

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116355.D
 Acq On : 17 Aug 2019 14:18
 Operator : HP/JU
 Sample : K4380-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Manual Integrations
 APPROVED

Jagrut
 8/19/2019 3:30:59 PM

Quant Time: Aug 19 17:31:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133475	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	522701	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	278661	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	473749	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	319124	20.00	ng	-0.04
87) Perylene-d12	15.43	264	312769	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	793401	99.51	ng	-0.02
7) Phenol-d6	6.46	99	993697	98.78	ng	-0.03
23) Nitrobenzene-d5	7.37	82	639261	70.60	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	255619	94.61	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1019466	68.53	ng	-0.04
79) Terphenyl-d14	12.90	244	1104445	72.93	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	108854	27.025	ng	100
3) Pyridine	3.37	79	269494	23.951	ng	98
4) n-Nitrosodimethylamine	3.30	42	128556	28.952	ng	98
6) Aniline	6.48	93	307546	21.348	ng	93
8) 2-Chlorophenol	6.60	128	299614	33.983	ng	95
9) Benzaldehyde	6.37	77	138467	19.949	ng	98
10) Phenol	6.47	94	430107	36.308	ng	84
11) bis(2-Chloroethyl)ether	6.55	93	284628	32.681	ng	98
12) 1,3-Dichlorobenzene	6.75	146	308961	30.322	ng	98
13) 1,4-Dichlorobenzene	6.83	146	318827	31.251	ng	97
14) 1,2-Dichlorobenzene	6.98	146	294985	31.401	ng	99
15) Benzyl Alcohol	6.96	79	247512	32.422	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	371849	31.302	ng	71
17) 2-Methylphenol	7.07	107	248745	33.319	ng	96
18) Hexachloroethane	7.32	117	107674	28.665	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	209166	33.554	ng	98
20) 3+4-Methylphenols	7.23	107	324022	36.677	ng	99
22) Acetophenone	7.22	105	411867	35.928	ng	# 95
24) Nitrobenzene	7.39	77	334119	34.172	ng	99
25) Isophorone	7.63	82	598790	34.582	ng	100
26) 2-Nitrophenol	7.71	139	157475	34.167	ng	97
27) 2,4-Dimethylphenol	7.75	122	261651	37.734	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	364403	33.954	ng	100
29) 2,4-Dichlorophenol	7.96	162	258309	35.281	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	265563	31.820	ng	99
31) Naphthalene	8.11	128	856858	34.836	ng	99
33) 4-Chloroaniline	8.17	127	215154	19.577	ng	98
34) Hexachlorobutadiene	8.23	225	145849	30.340	ng	99
35) Caprolactam	8.53	113	80244m	33.887	ng	
36) 4-Chloro-3-methylphenol	8.66	107	273620	35.924	ng	97
37) 2-Methylnaphthalene	8.80	142	553848	34.189	ng	99
38) 1-Methylnaphthalene	8.90	142	529657	34.561	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	255163	34.251	ng	99
41) Hexachlorocyclopentadiene	8.95	237	58202	22.036	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.09	196	159194	31.046	nq	100
44) 2,4,5-Trichlorophenol	9.14	196	170233	32.116	nq	97
46) 1,1'-Biphenyl	9.26	154	691756	35.162	nq	98
47) 2-Chloronaphthalene	9.29	162	539263	32.934	nq	98
48) 2-Nitroaniline	9.39	65	178936	33.061	nq	93
49) Acenaphthylene	9.70	152	823409	34.469	nq	99
50) Dimethylphthalate	9.56	163	724378	38.178	nq	100
51) 2,6-Dinitrotoluene	9.63	165	142131	34.470	nq	95
52) Acenaphthene	9.87	154	496825	33.901	nq	100
53) 3-Nitroaniline	9.80	138	131968	25.902	nq	97
54) 2,4-Dinitrophenol	9.96	184	3451	9.297	nq	95
55) Dibenzofuran	10.05	168	711992	33.408	nq	98
56) 4-Nitrophenol	9.99	139	166796	51.105	nq	94
57) 2,4-Dinitrotoluene	10.05	165	177605	32.351	nq	92
58) Fluorene	10.39	166	577151	35.198	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	136724	30.659	nq	97
60) Diethylphthalate	10.26	149	609058	34.382	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	288110	34.694	nq	98
62) 4-Nitroaniline	10.42	138	149263	28.349	nq	98
63) Azobenzene	10.54	77	630670	34.614	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	51445	20.491	nq	95
66) n-Nitrosodiphenylamine	10.50	169	517434	36.287	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	172838	34.080	nq	98
68) Hexachlorobenzene	10.95	284	193172	32.940	nq	99
69) Atrazine	11.03	200	163310	34.813	nq	98
70) Pentachlorophenol	11.15	266	108685	38.174	nq	98
71) Phenanthrene	11.35	178	836059	34.521	nq	99
72) Anthracene	11.40	178	875394	35.715	nq	99
73) Carbazole	11.56	167	794520	35.729	nq	99
74) Di-n-butylphthalate	11.88	149	942847	36.346	nq	99
75) Fluoranthene	12.54	202	850102	33.528	nq	100
77) Benzidine	12.66	184	235032	21.800	nq	97
78) Pyrene	12.77	202	863407	35.892	nq	99
80) Butylbenzylphthalate	13.37	149	382934	37.632	nq	97
81) Benzo(a)anthracene	13.96	228	691242	33.889	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	202116	28.522	nq	99
83) Chrysene	14.00	228	678146	34.245	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	528325	39.954	nq	98
85) Di-n-octyl phthalate	14.54	149	821524	39.114	nq	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	583484	35.082	nq	100
88) Benzo(b)fluoranthene	15.00	252	581976	32.181	nq	100
89) Benzo(k)fluoranthene	15.03	252	612233	34.757	nq	100
90) Benzo(a)pyrene	15.37	252	561832	34.753	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	495227	35.389	nq	99
92) Benzo(g,h,i)perylene	17.32	276	473992	34.489	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

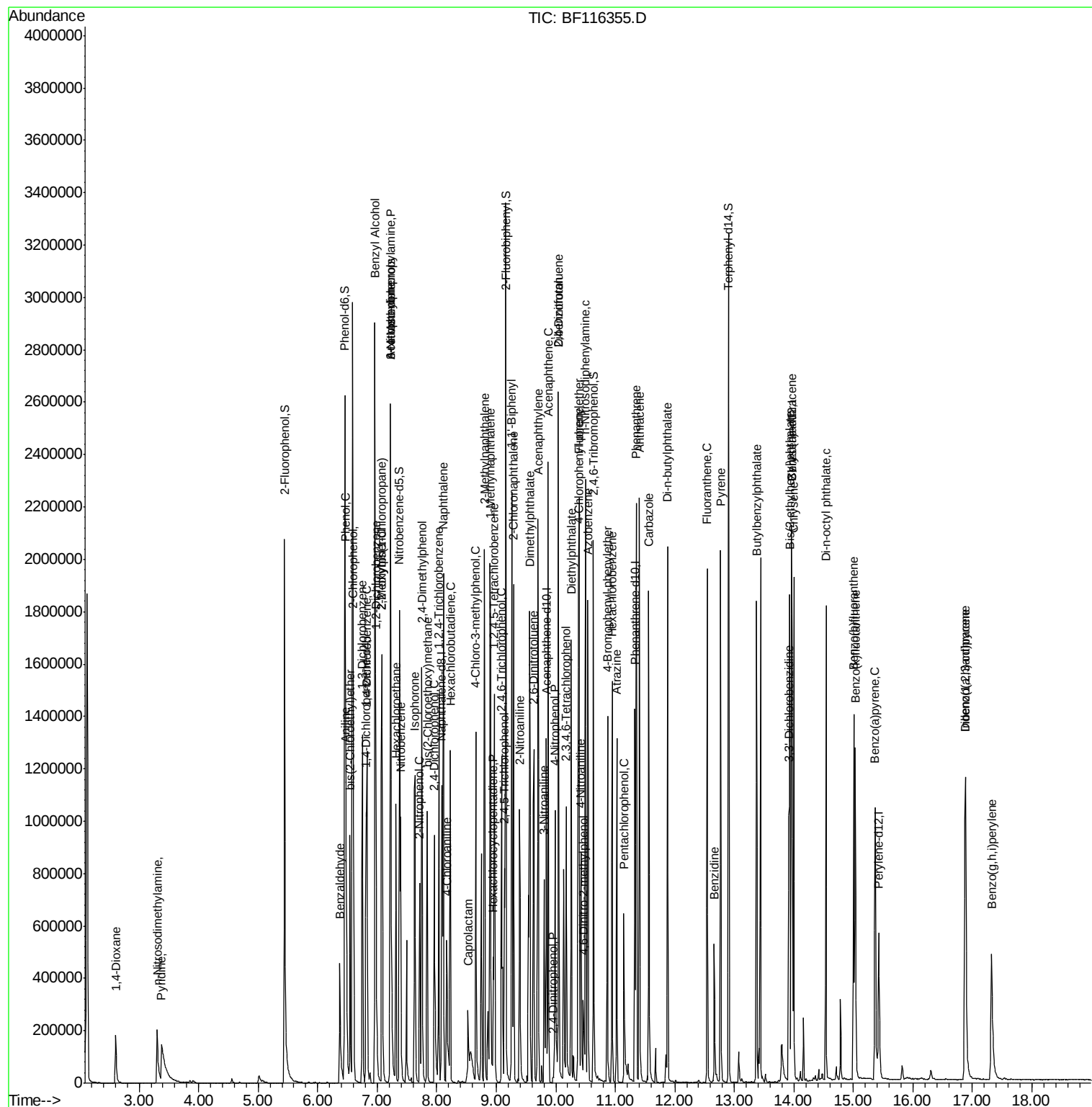
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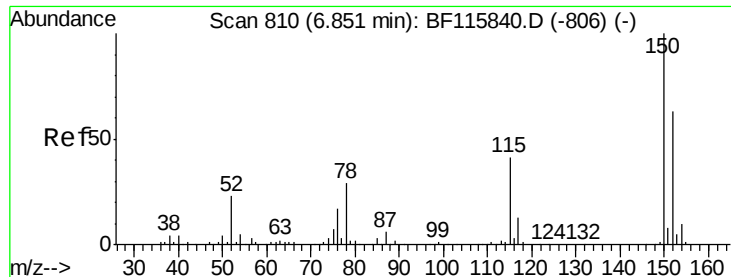
Instrument :
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#1

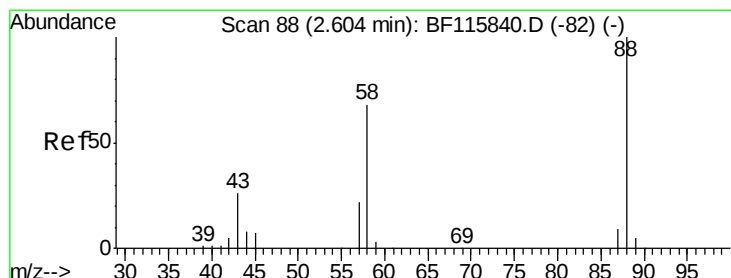
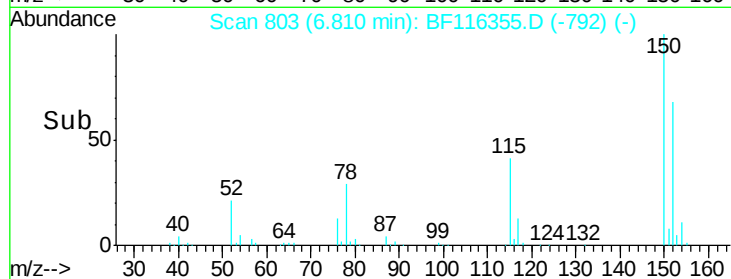
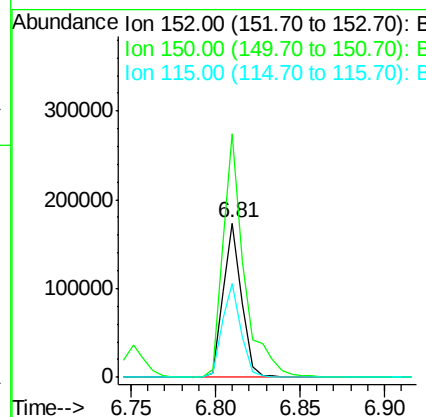
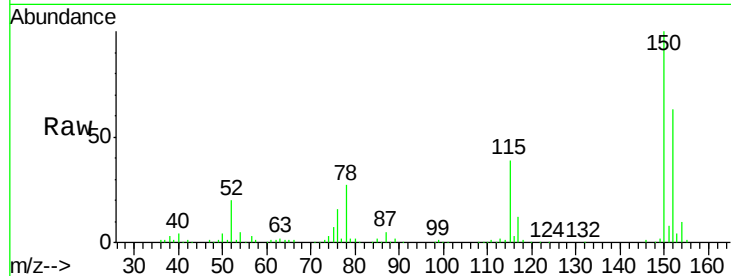
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	60.8	49.9	74.9

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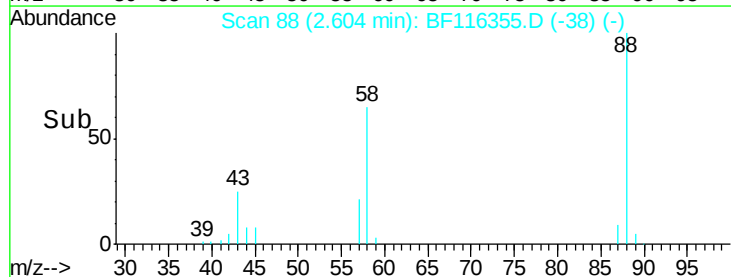
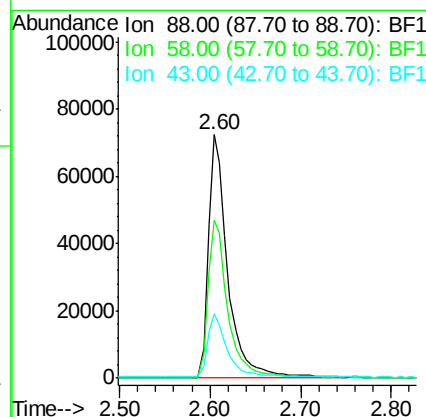
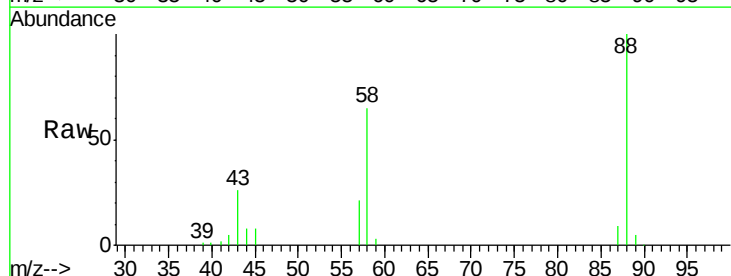
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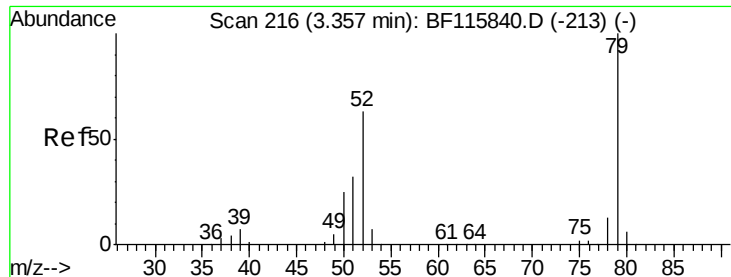


#2

1,4-Dioxane
Concen: 27.025 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	53.7	80.5
43	25.8	21.0	31.4





#3

Pvridine

Concen: 23.951 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.01 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

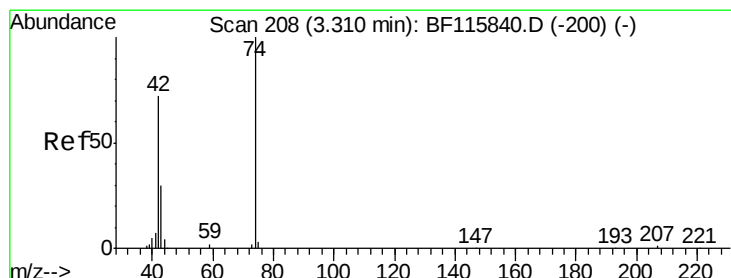
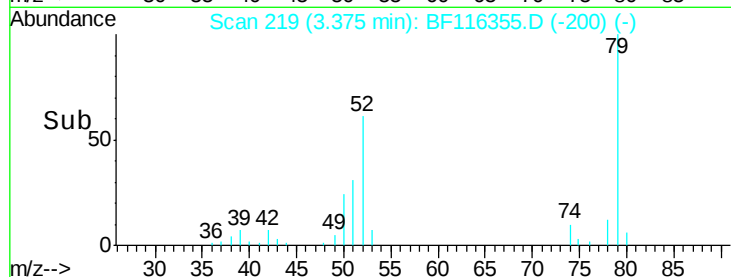
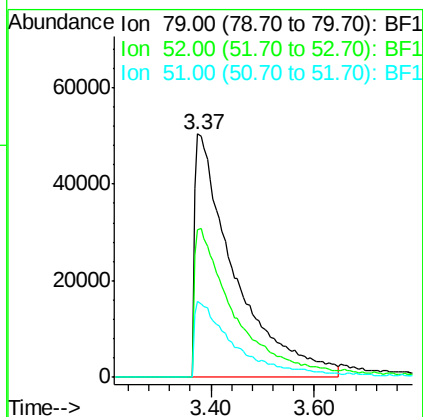
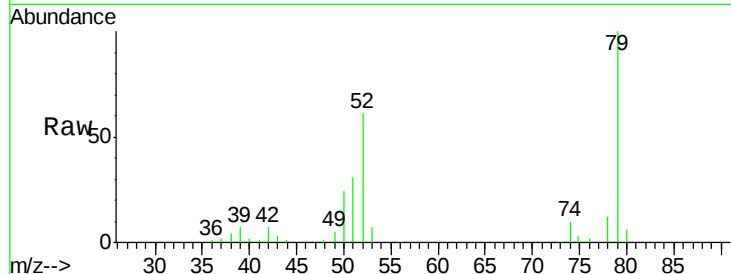
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	79	Resp:	269494
Ion Ratio	Lower	Upper	
79	100		
52	60.7	49.8	74.8
51	31.0	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 28.952 ng

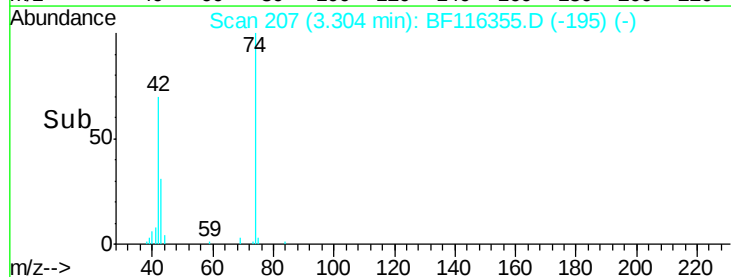
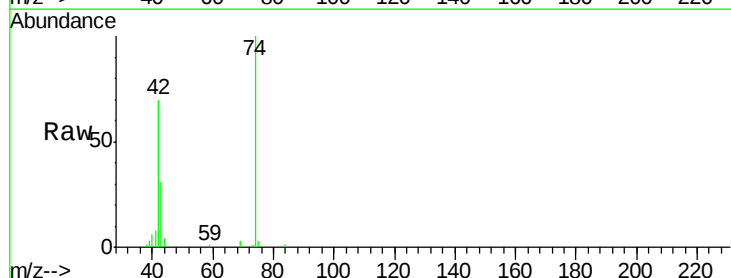
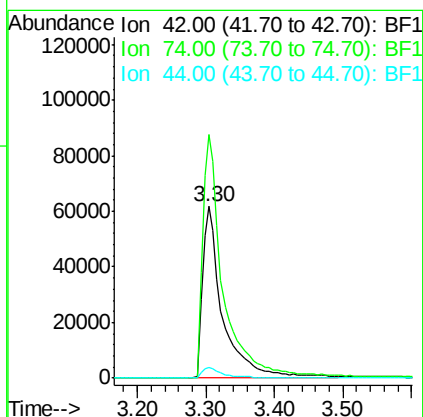
RT: 3.30 min Scan# 207

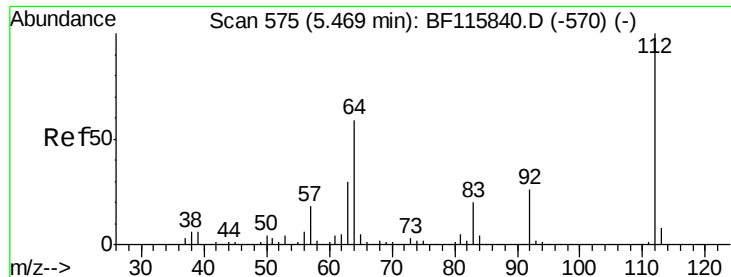
Delta R.T. -0.03 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	42	Resp:	128556
Ion Ratio	Lower	Upper	
42	100		
74	141.9	116.0	174.0
44	6.1	4.6	7.0





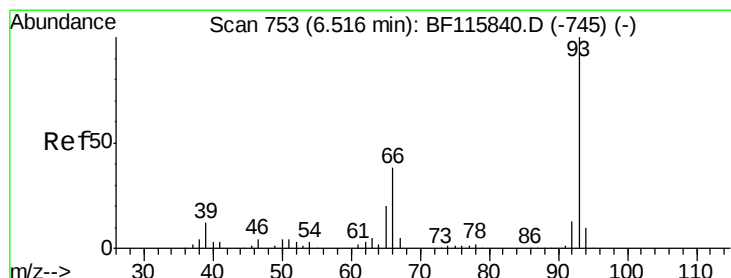
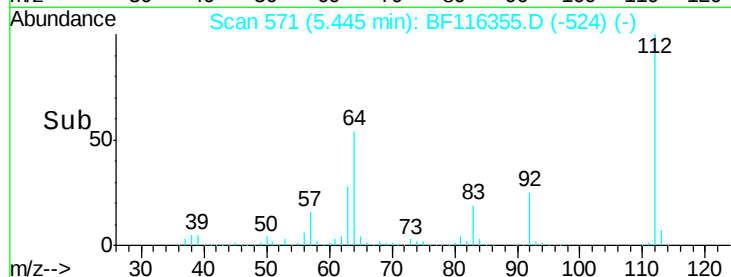
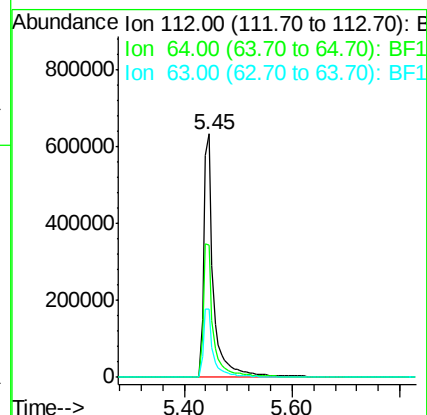
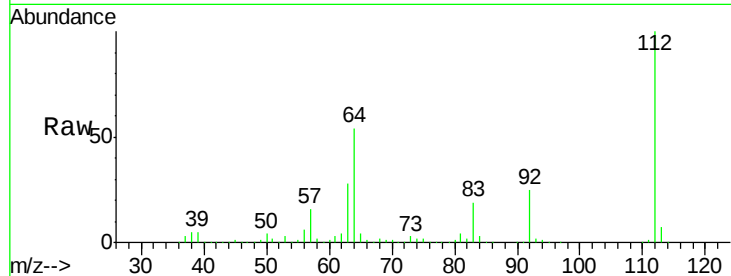
#5
2-Fluorophenol
Concen: 99.509 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		793401		
64	54.4	45.4	68.2		
63	28.1	23.7	35.5		

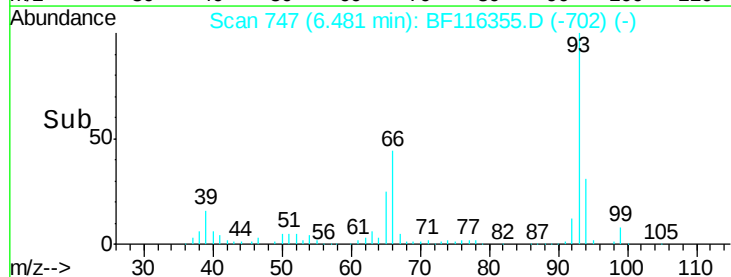
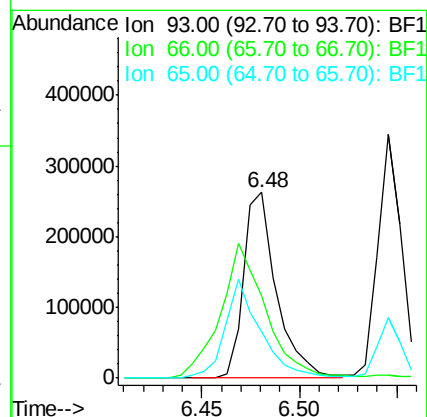
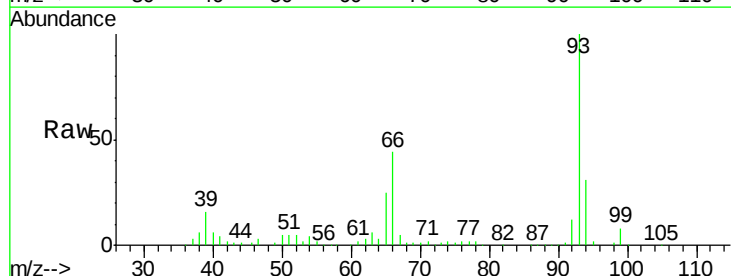
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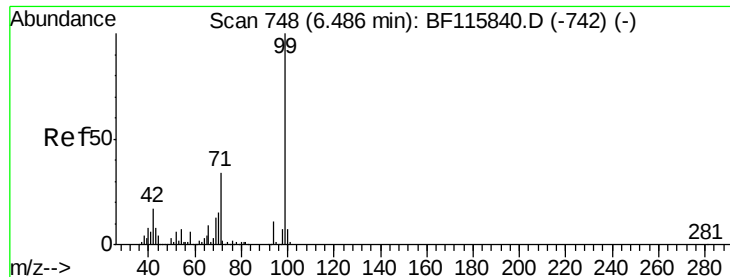
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#6
Aniline
Concen: 21.348 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		307546		
66	44.5	32.2	48.4		
65	25.0	17.0	25.6		





#7

Phenol-d6

Concen: 98.782 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

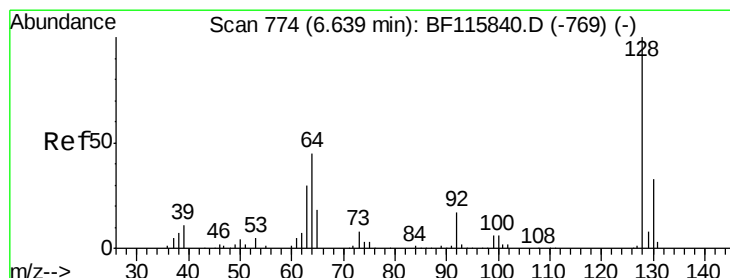
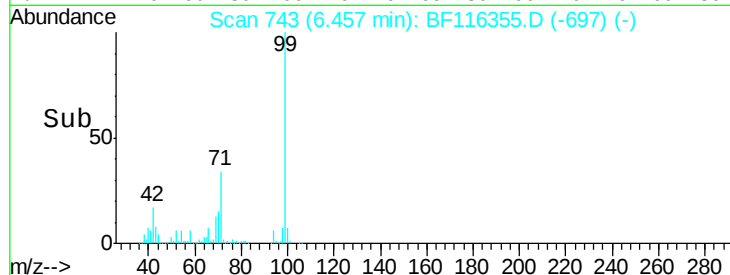
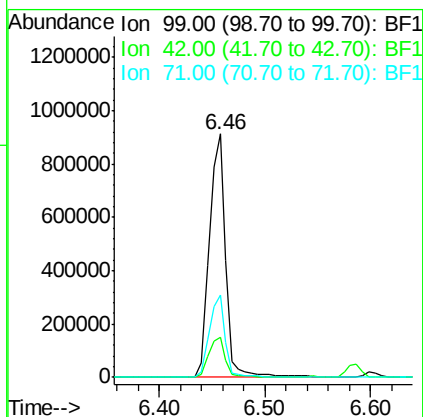
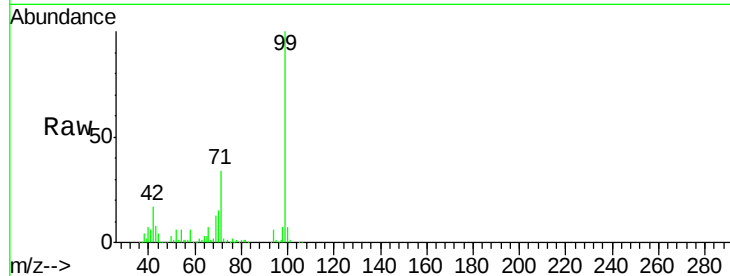
ClientSampleId :

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Tot Ion:	99	Resp:	993697
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.8	20.8
71	33.6	27.3	40.9

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#8

2-Chlorophenol

Concen: 33.983 ng

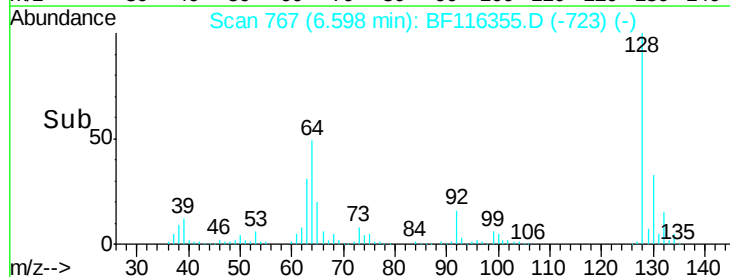
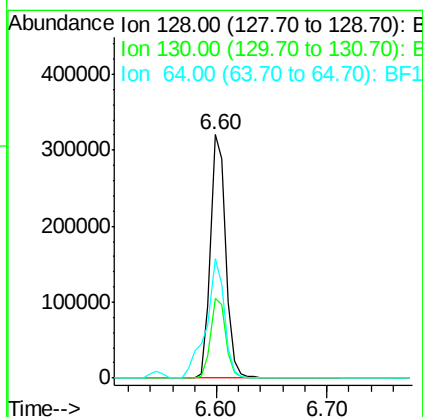
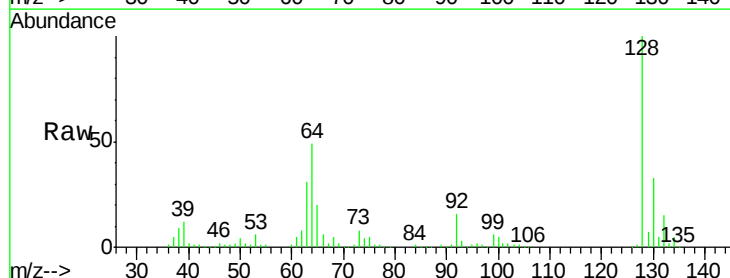
RT: 6.60 min Scan# 767

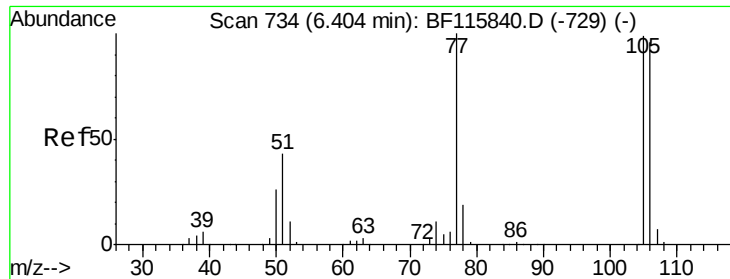
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	128	Resp:	299614
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.9	52.9
64	49.3	24.3	64.3





#9

Benzaldehyde

Concen: 19.949 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

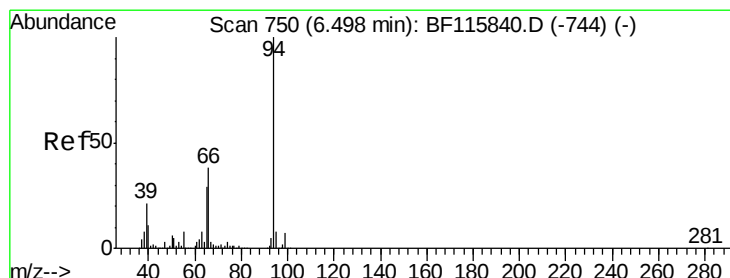
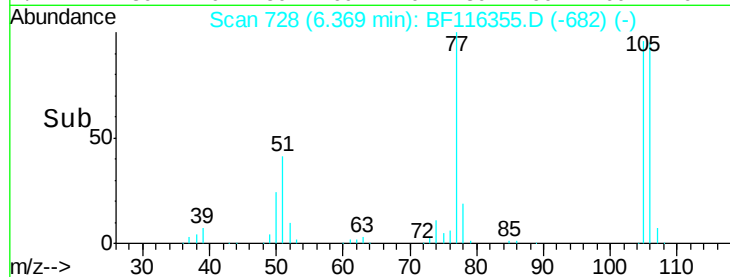
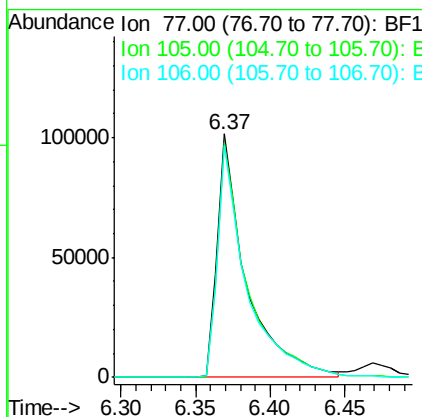
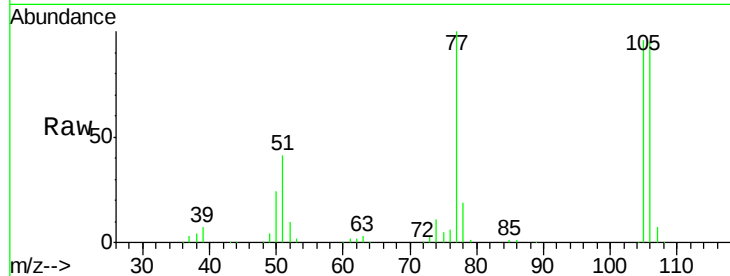
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Tot Ion:	77	Resp:	138467
Ion Ratio	Lower	Upper	
77	100		
105	96.3	79.2	119.2
106	95.4	74.3	114.3

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#10

Phenol

Concen: 36.308 ng

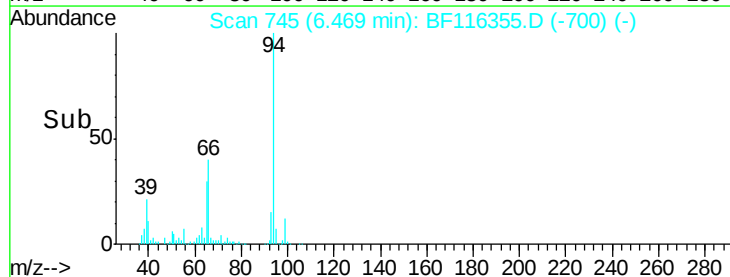
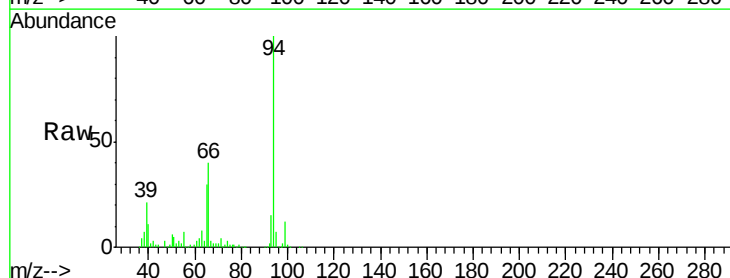
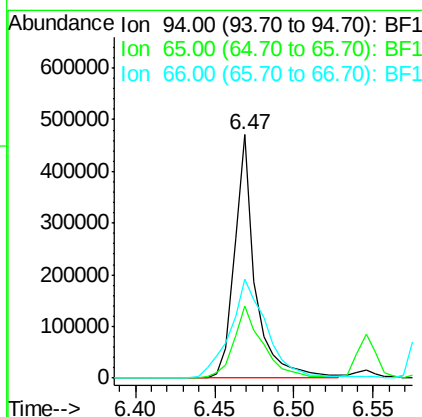
RT: 6.47 min Scan# 745

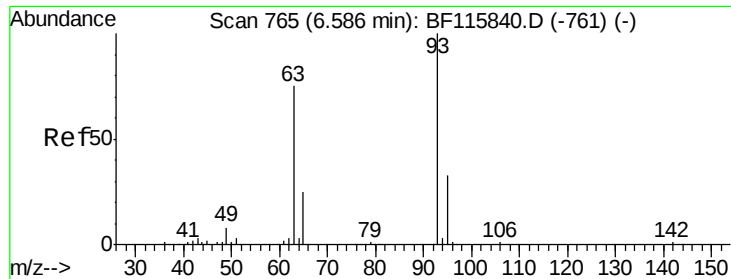
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	94	Resp:	430107
Ion Ratio	Lower	Upper	
94	100		
65	29.7	16.8	56.8
66	40.4	34.2	74.2





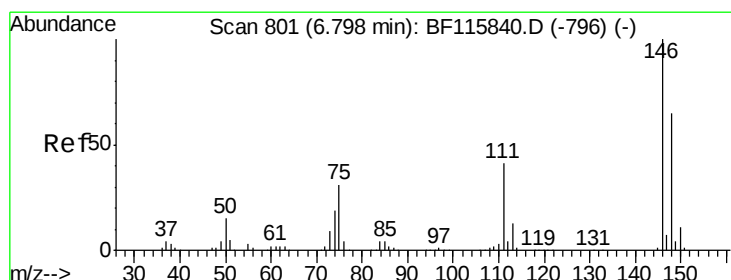
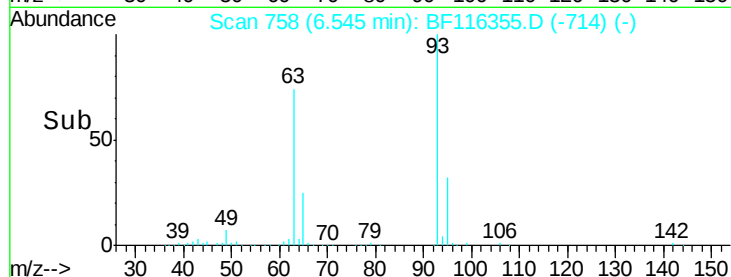
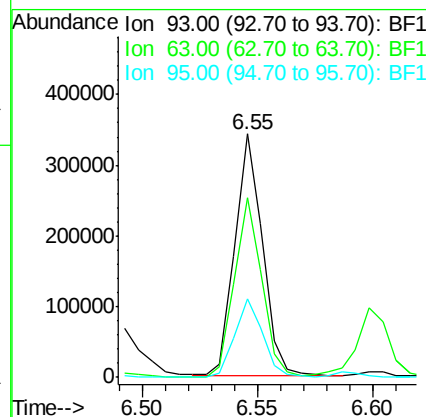
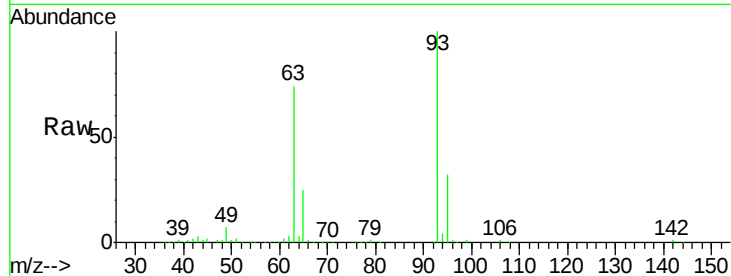
#11
bis(2-Chloroethyl)ether
Concen: 32.681 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		284628		
63	73.8		51.9	91.9	
95	32.3		13.0	53.0	

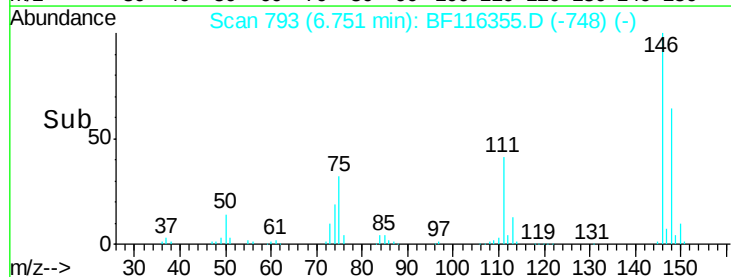
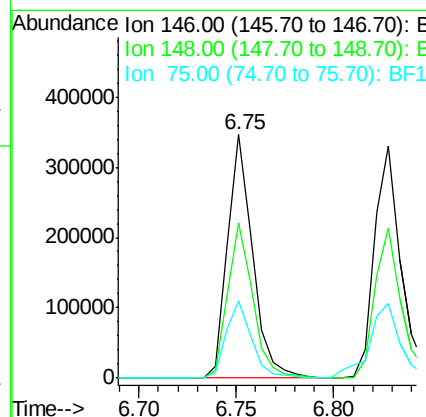
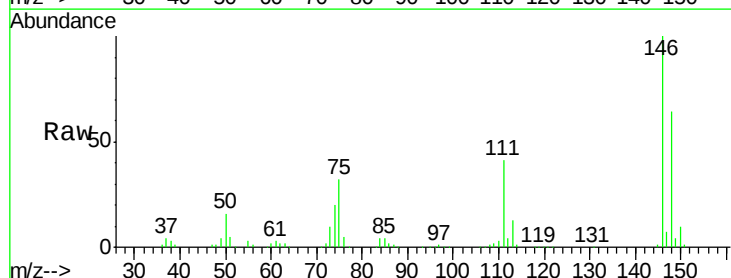
Manual Integrations
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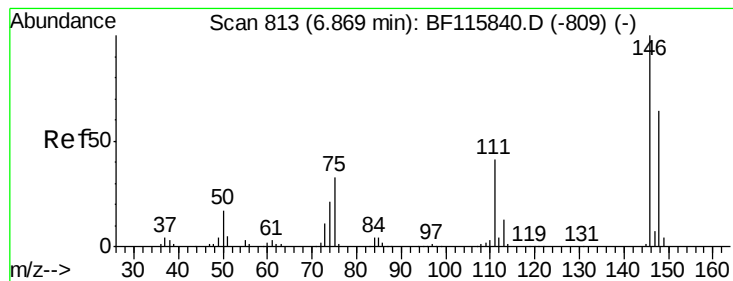
Jagrut
8/19/2019 3:30:59 PM



#12
1,3-Dichlorobenzene
Concen: 30.322 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		308961		
148	63.7		51.3	76.9	
75	32.0		27.4	41.2	





#13

1,4-Dichlorobenzene

Concen: 31.251 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

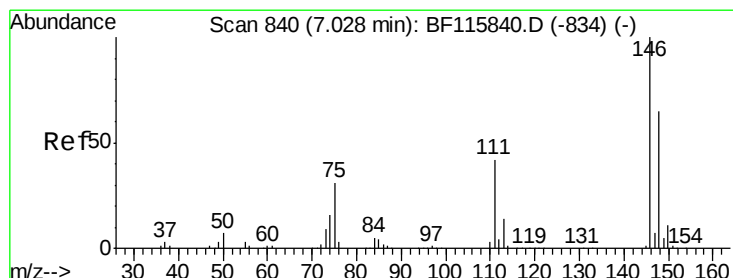
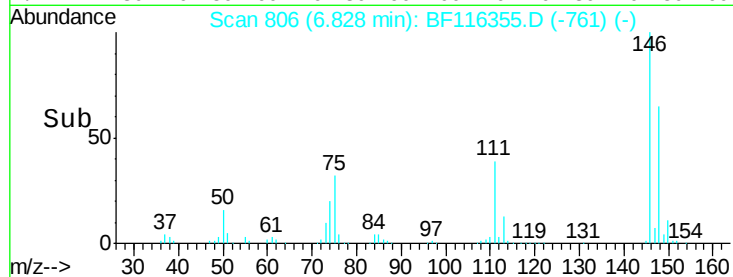
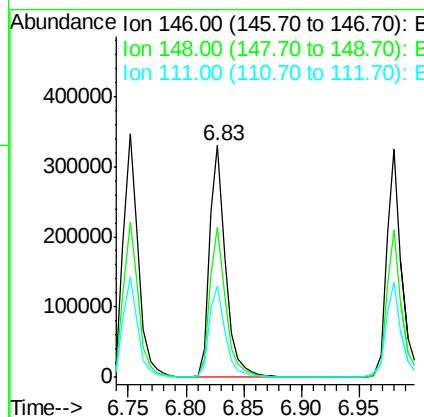
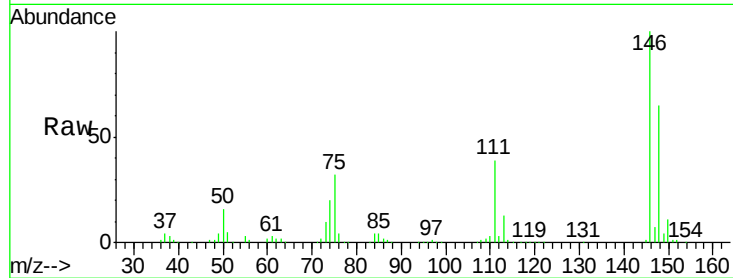
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	146	Resp:	318827
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.3	76.9
111	39.2	34.0	51.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 31.401 ng

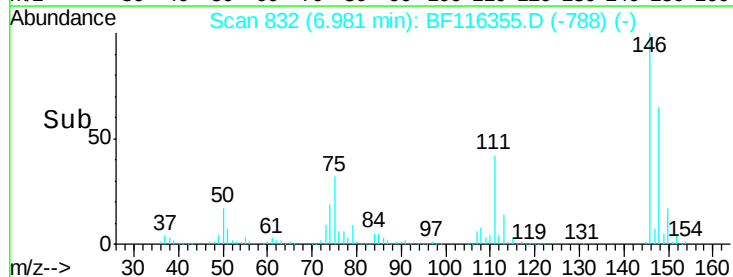
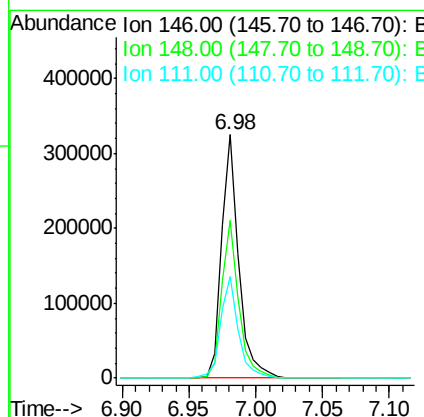
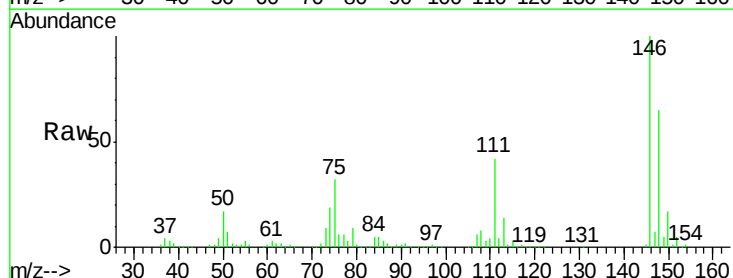
RT: 6.98 min Scan# 832

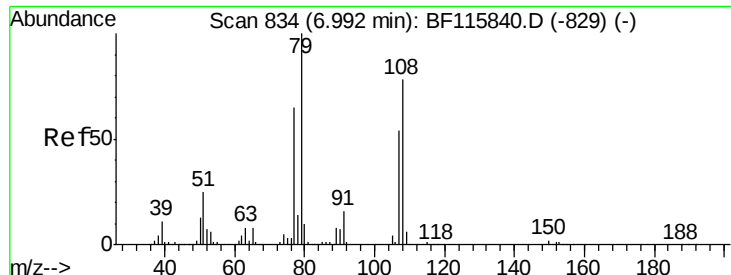
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	146	Resp:	294985
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.2	76.8
111	41.9	33.5	50.3





#15

Benzyl Alcohol

Concen: 32.422 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

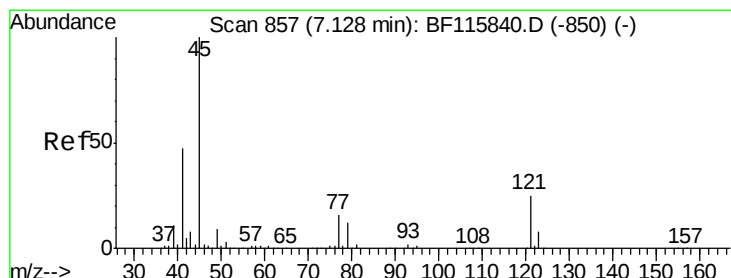
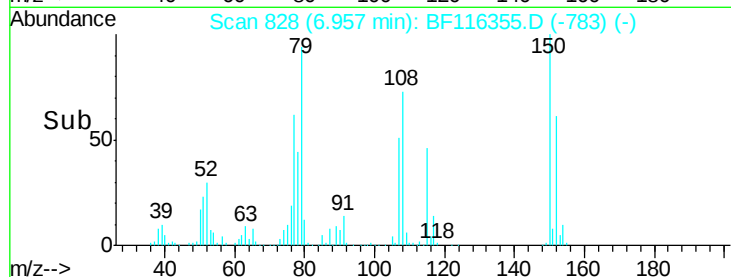
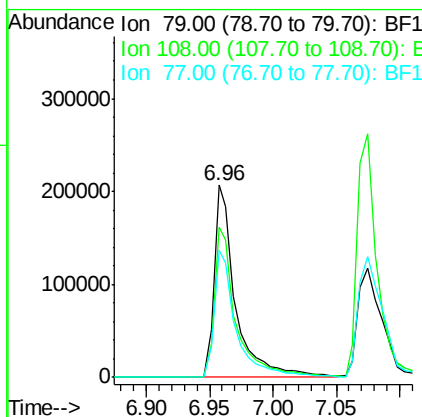
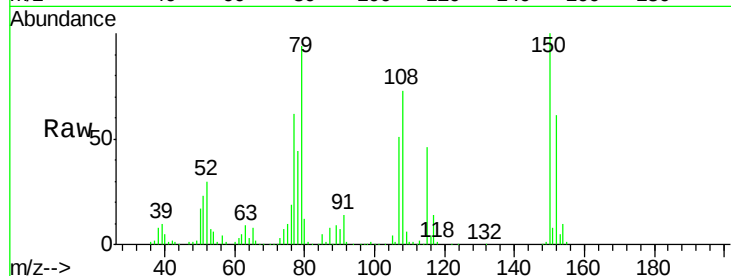
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	79	Resp:	247512
Ion Ratio	Lower	Upper	
79	100		
108	78.0	62.7	94.1
77	65.9	52.2	78.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.302 ng

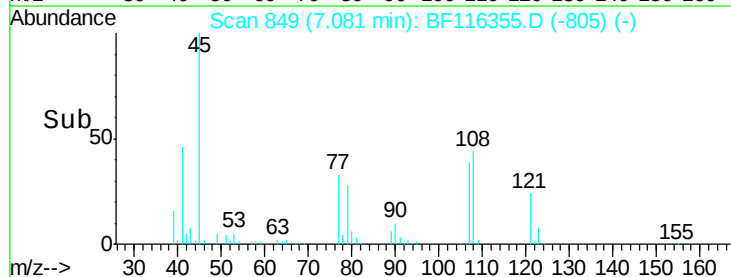
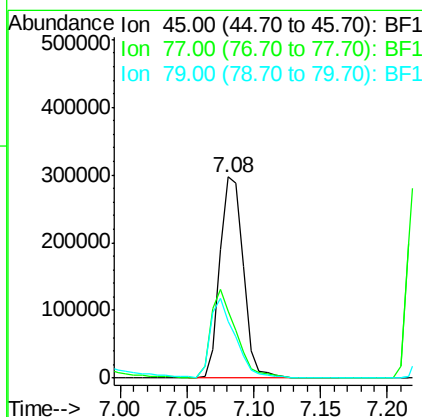
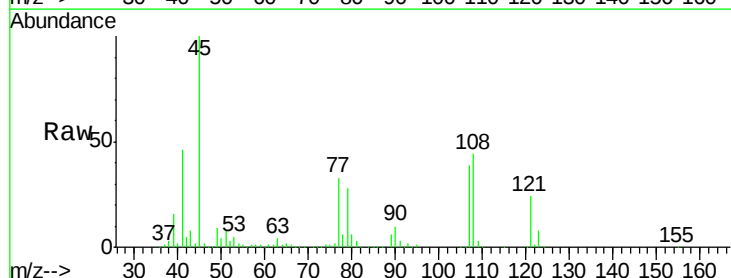
RT: 7.08 min Scan# 849

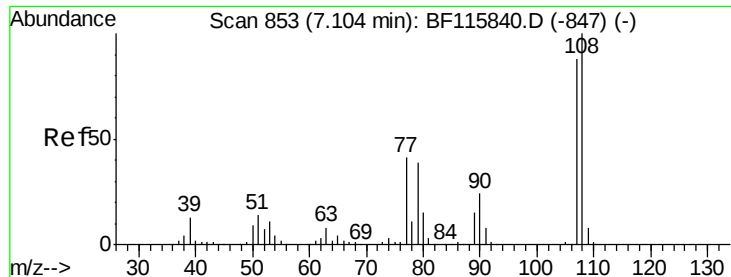
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	45	Resp:	371849
Ion Ratio	Lower	Upper	
45	100		
77	33.2	0.0	40.0
79	28.0	0.0	35.9





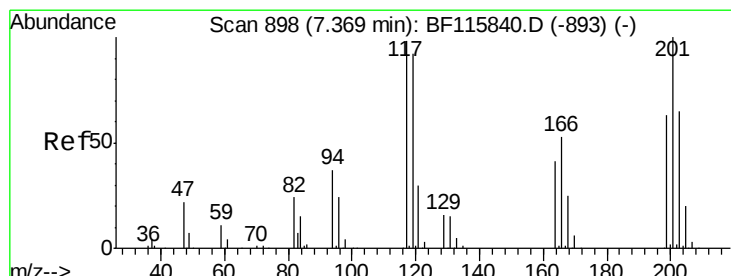
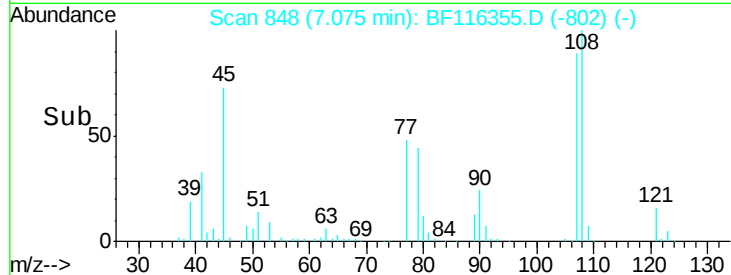
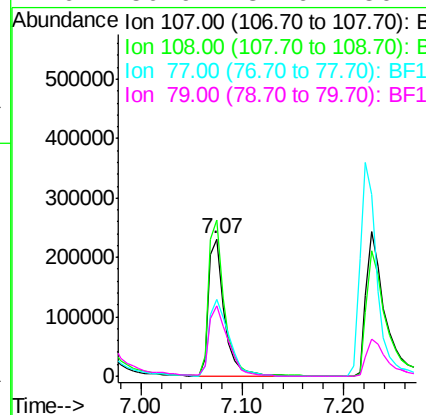
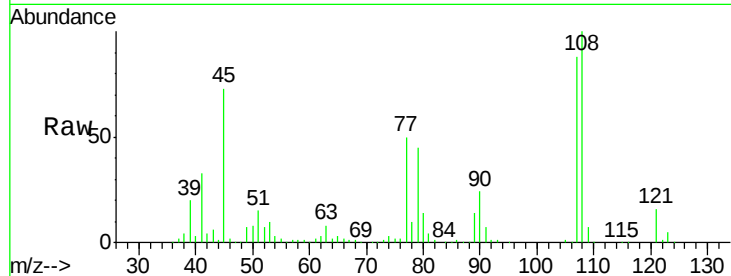
#17
2-Methylphenol
Concen: 33.319 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	107	Resp:	248745
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.2	136.8
77	56.3	40.3	60.5
79	50.9	37.6	56.4

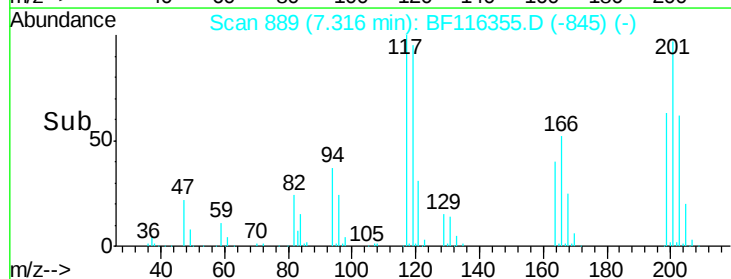
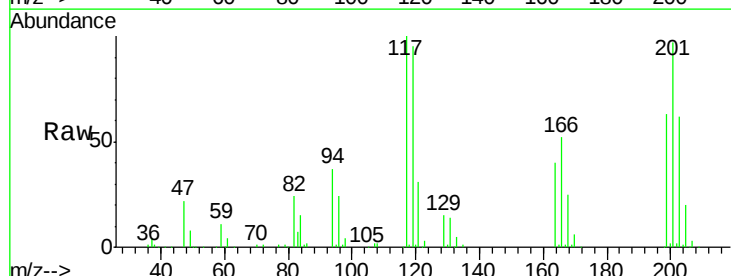
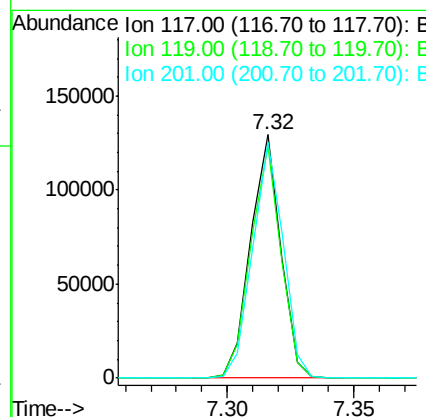
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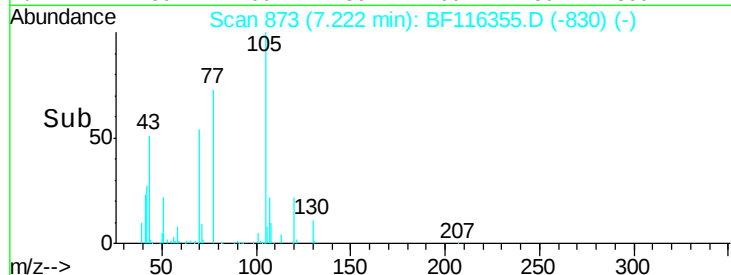
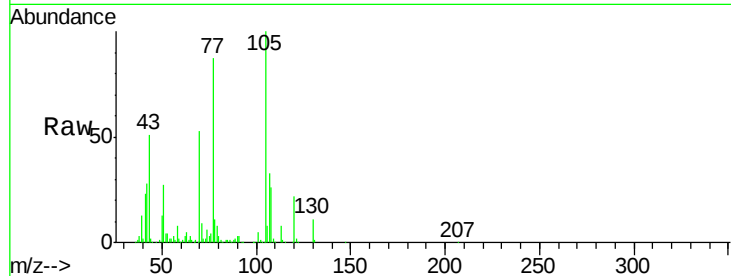
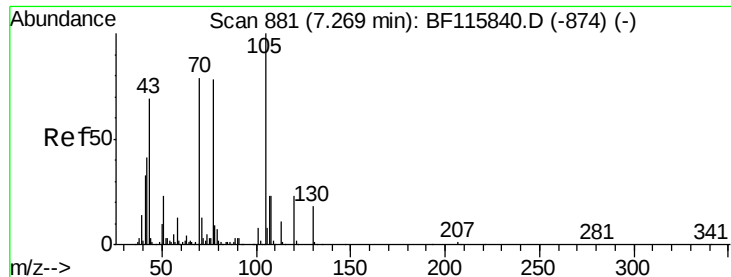
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#18
Hexachloroethane
Concen: 28.665 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion:	117	Resp:	107674
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.1	114.1
201	96.8	77.0	115.4





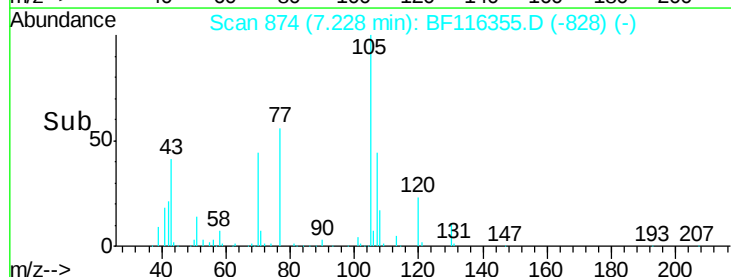
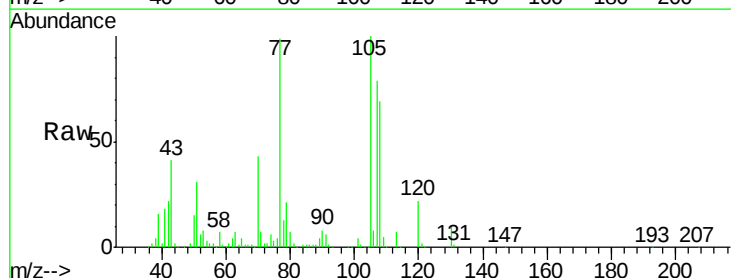
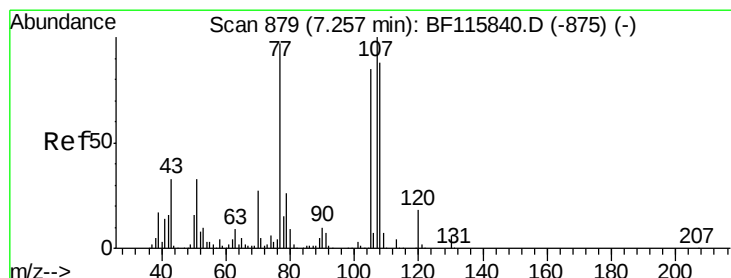
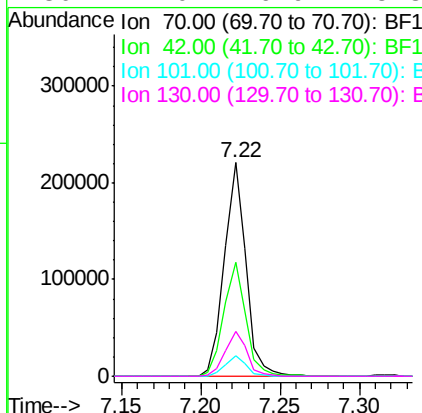
#19
n-Nitroso-di-n-propylamine
Concen: 33.554 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		209166		
42	53.1	40.9	61.3		
101	9.7	7.9	11.9		
130	21.0	16.9	25.3		

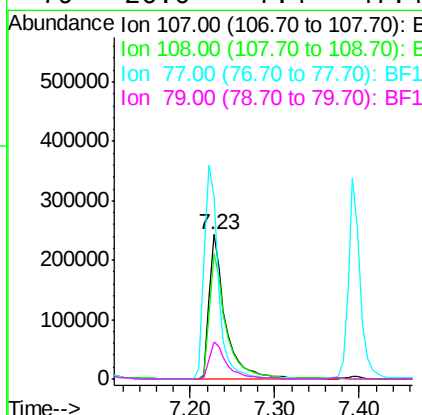
Manual Integrations
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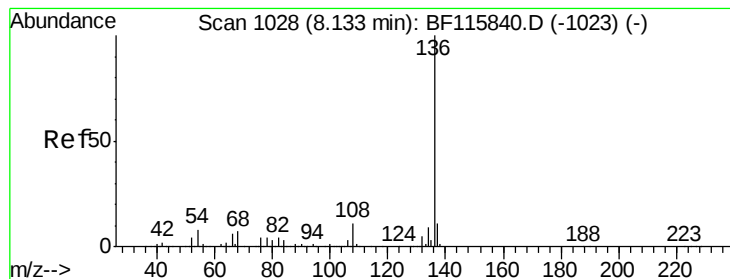
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#20
3+4-Methylphenols
Concen: 36.677 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		324022		
108	86.9	67.6	107.6		
77	125.5	104.4	144.4		
79	26.0	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

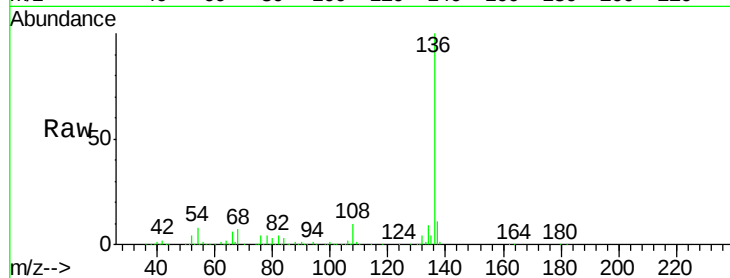
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		522701		
137	11.4		9.0	13.4	
54	7.7		5.8	8.6	
68	6.6		5.2	7.8	

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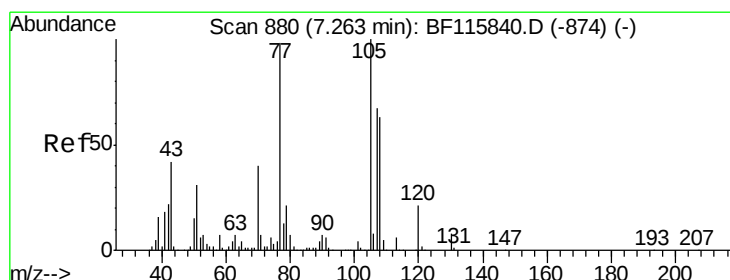
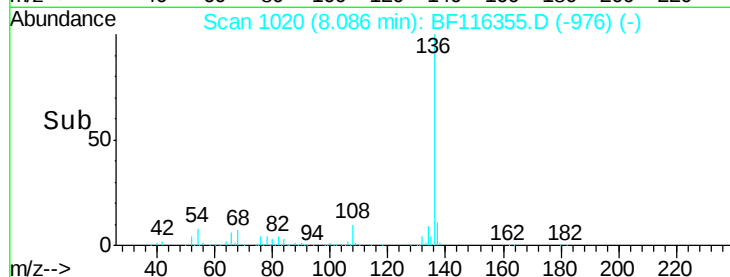
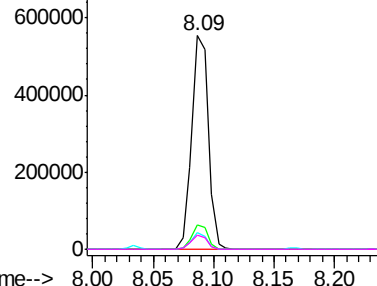
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.928 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		411867		
71	9.1		5.9	8.9#	
51	27.3		25.3	37.9	
120	22.1		17.9	26.9	

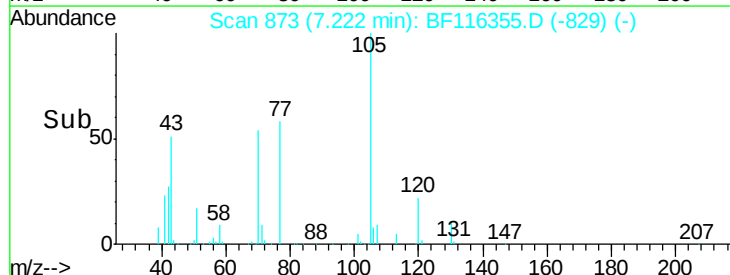
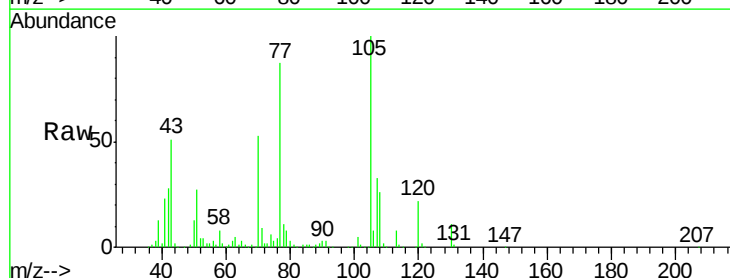
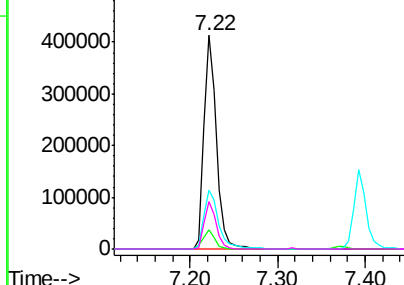
Abundance

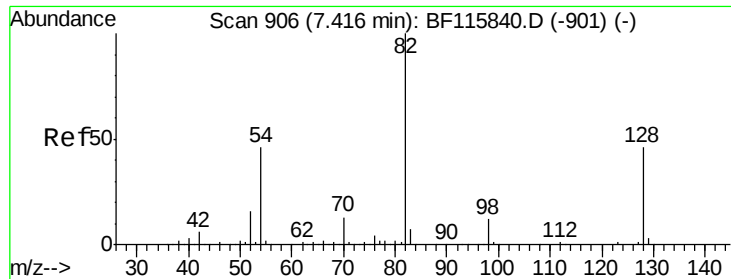
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





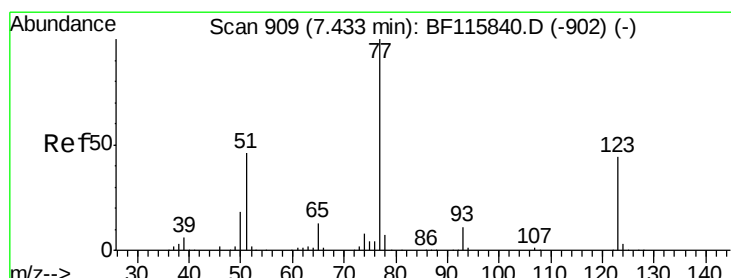
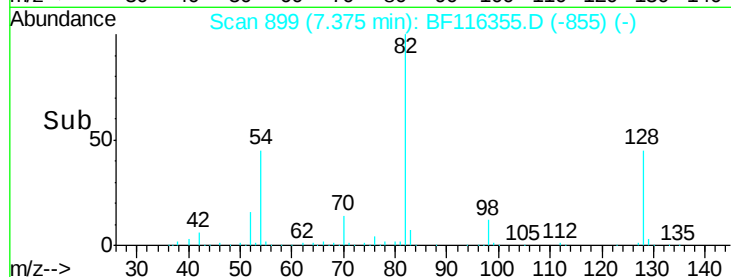
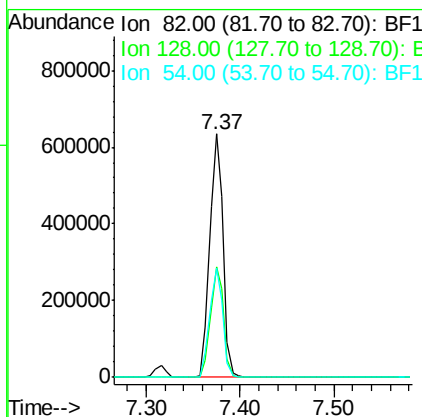
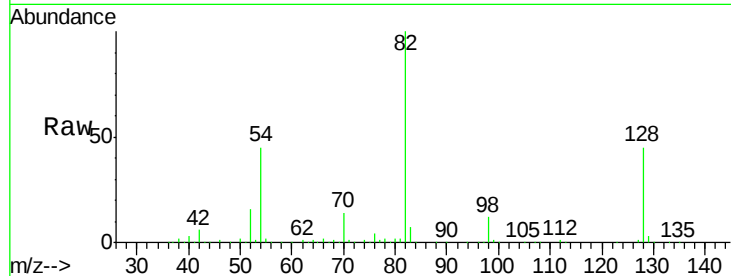
#23
 Nitrobenzene-d5
 Concen: 70.595 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	639261		
128	45.5	36.5	54.7	
54	44.7	36.0	54.0	

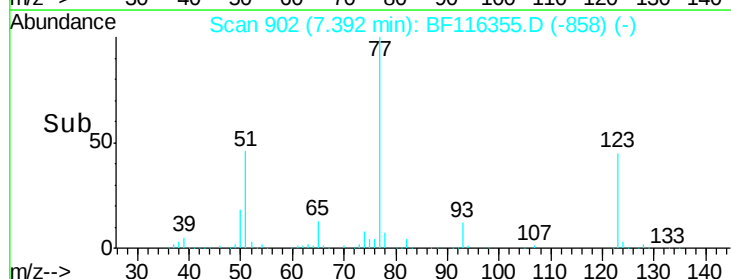
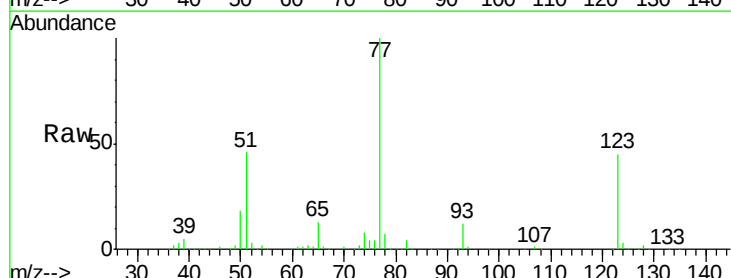
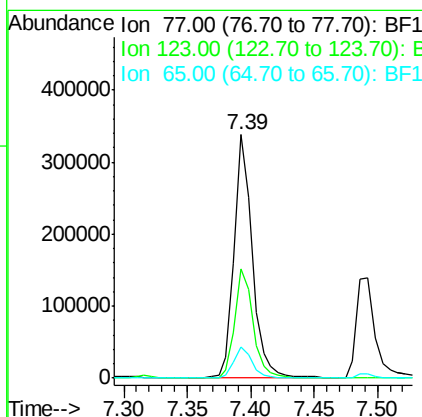
Manual Integrations
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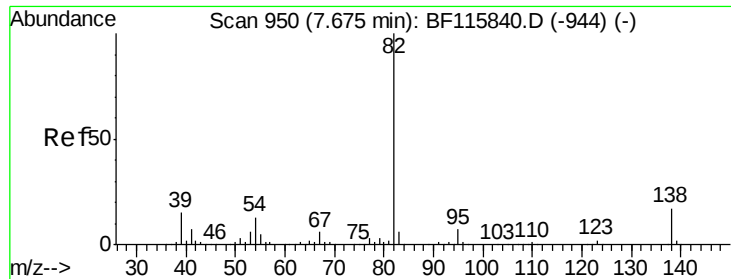
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#24
 Nitrobenzene
 Concen: 34.172 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	334119		
123	44.8	36.7	55.1	
65	13.0	10.6	16.0	





#25

Isophorone

Concen: 34.582 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

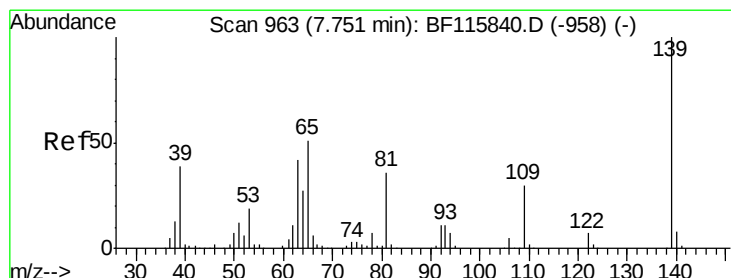
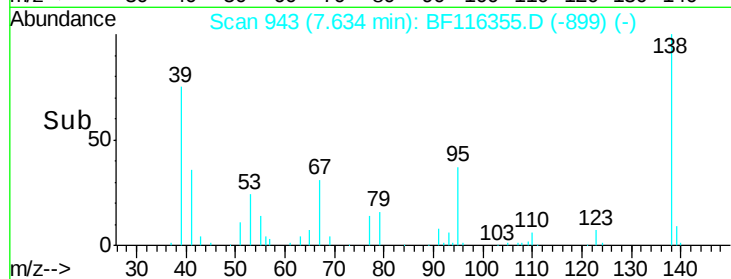
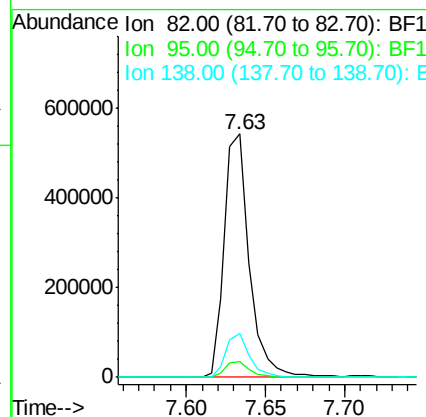
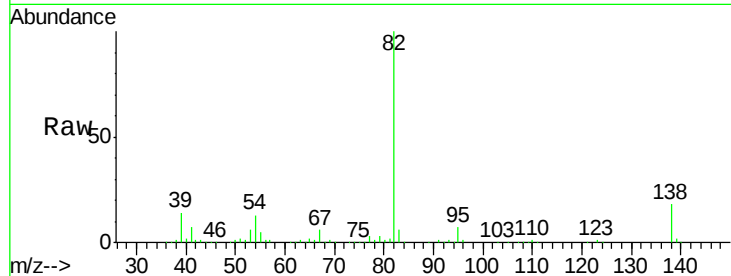
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	82	Resp:	598790
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.0
138	17.9	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.167 ng

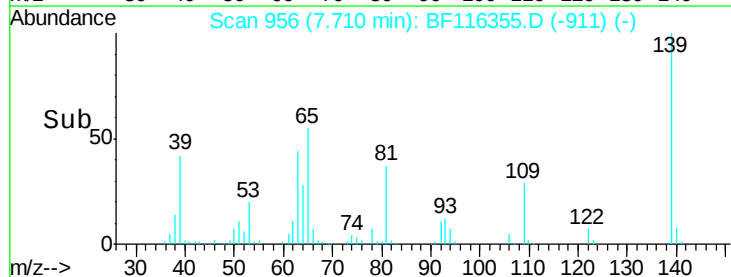
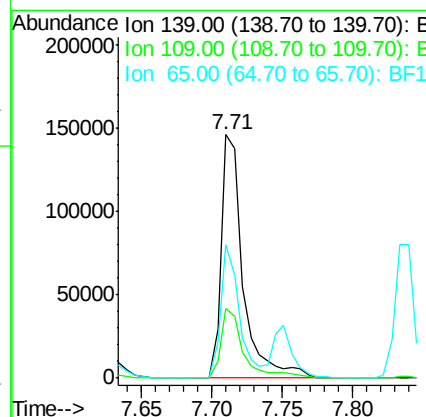
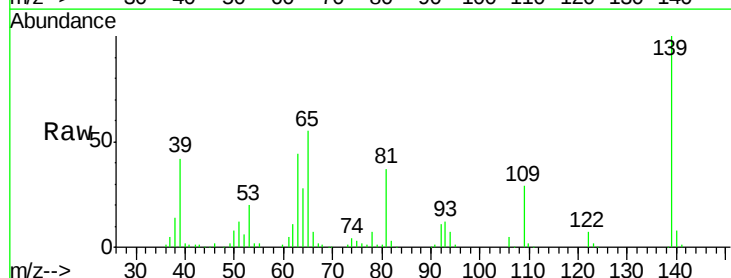
RT: 7.71 min Scan# 956

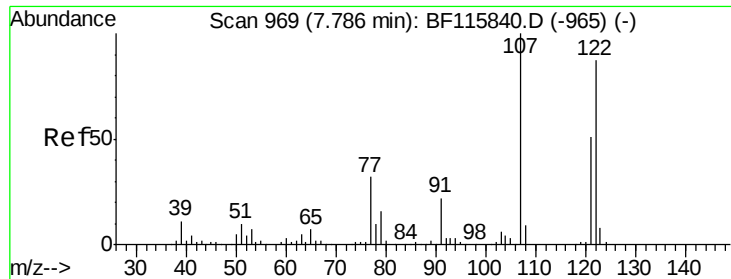
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	139	Resp:	157475
Ion Ratio		Lower	Upper
139	100		
109	28.7	23.4	35.2
65	54.6	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 37.734 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

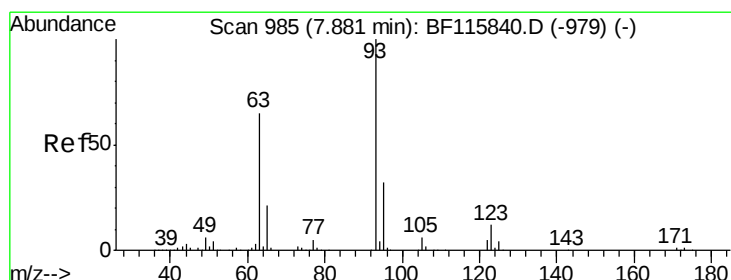
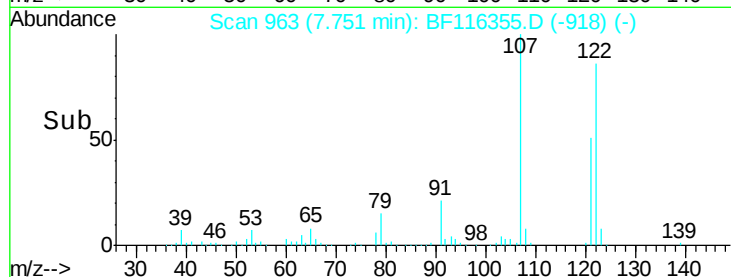
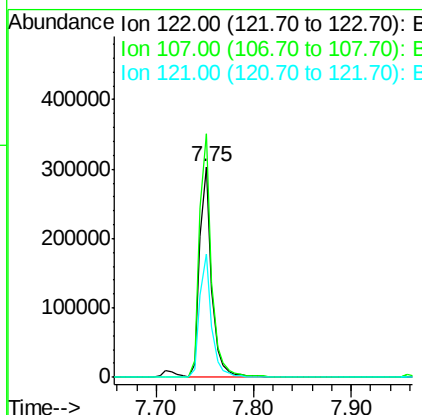
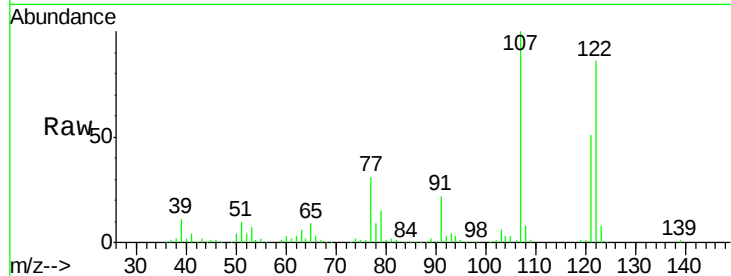
ClientSampleId :

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Tot Ion:	122	Resp:	261651
Ion Ratio	Lower	Upper	
122	100		
107	115.8	93.0	139.6
121	58.5	47.6	71.4

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#28

bis(2-Chloroethoxy)methane

Concen: 33.954 ng

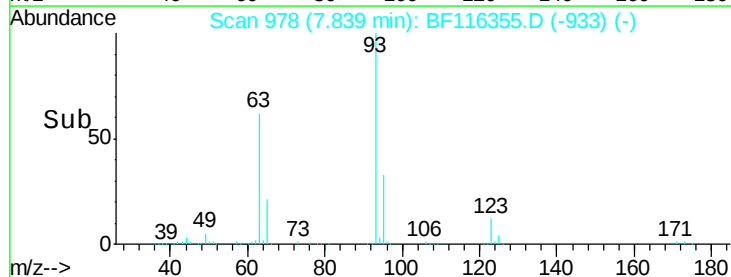
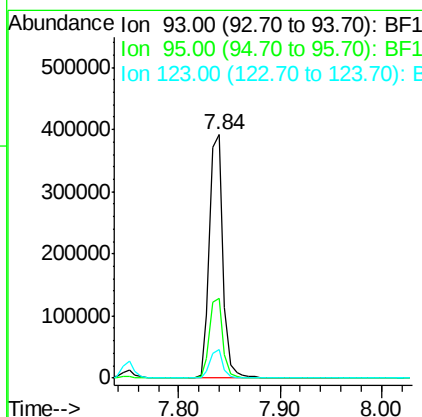
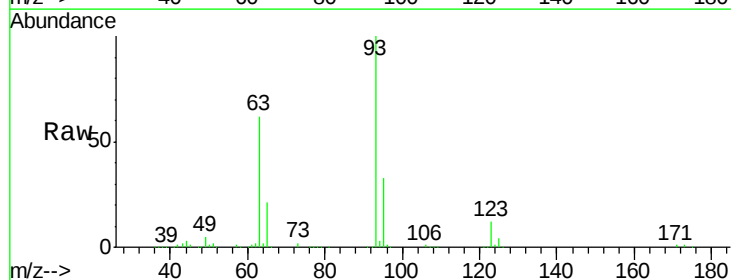
RT: 7.84 min Scan# 978

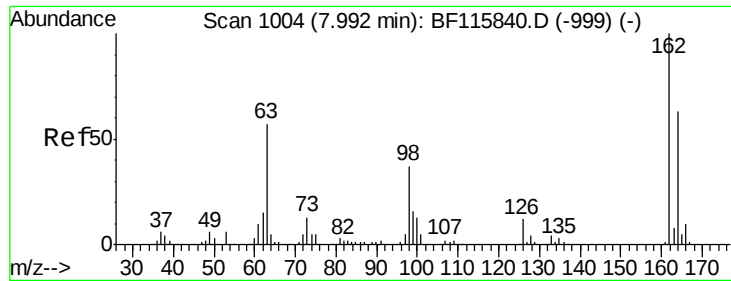
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	93	Resp:	364403
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.2	39.4
123	11.6	9.2	13.8





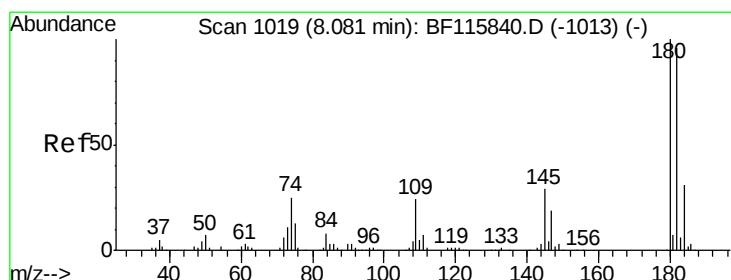
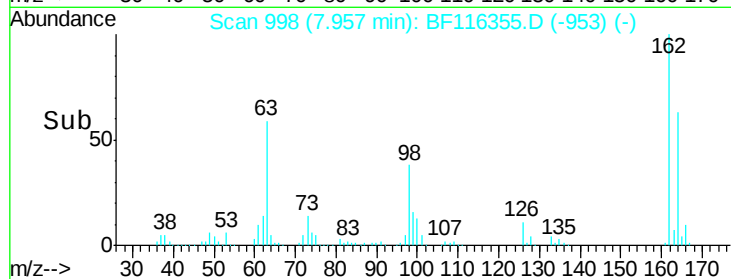
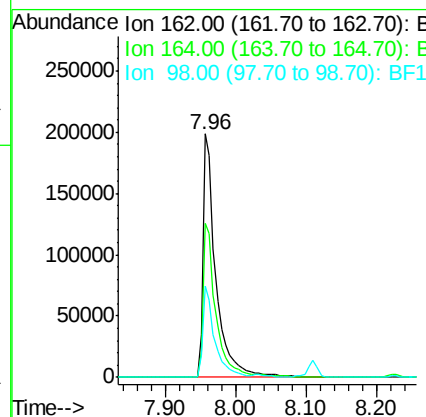
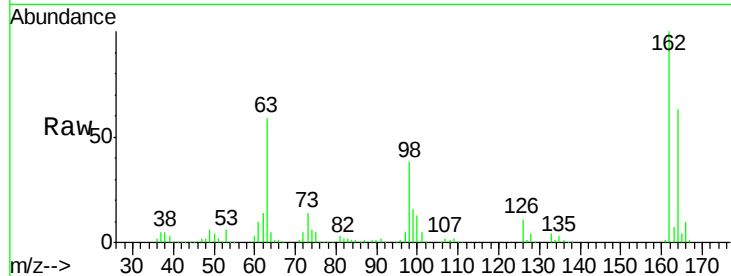
#29
 2,4-Dichlorophenol
 Concen: 35.281 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	258309		
164	63.3	45.1	85.1	
98	37.5	15.8	55.8	

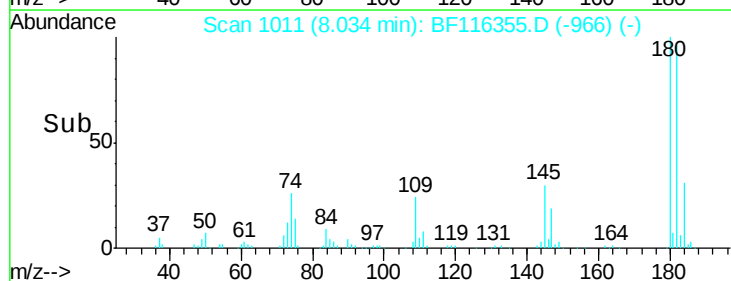
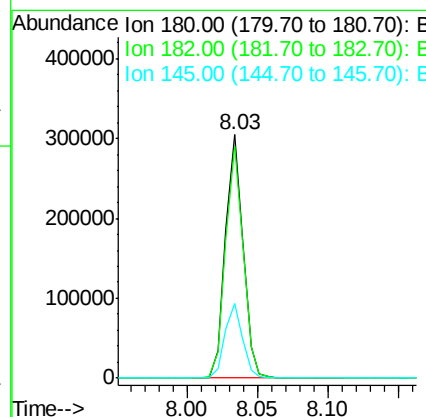
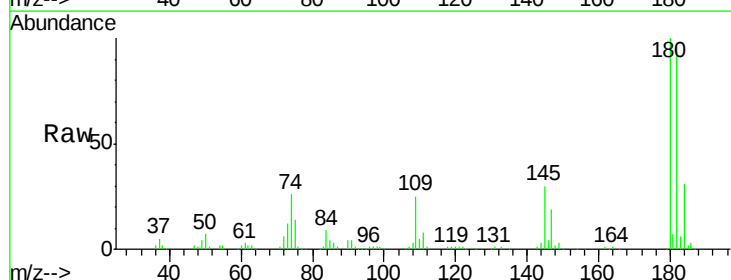
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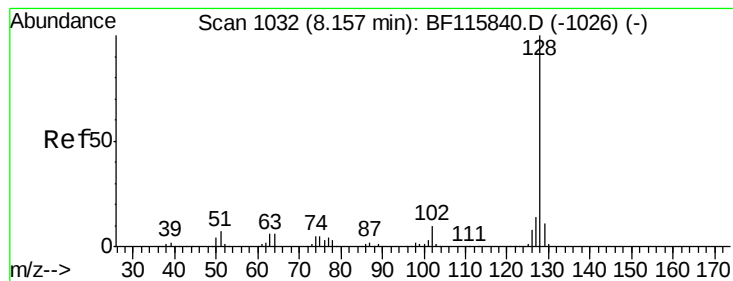
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.820 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	265563		
182	95.6	75.7	113.5	
145	30.4	24.3	36.5	





#31

Naphthalene

Concen: 34.836 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

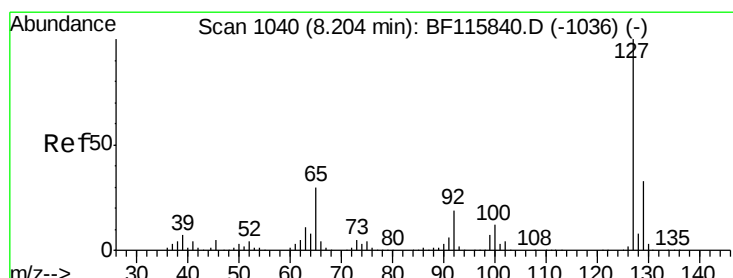
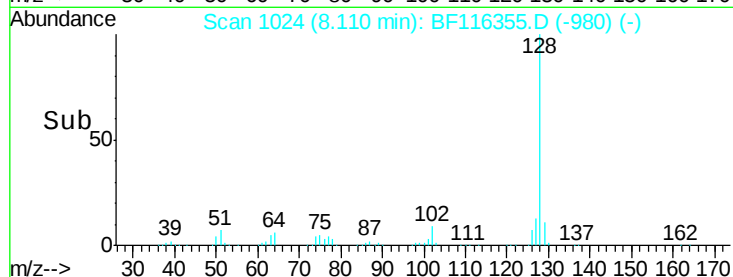
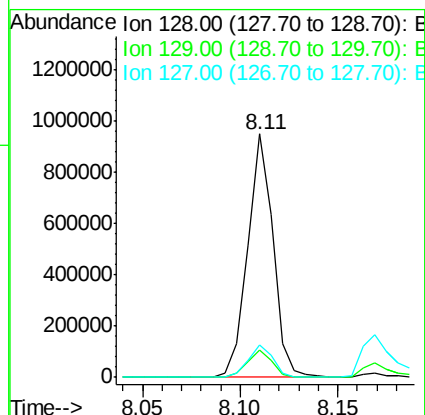
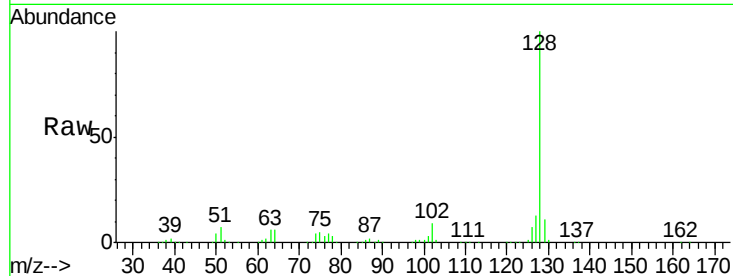
ClientSampleId :

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Tot Ion:	128	Resp:	856858
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.3	13.9
127	13.3	11.4	17.0

Manual Integrations
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#33

4-Chloroaniline

Concen: 19.577 ng

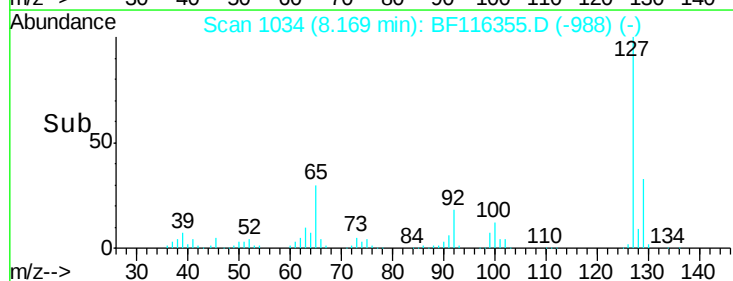
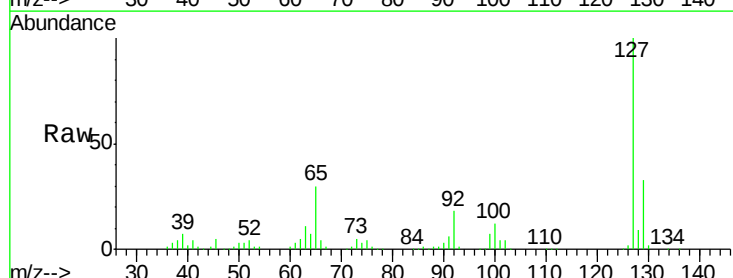
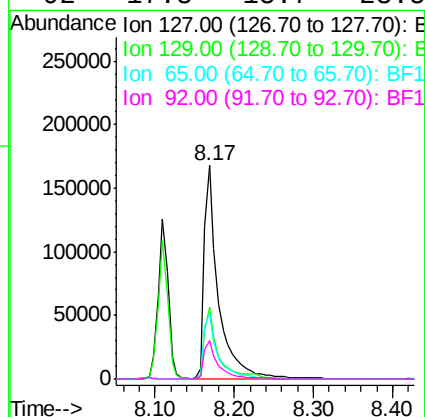
RT: 8.17 min Scan# 1034

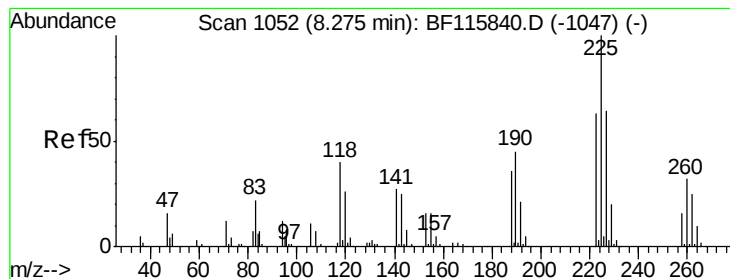
Delta R.T. -0.03 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	127	Resp:	215154
Ion Ratio	Lower	Upper	
127	100		
129	33.5	26.1	39.1
65	30.5	24.9	37.3
92	17.8	15.7	23.5





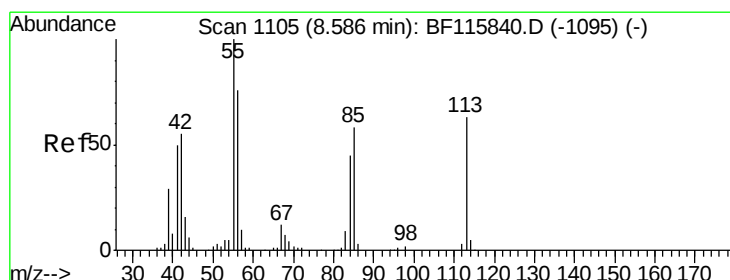
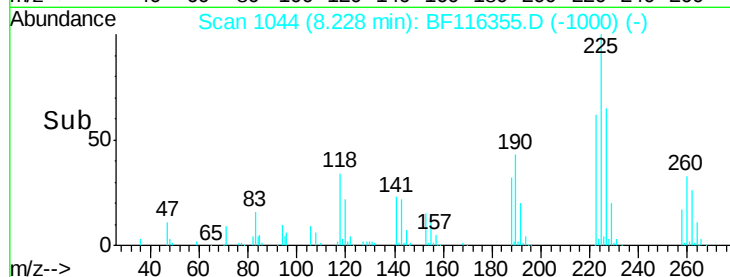
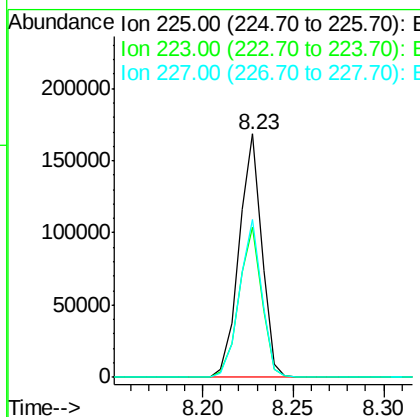
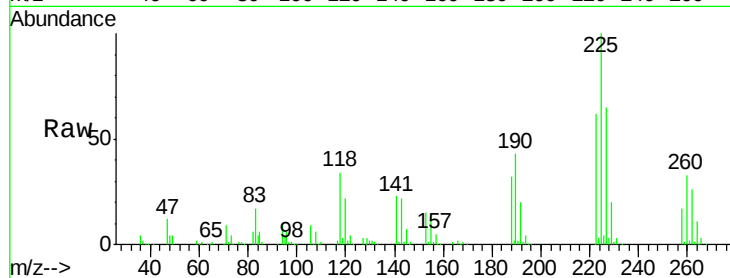
#34
Hexachlorobutadiene
Concen: 30.340 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	145849		
223	61.9	50.0	75.0	
227	64.7	51.0	76.4	

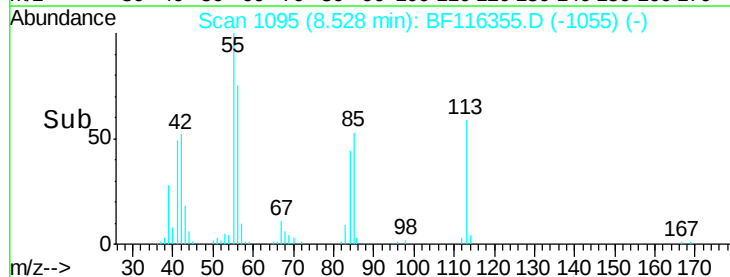
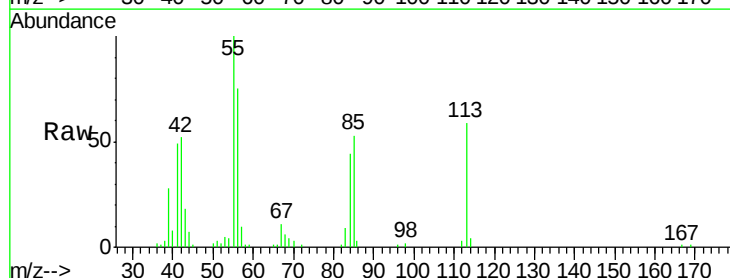
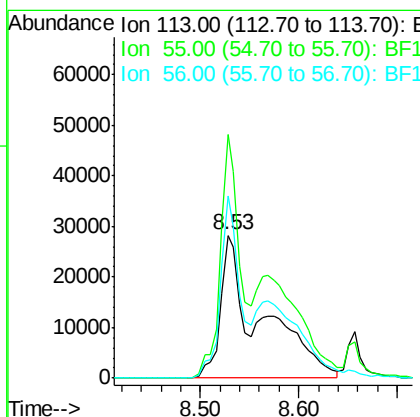
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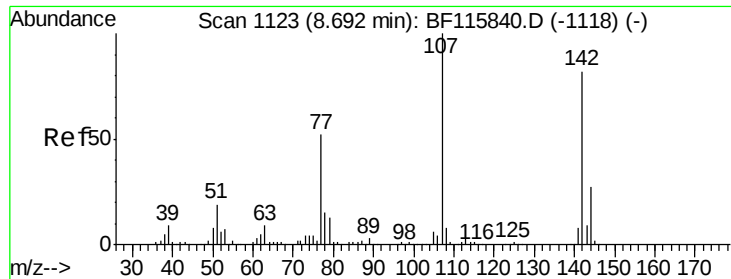
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#35
Caprolactam
Concen: 33.887 ng m
RT: 8.53 min Scan# 1095
Delta R.T. -0.06 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	80244		
55	170.8	144.3	184.3	
56	127.6	97.1	137.1	





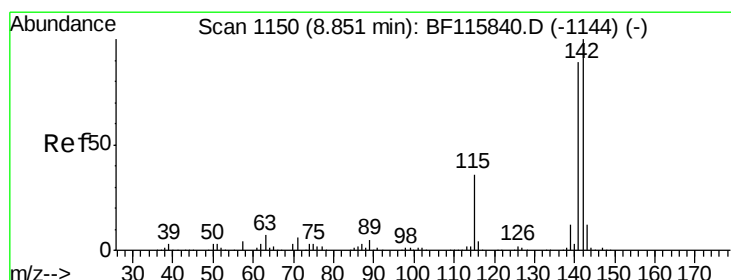
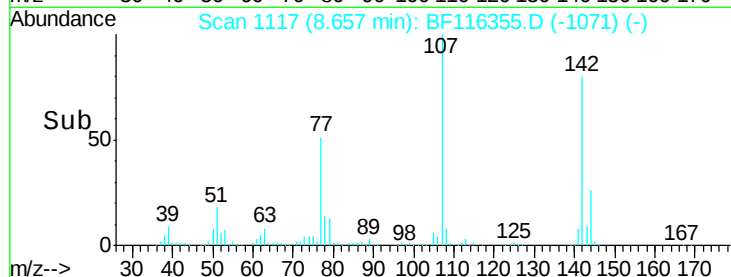
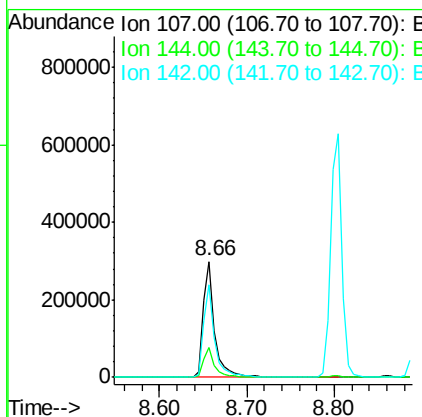
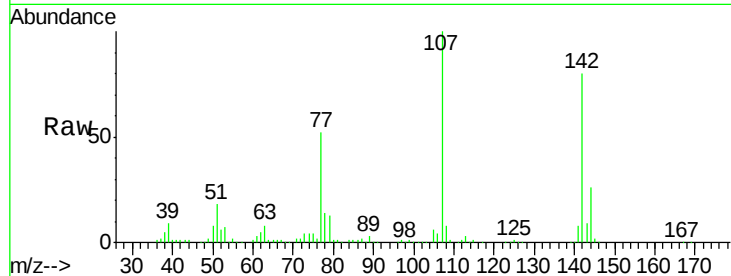
#36
 4-Chloro-3-methylphenol
 Concen: 35.924 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.03 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.2	30.2
142	80.4	61.7	92.5

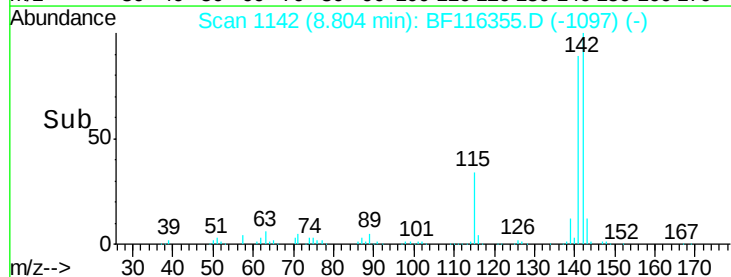
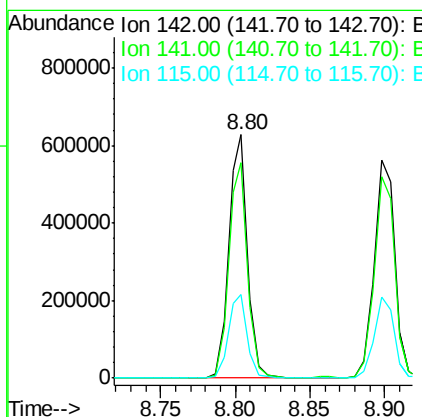
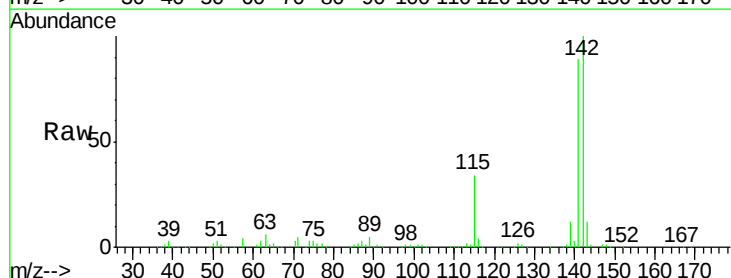
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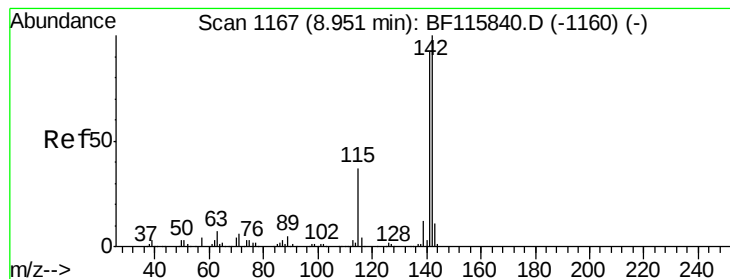
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#37
 2-Methylnaphthalene
 Concen: 34.189 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3
115	34.4	29.0	43.6





#38

1-Methylnaphthalene

Concen: 34.561 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

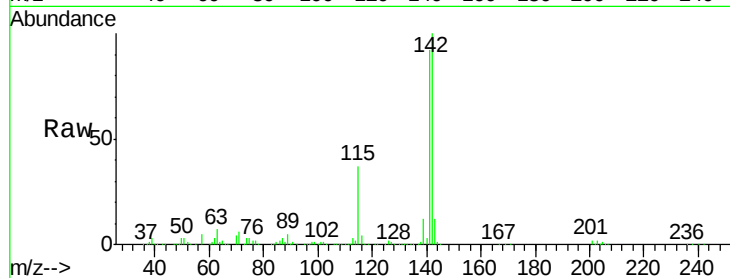
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

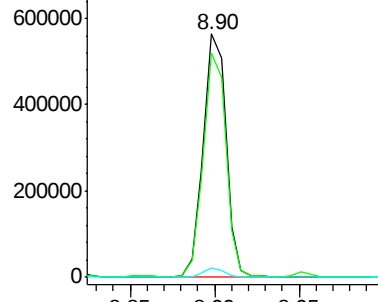
Tot Ion:	142	Resp:	529657
Ion Ratio	Lower	Upper	
142	100		
141	92.2	74.4	111.6
116	3.8	3.1	4.7

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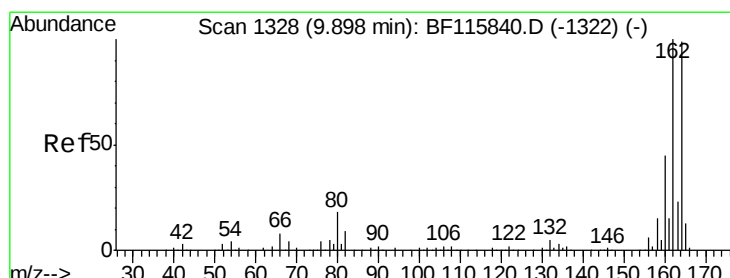
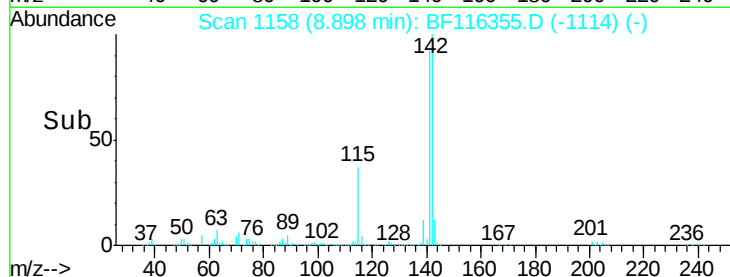
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

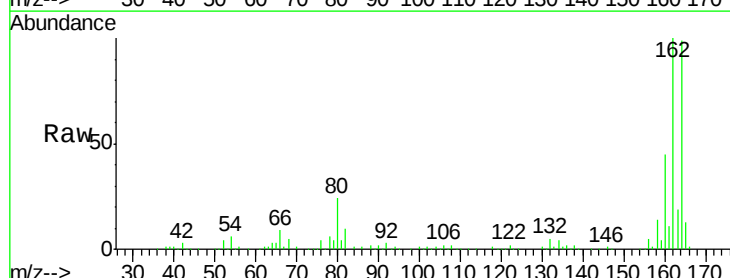
RT: 9.84 min Scan# 1318

Delta R.T. -0.05 min

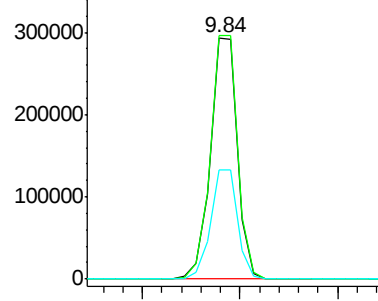
Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

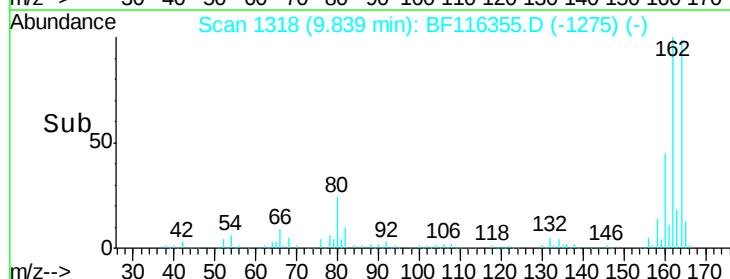
Tgt Ion:	164	Resp:	278661
Ion Ratio	Lower	Upper	
164	100		
162	100.9	82.6	124.0
160	45.2	37.6	56.4

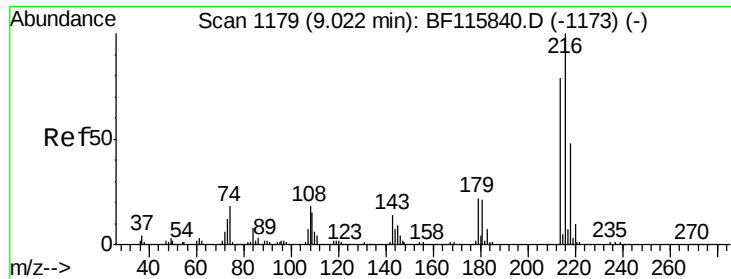


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





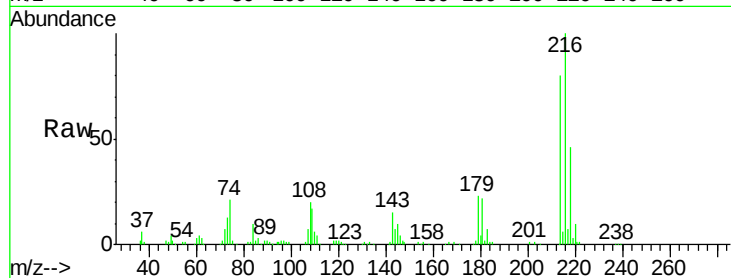
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.251 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

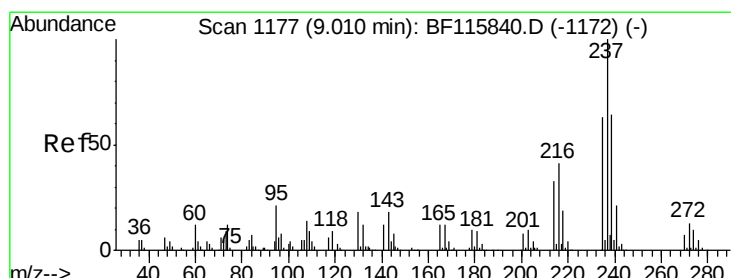
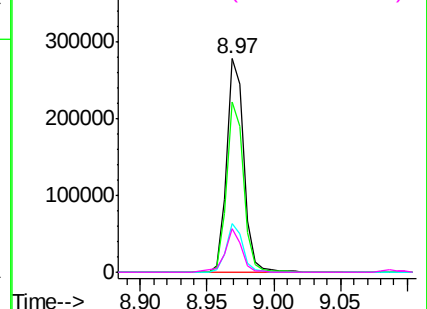
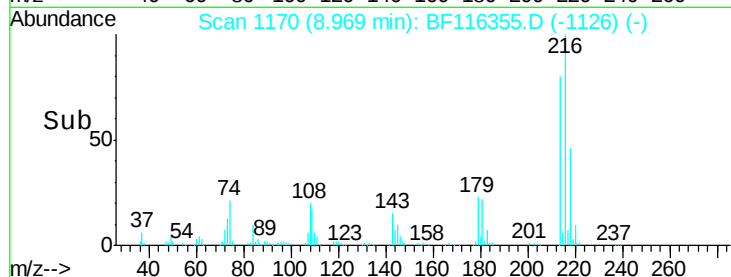
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.6	95.4
179	22.0	17.8	26.8
108	19.9	16.5	24.7

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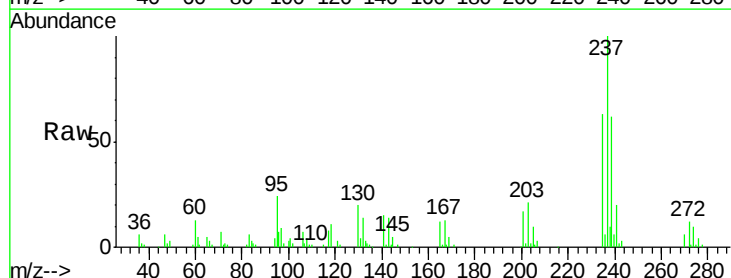


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

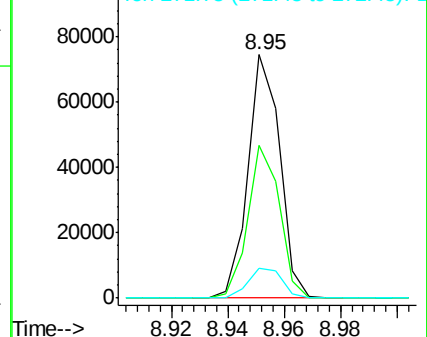
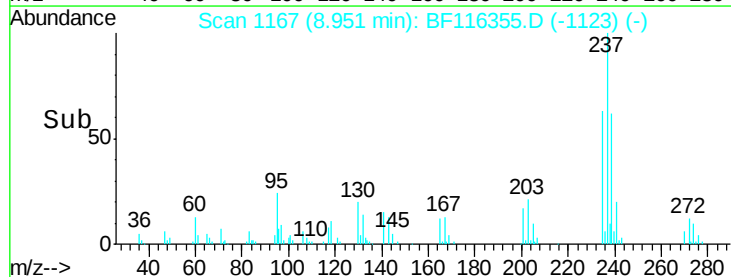


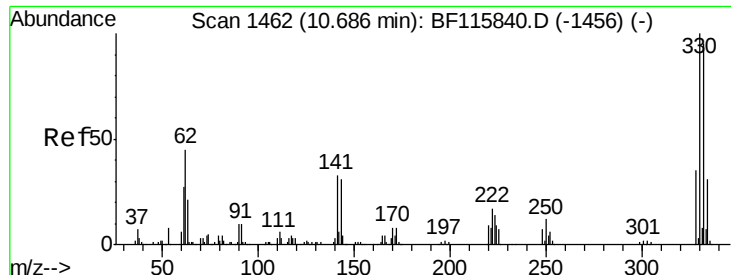
#41
 Hexachlorocyclopentadiene
 Concen: 22.036 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.4	83.4
272	12.3	0.0	33.2



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





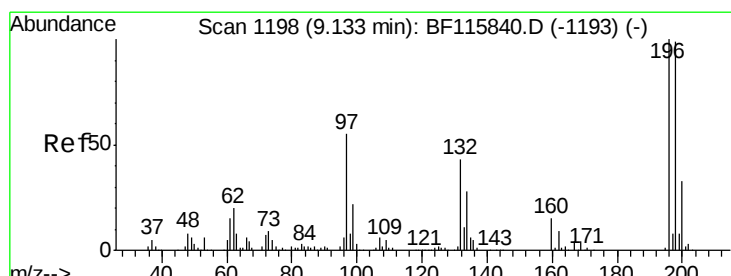
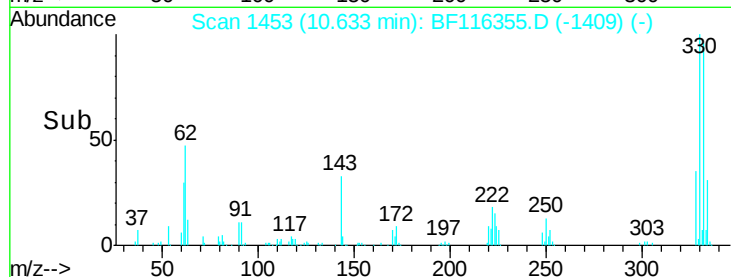
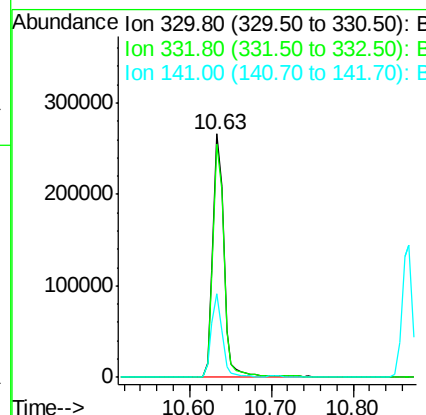
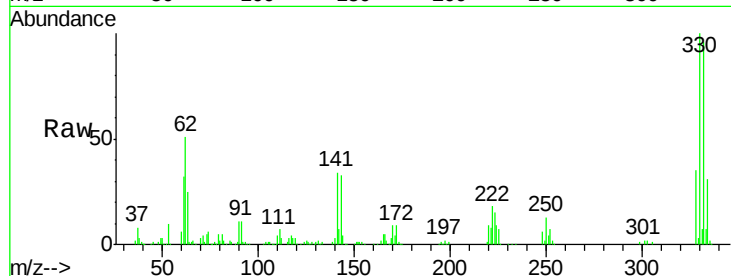
#42
 2,4,6-Tribromophenol
 Concen: 94.614 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	255619		
332	96.4	76.8	115.2	
141	33.5	26.3	39.5	

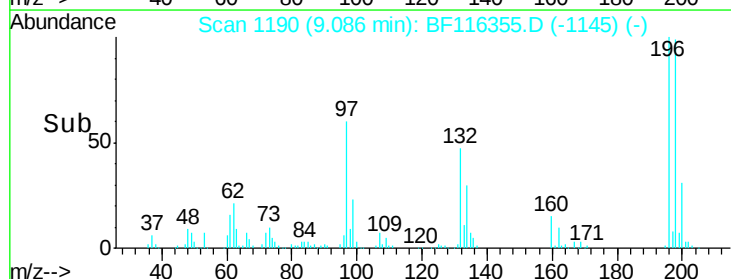
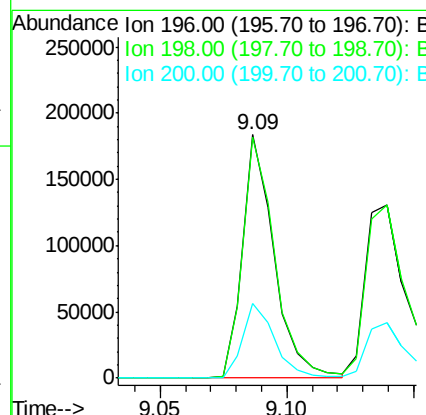
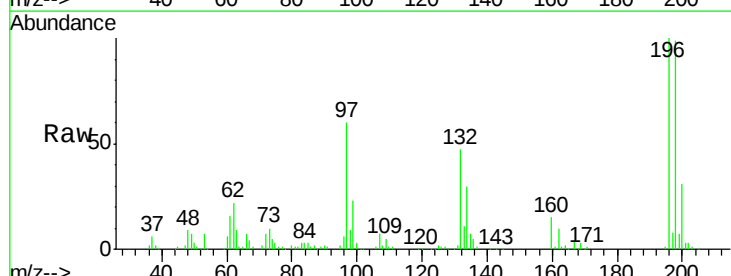
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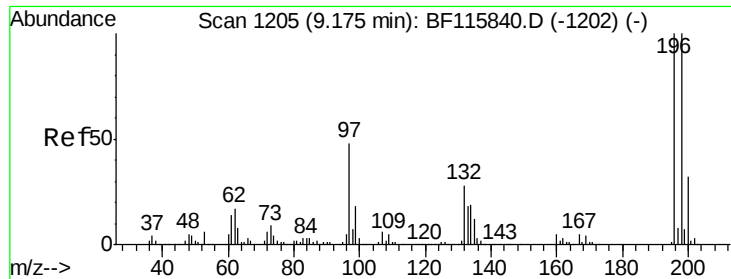
Jagrut
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#43
 2,4,6-Trichlorophenol
 Concen: 31.046 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159194		
198	99.1	79.2	118.8	
200	30.9	25.2	37.8	





#44

2,4,5-Trichlorophenol

Concen: 32.116 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.03 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

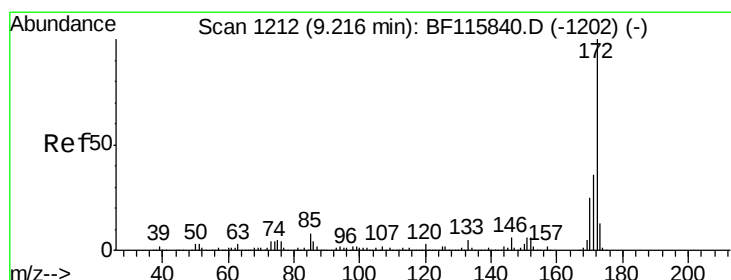
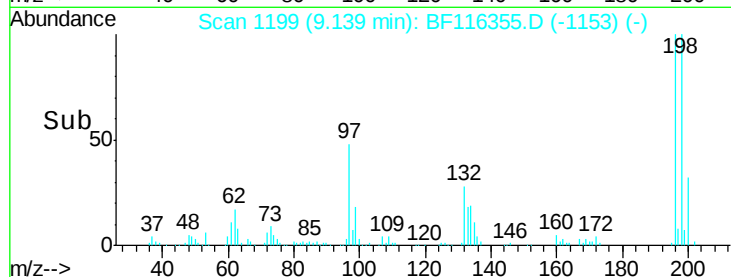
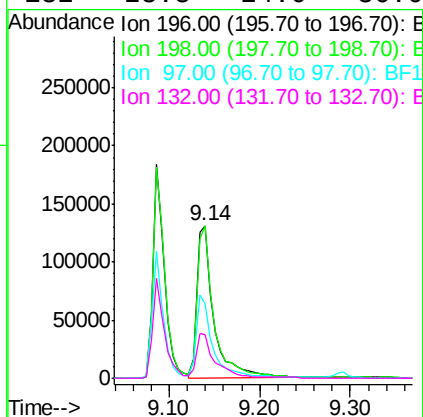
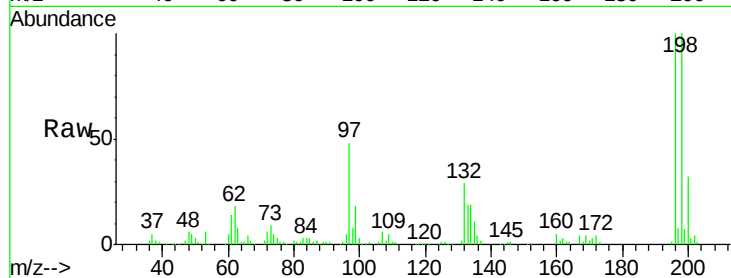
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	196	Resp:	170233
Ion Ratio	Lower	Upper	
196	100		
198	99.6	78.8	118.2
97	48.4	42.2	63.4
132	28.8	24.0	36.0

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#45

2-Fluorobiphenyl

Concen: 68.525 ng

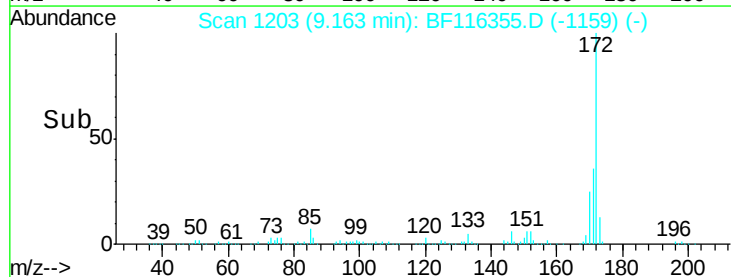
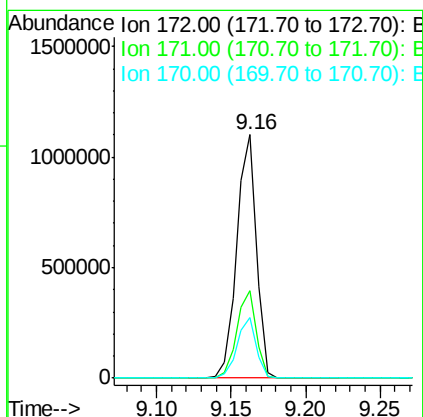
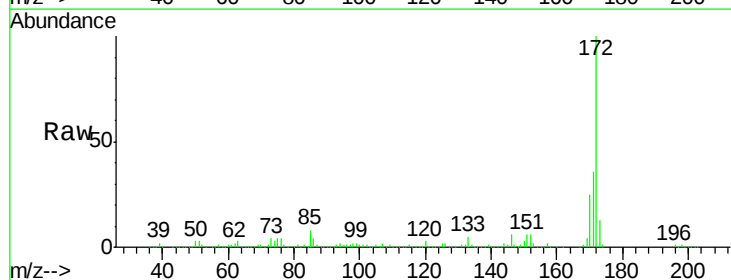
RT: 9.16 min Scan# 1203

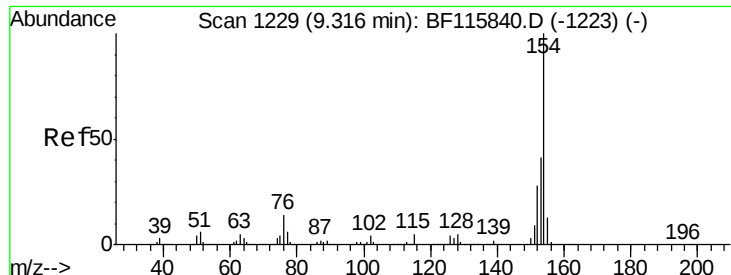
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	172	Resp:	1019466
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	25.1	20.1	30.1





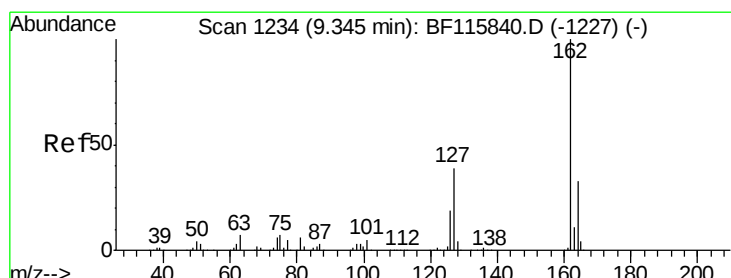
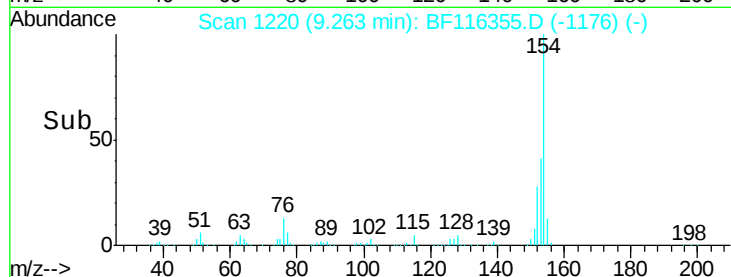
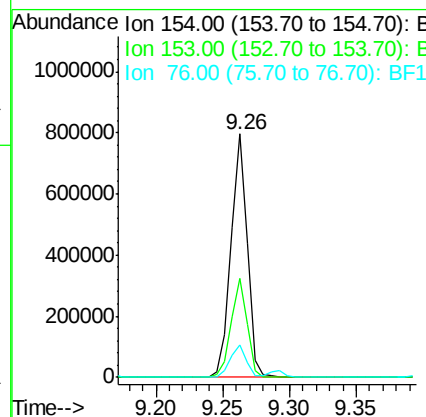
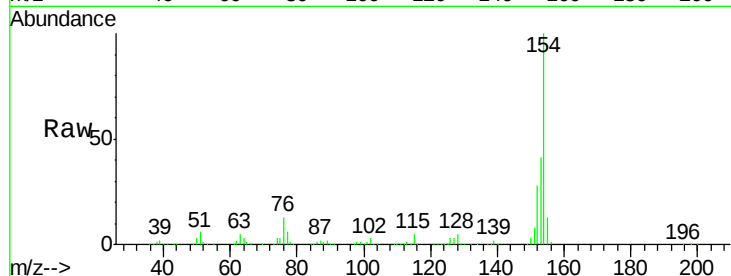
#46
 1,1'-Biphenyl
 Concen: 35.162 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	21.4	61.4	
76	13.5	0.0	35.2	

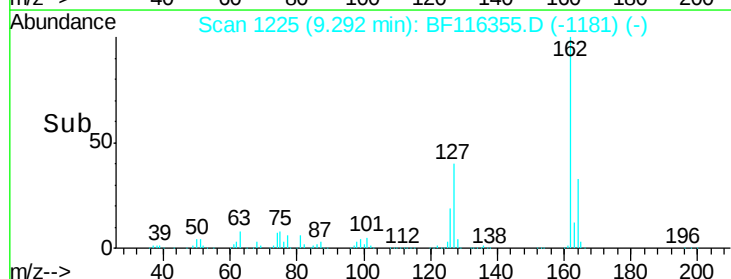
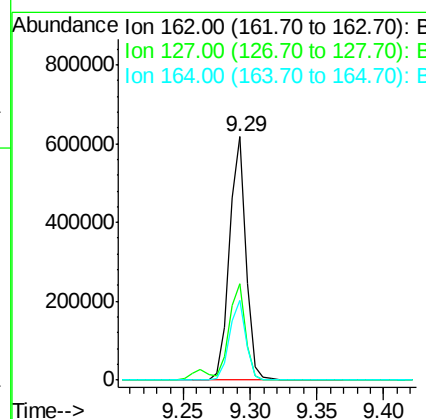
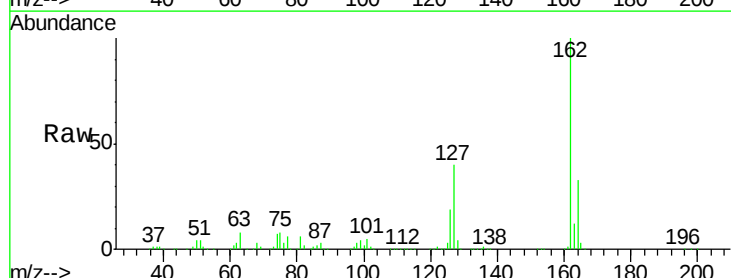
Manual Integrations
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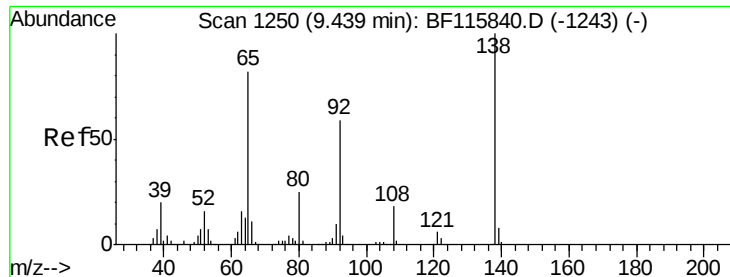
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#47
 2-Chloronaphthalene
 Concen: 32.934 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.7	32.8	49.2	
164	32.8	26.6	39.8	





#48

2-Nitroaniline

Concen: 33.061 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

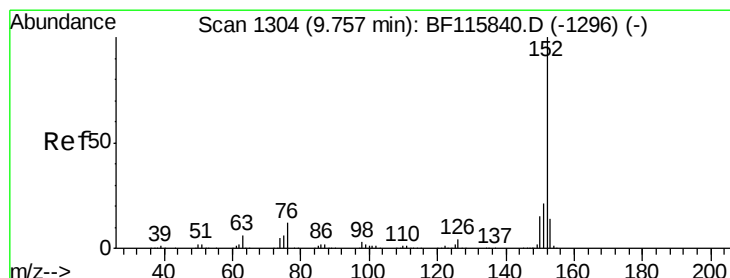
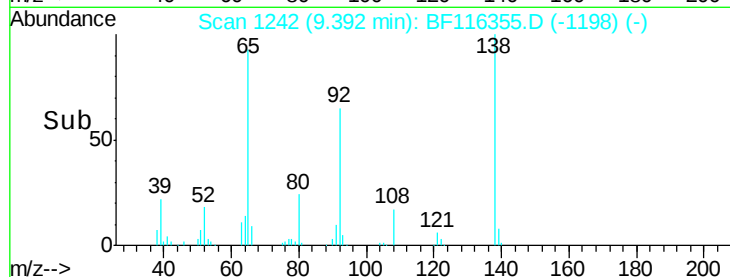
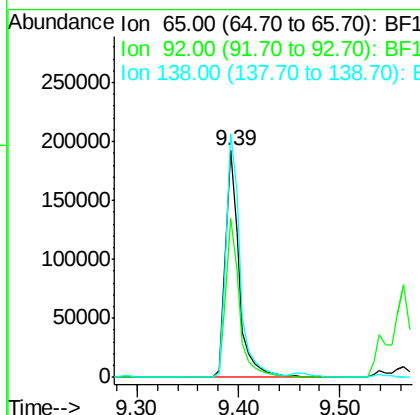
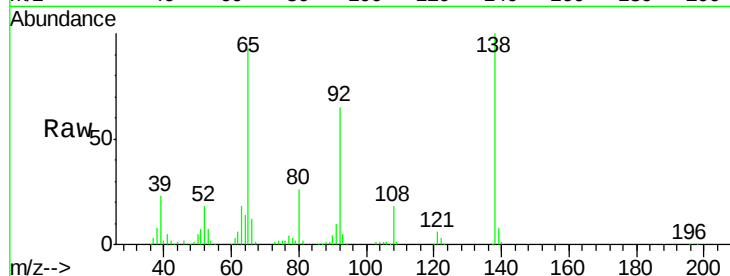
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	65	Resp:	178936
Ion Ratio	Lower	Upper	
65	100		
92	70.0	57.8	86.8
138	107.4	94.0	141.0

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#49

Acenaphthylene

Concen: 34.469 ng

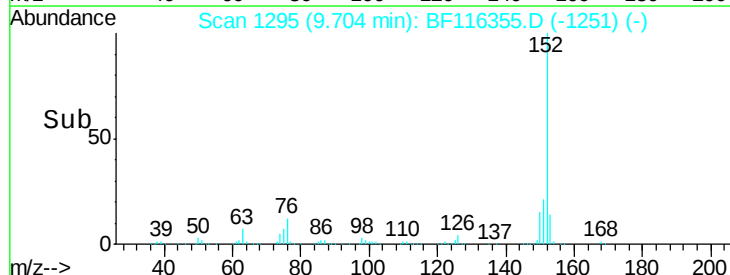
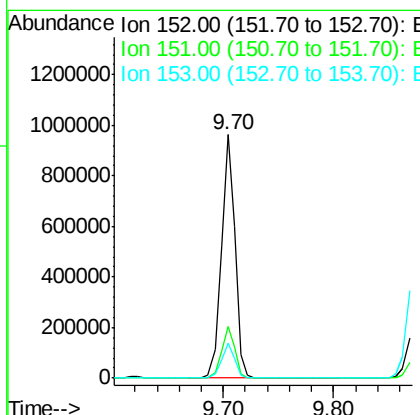
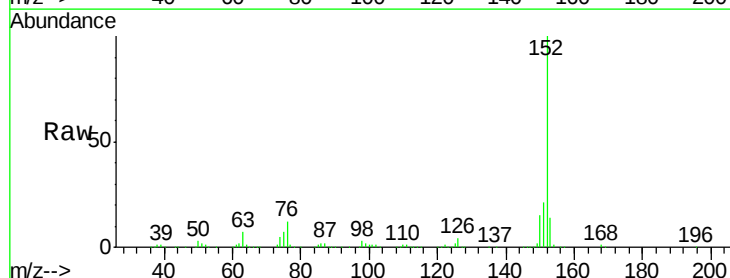
RT: 9.70 min Scan# 1295

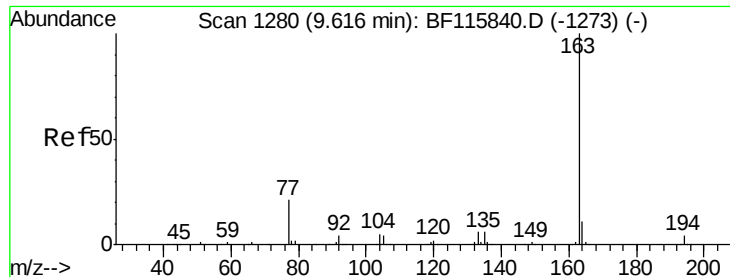
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	152	Resp:	823409
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.2	25.8
153	14.2	11.8	17.8





#50

Dimethylphthalate

Concen: 38.178 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

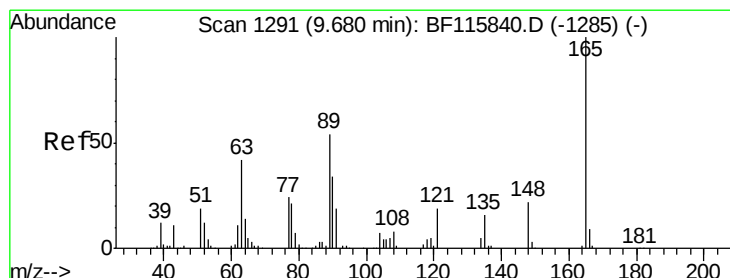
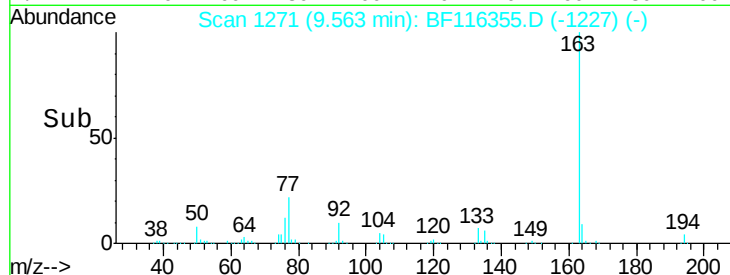
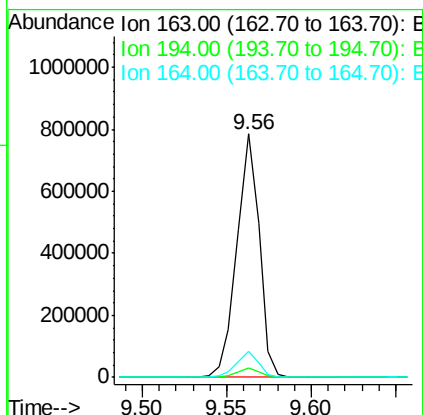
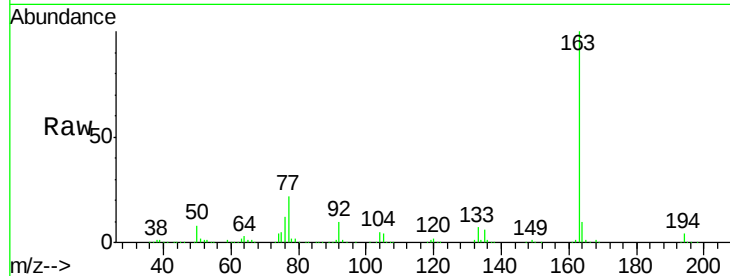
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	163	Resp:	724378
Ion Ratio		Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.4	8.4	12.6

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#51

2,6-Dinitrotoluene

Concen: 34.470 ng

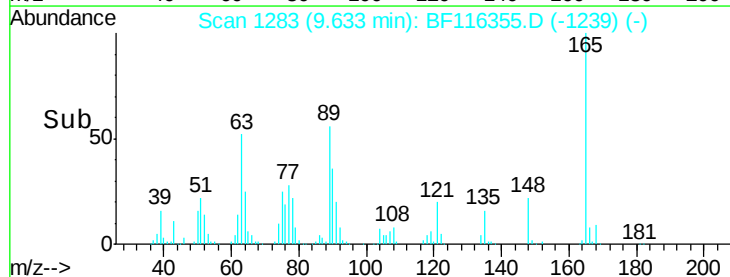
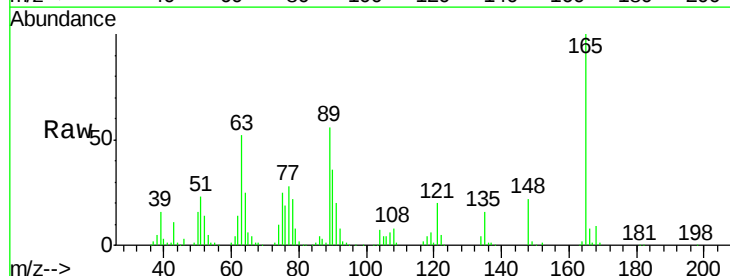
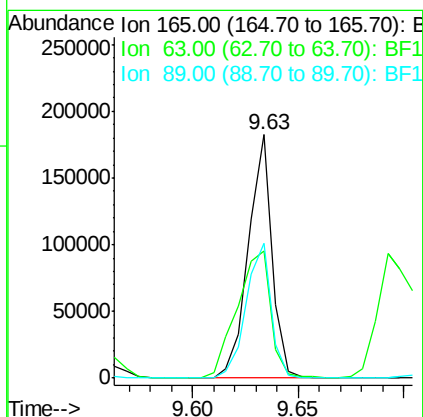
RT: 9.63 min Scan# 1283

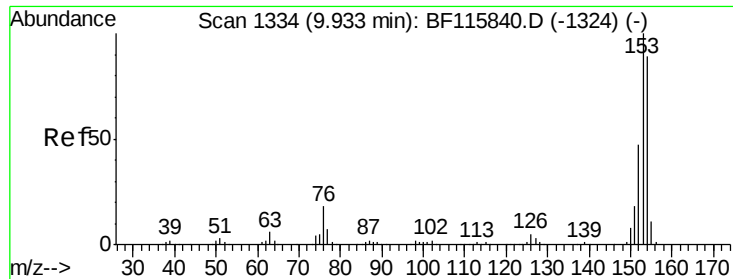
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	165	Resp:	142131
Ion Ratio		Lower	Upper
165	100		
63	52.1	38.2	57.2
89	55.6	42.9	64.3





#52

Acenaphthene

Concen: 33.901 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.05 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

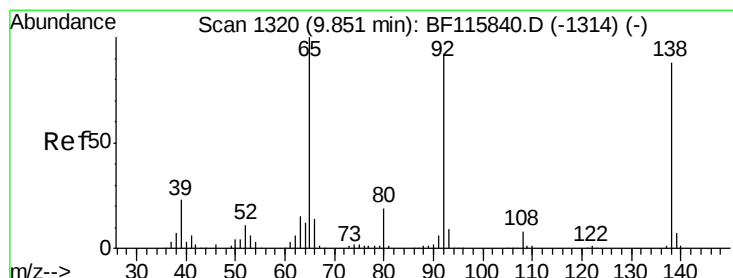
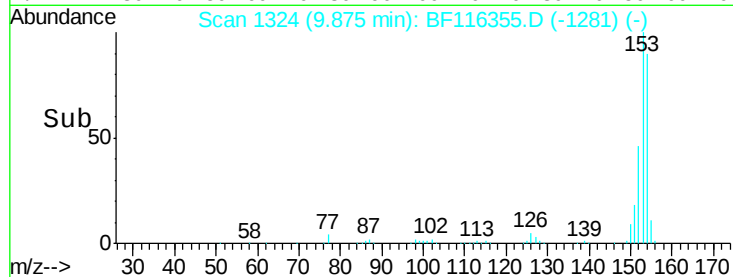
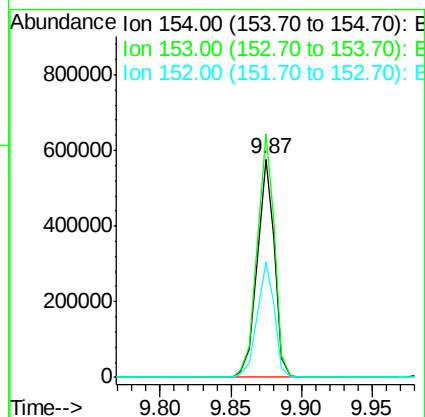
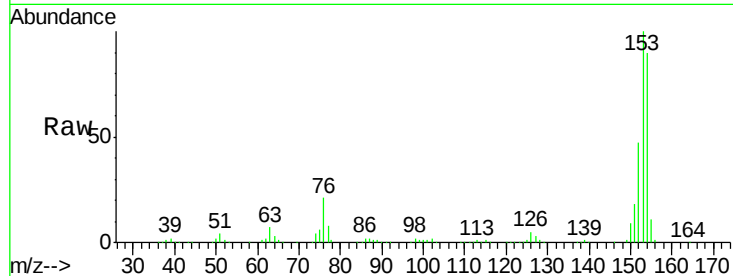
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	154	Resp:	496825
Ion Ratio	Lower	Upper	
154	100		
153	111.7	89.4	134.0
152	52.7	42.3	63.5

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#53

3-Nitroaniline

Concen: 25.902 ng

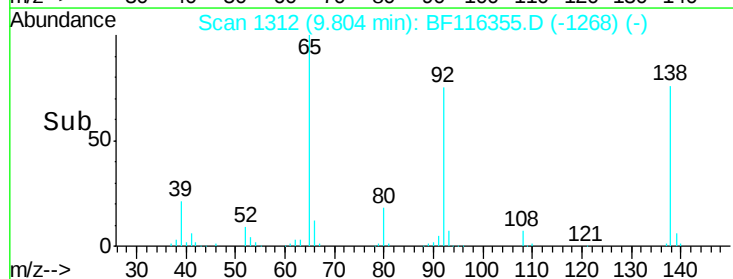
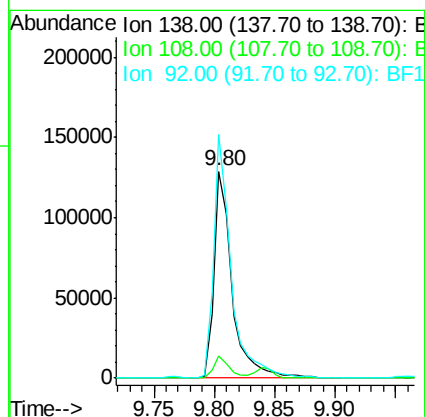
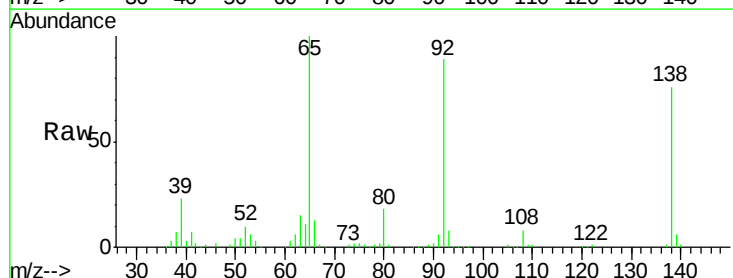
RT: 9.80 min Scan# 1312

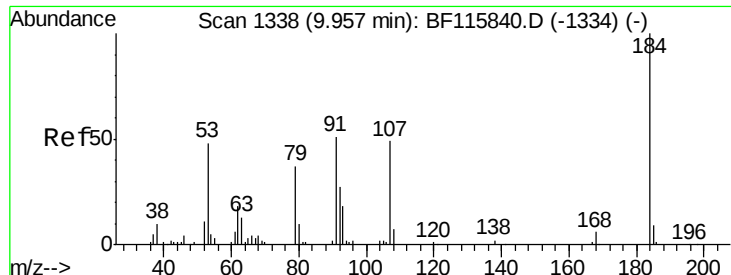
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	138	Resp:	131968
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.0	12.0
92	117.7	91.0	136.6





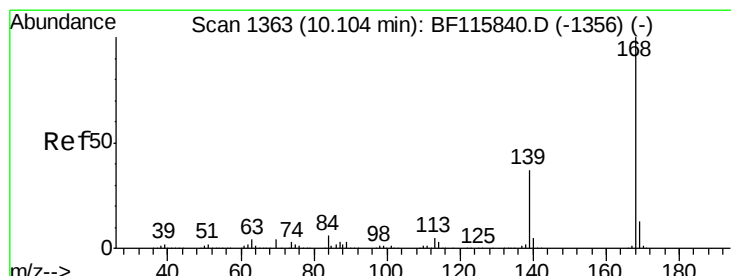
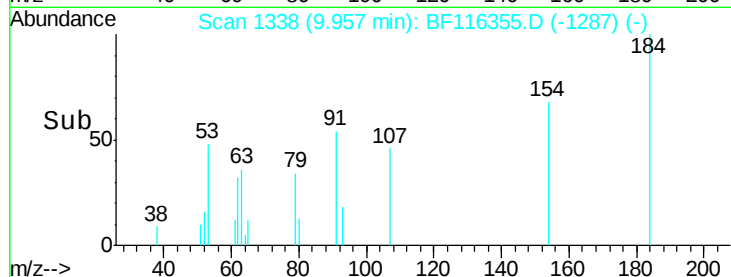
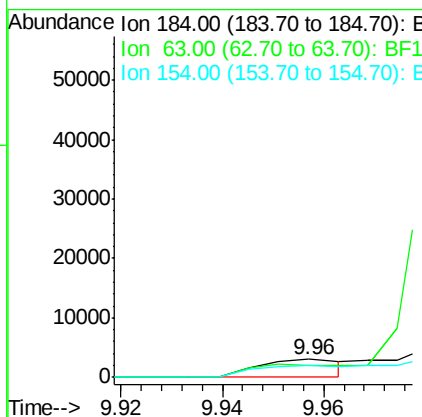
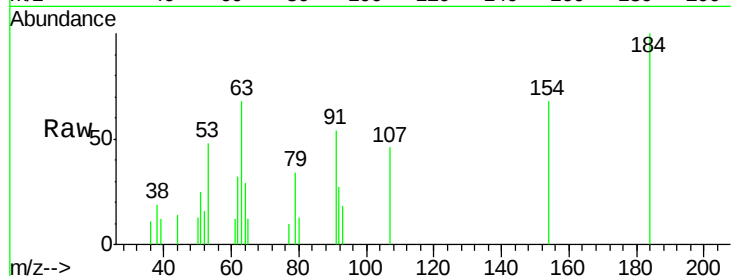
#54
 2,4-Dinitrophenol
 Concen: 9.297 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	184	Resp:	3451
Ion Ratio	Lower	Upper	
184	100		
63	67.9	53.0	79.4
154	68.4	50.1	75.1

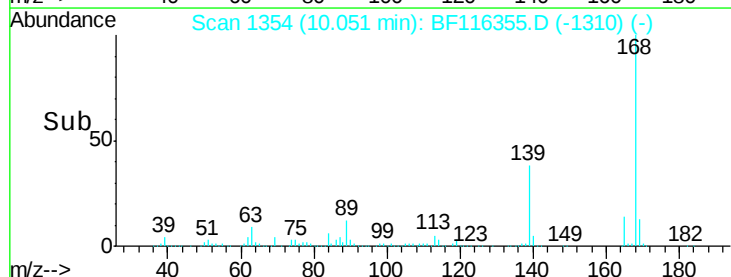
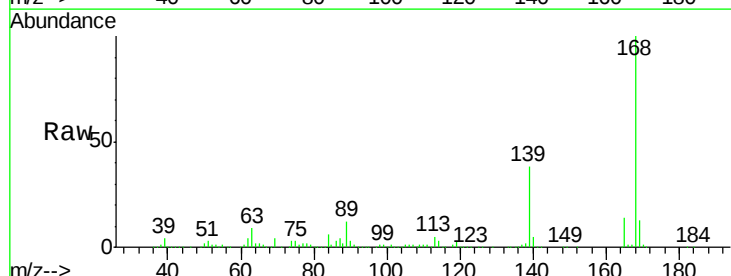
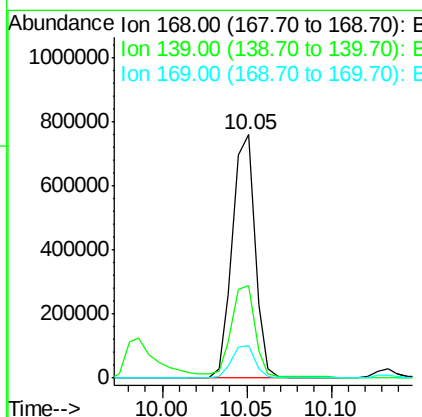
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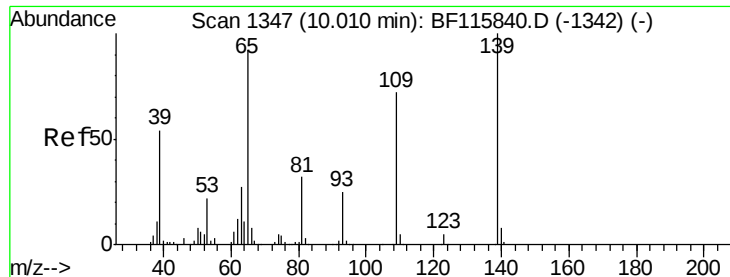
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#55
 Dibenzofuran
 Concen: 33.408 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion:	168	Resp:	711992
Ion Ratio	Lower	Upper	
168	100		
139	38.3	31.4	47.2
169	13.2	10.9	16.3





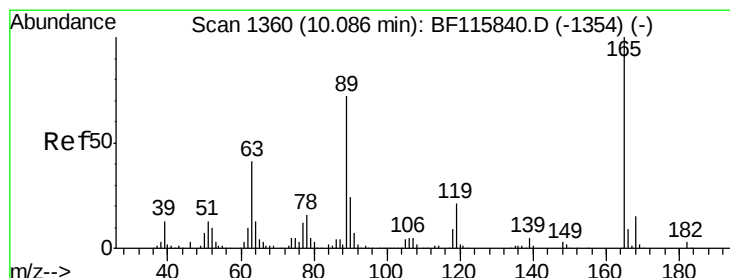
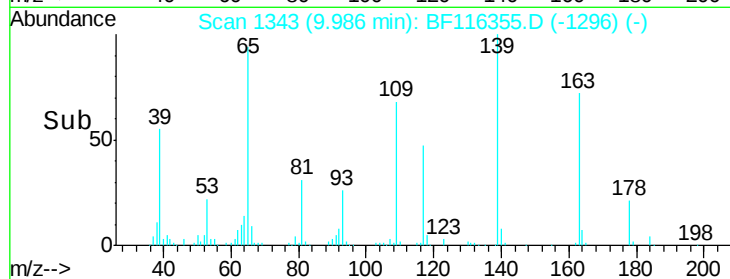
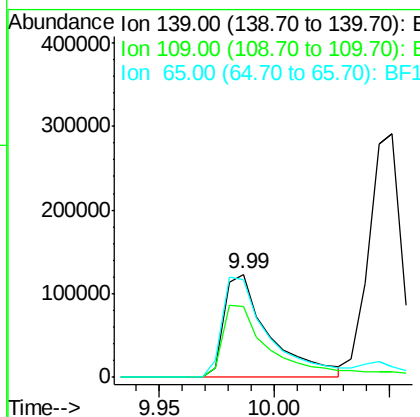
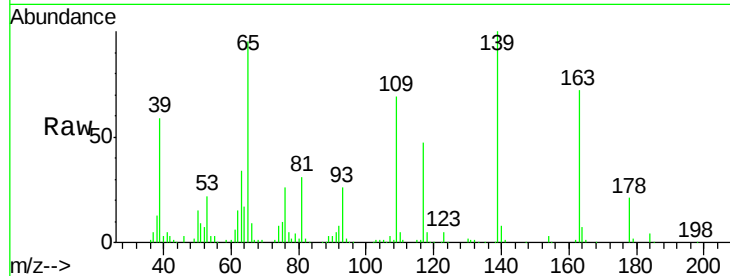
#56
4-Nitrophenol
Concen: 51.105 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	166796		
109	68.9	54.4	94.4	
65	94.6	80.6	120.6	

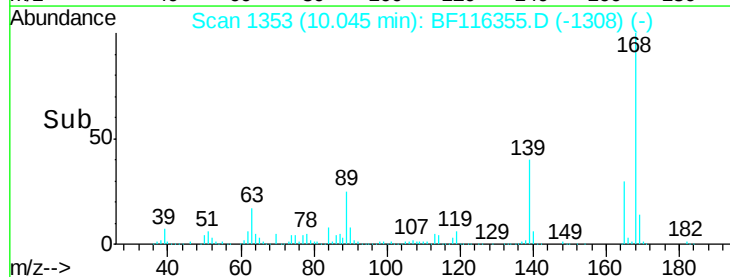
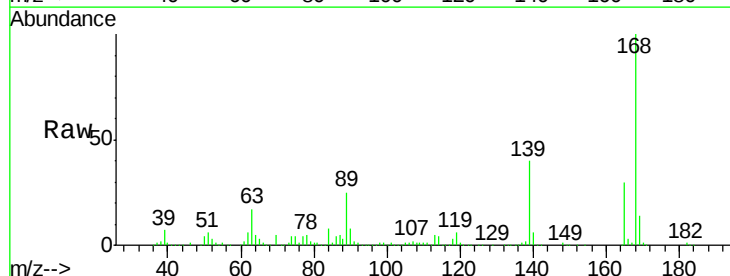
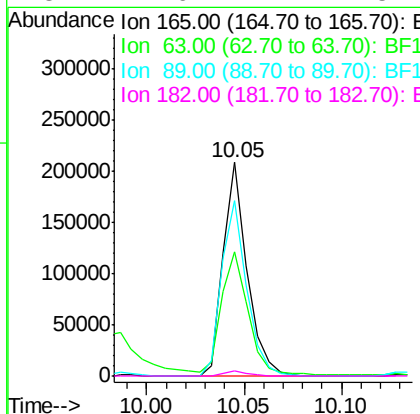
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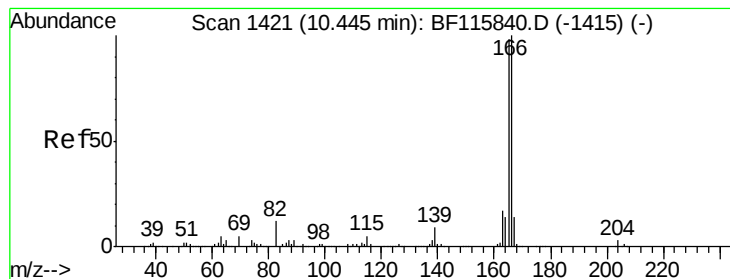
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#57
2,4-Dinitrotoluene
Concen: 32.351 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	177605		
63	58.1	39.6	59.4	
89	82.2	62.2	93.2	
182	2.6	2.1	3.1	





#58

Fluorene

Concen: 35.198 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

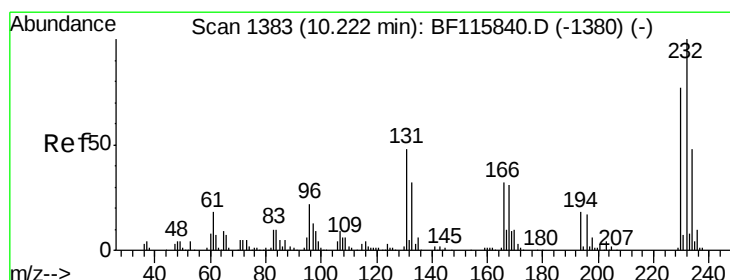
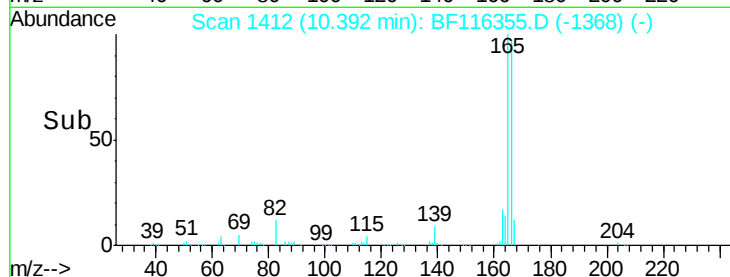
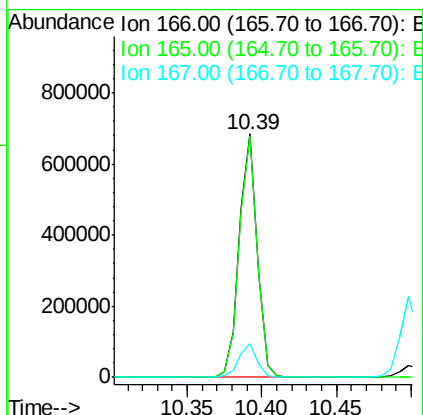
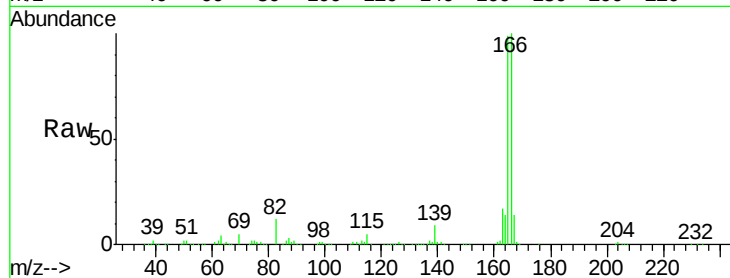
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	166	Resp:	577151
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.4	117.6
167	13.6	11.0	16.4

Manual Integrations
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#59

2,3,4,6-Tetrachlorophenol

Concen: 30.659 ng

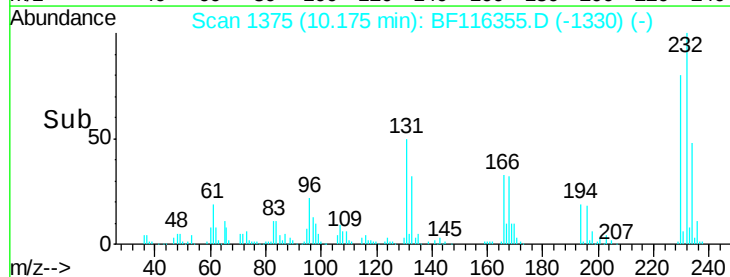
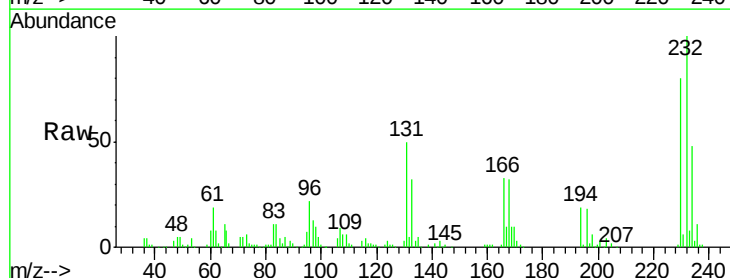
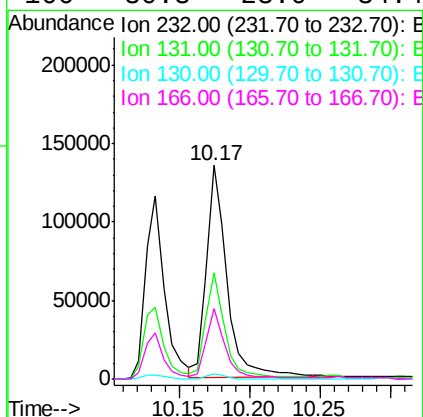
RT: 10.17 min Scan# 1375

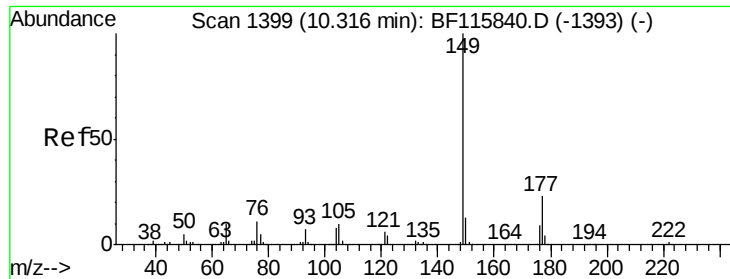
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	232	Resp:	136724
Ion Ratio	Lower	Upper	
232	100		
131	46.8	36.2	54.2
130	2.2	1.9	2.9
166	30.3	23.0	34.4





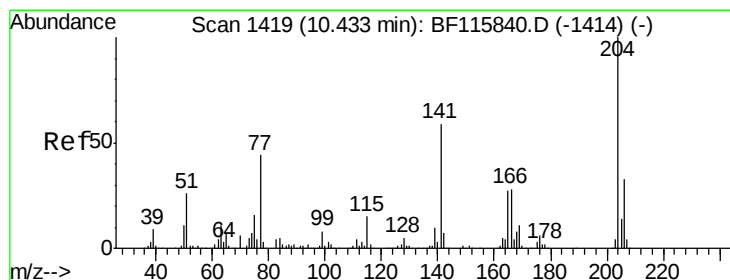
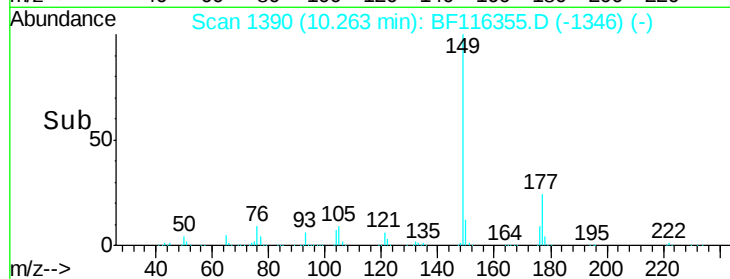
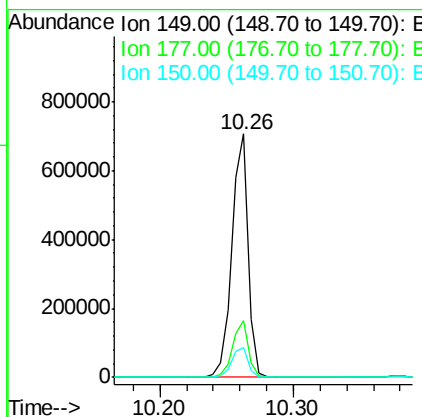
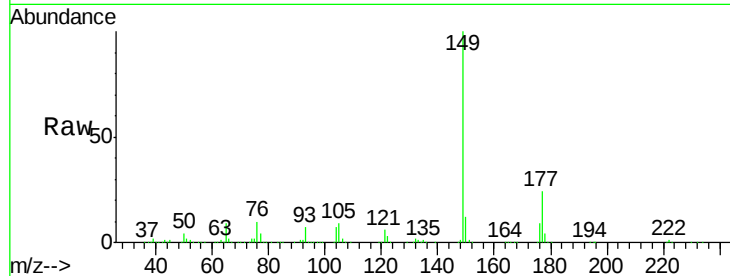
#60
Diethylphthalate
Concen: 34.382 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	609058		
177	23.6	18.8	28.2	
150	12.4	10.2	15.4	

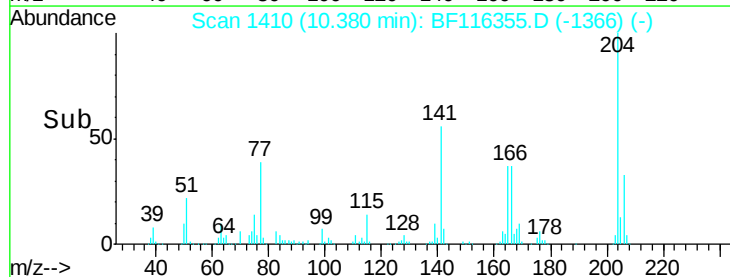
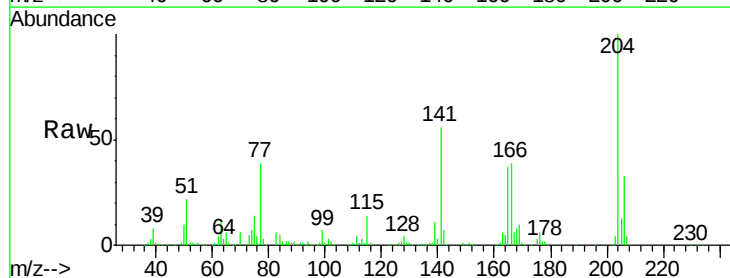
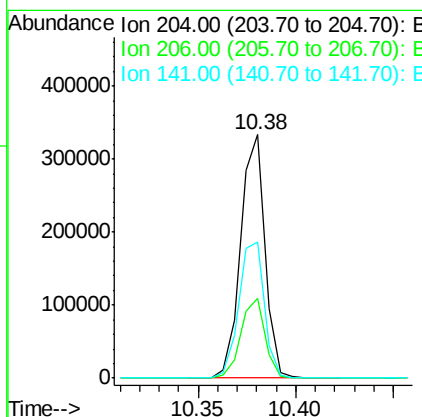
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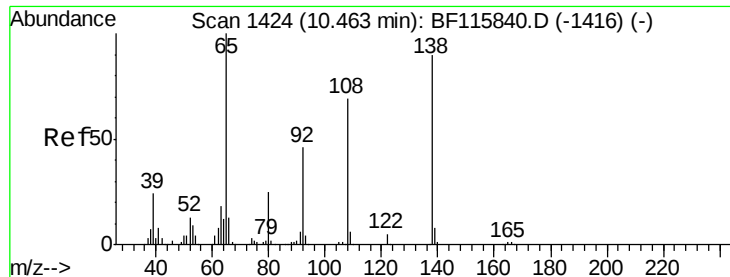
Jagrut
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#61
4-Chlorophenyl-phenylether
Concen: 34.694 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	288110		
206	32.6	26.4	39.6	
141	55.7	46.4	69.6	





#62

4-Nitroaniline

Concen: 28.349 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

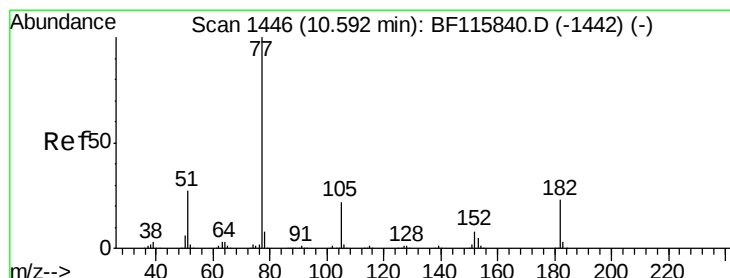
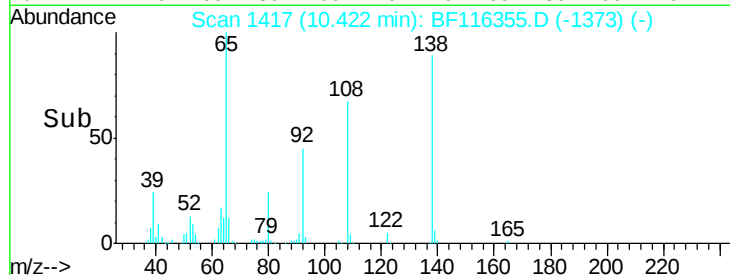
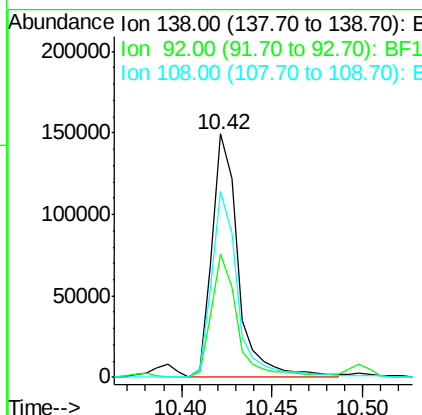
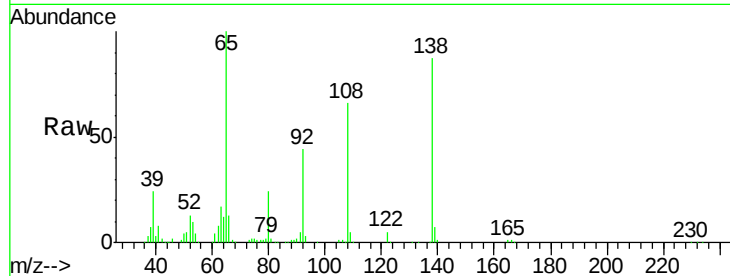
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	138	Resp:	149263
Ion Ratio	Lower	Upper	
138	100		
92	50.5	29.0	69.0
108	76.2	54.7	94.7

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#63

Azobenzene

Concen: 34.614 ng

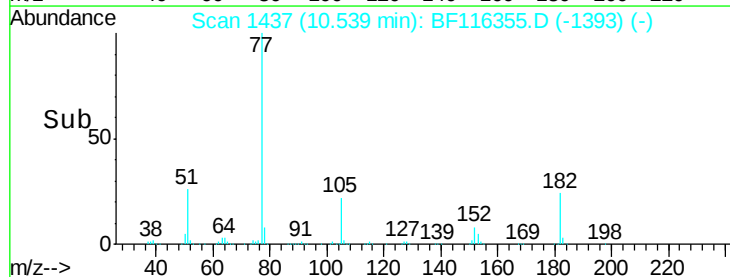
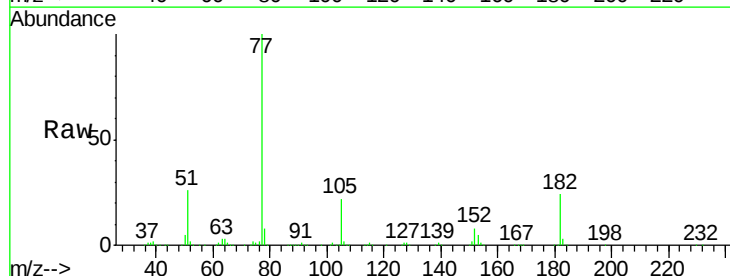
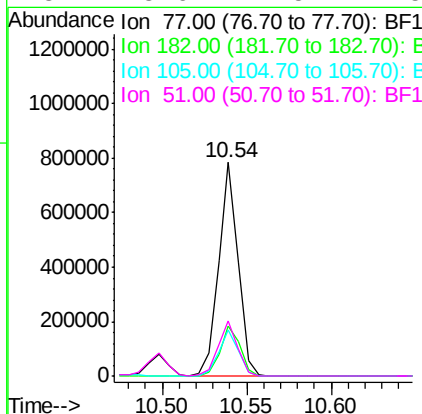
RT: 10.54 min Scan# 1437

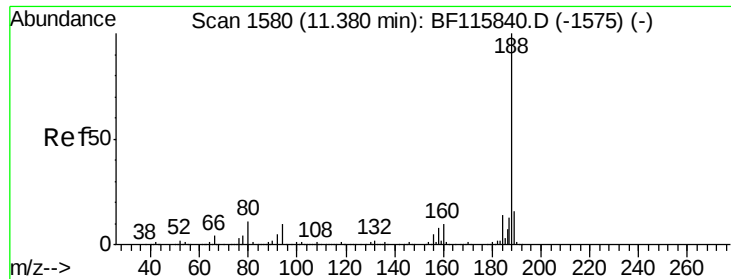
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	77	Resp:	630670
Ion Ratio	Lower	Upper	
77	100		
182	23.6	4.0	44.0
105	21.9	2.0	42.0
51	25.6	7.5	47.5





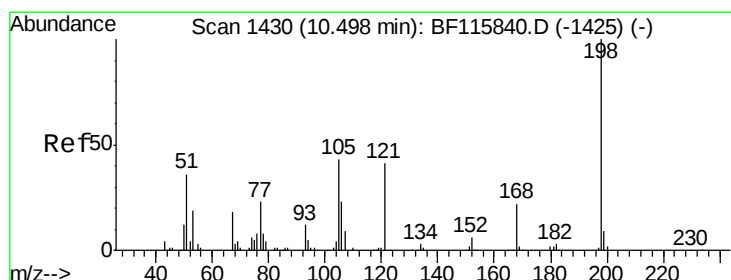
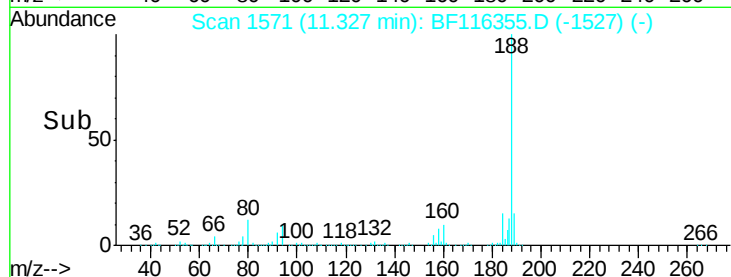
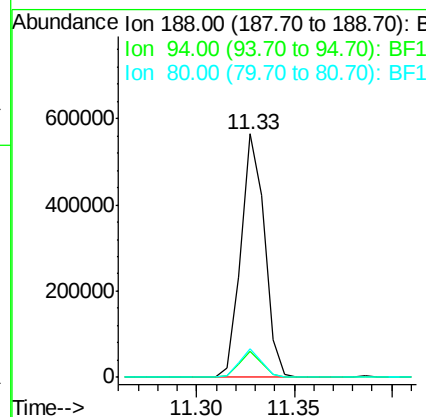
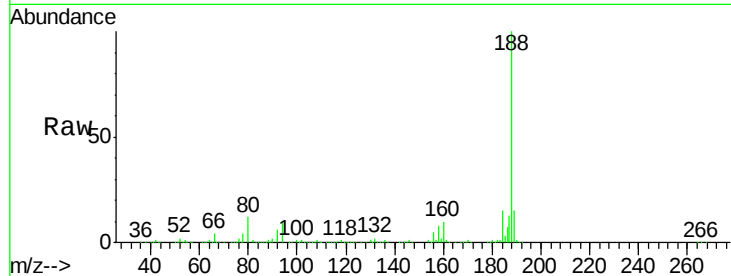
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	473749		
94	10.5		8.1	12.1
80	11.6		8.7	13.1

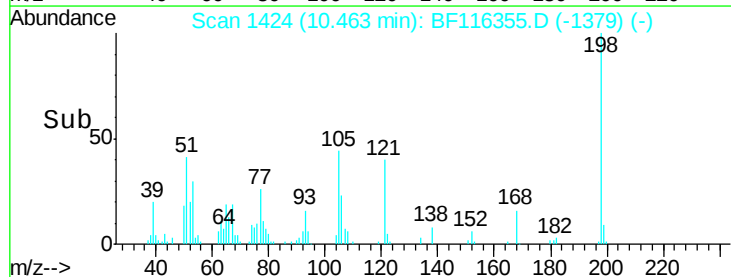
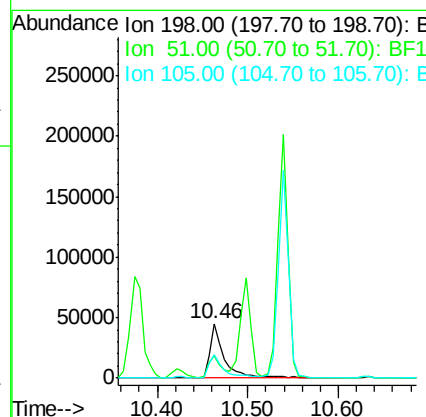
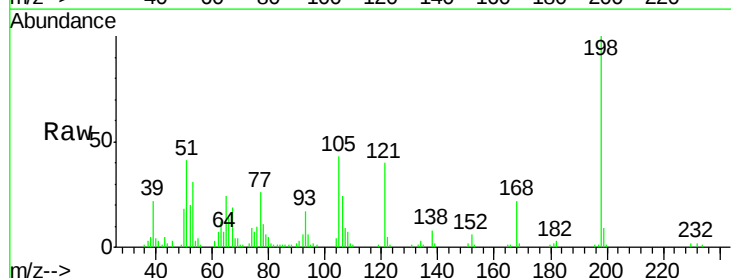
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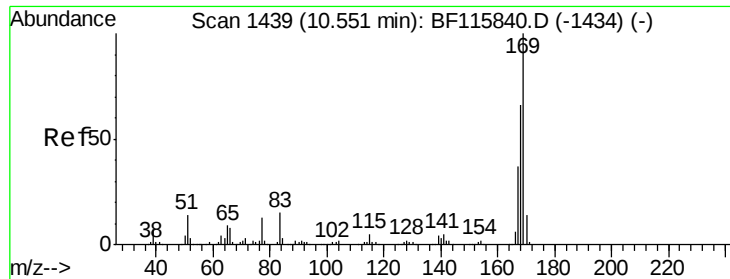
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#65
4,6-Dinitro-2-methylphenol
Concen: 20.491 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	51445		
51	41.4		17.0	57.0
105	43.3		21.6	61.6





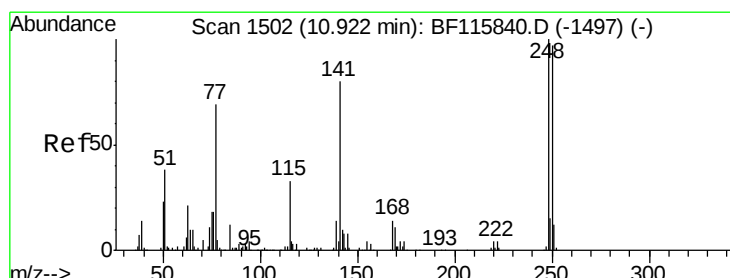
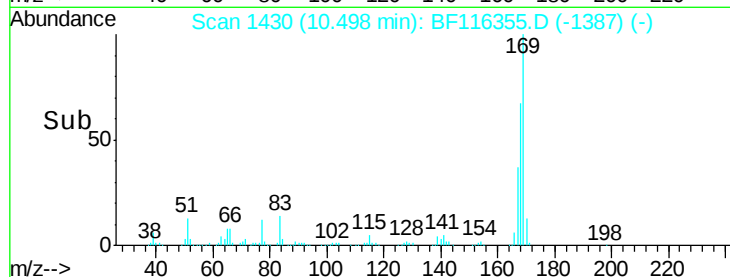
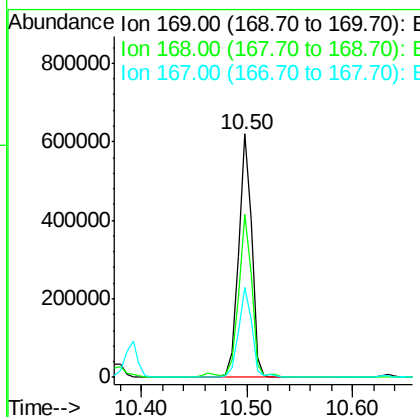
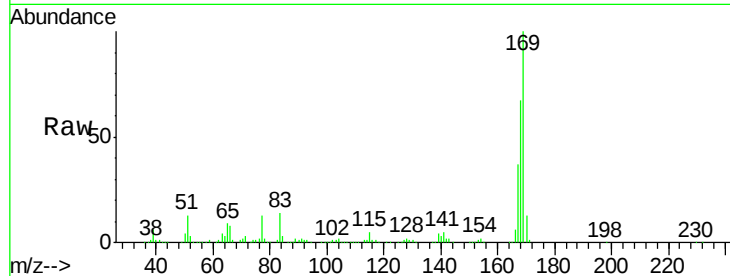
#66
n-Nitrosodiphenylamine
Concen: 36.287 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.05 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.8	80.6
167	36.8	29.6	44.4

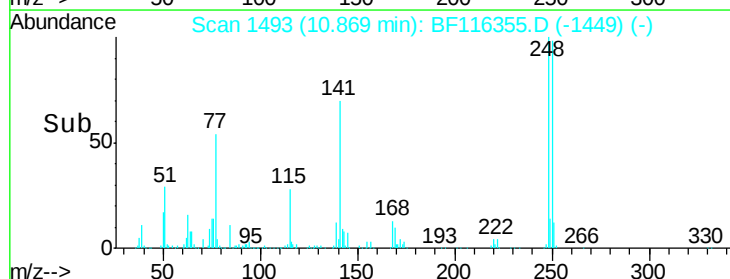
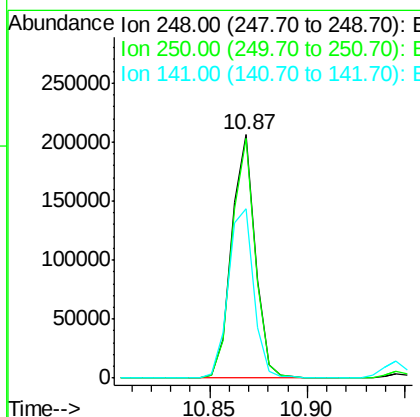
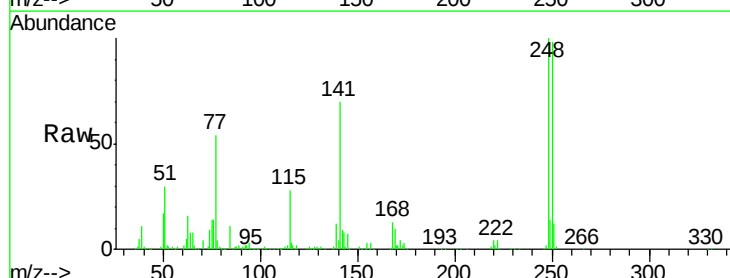
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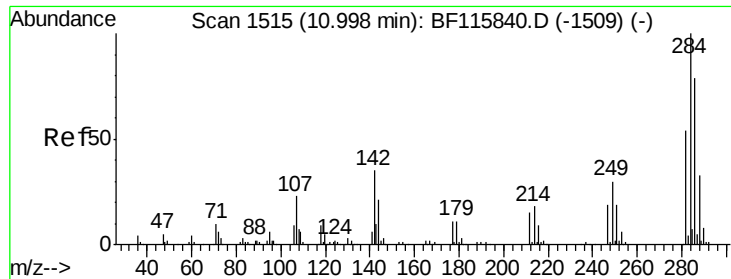
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#67
4-Bromophenyl-phenylether
Concen: 34.080 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.4	116.2
141	69.8	56.8	85.2





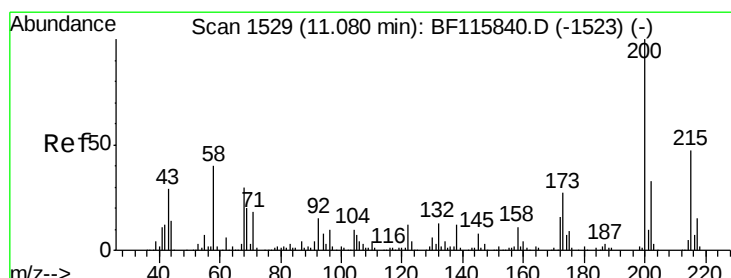
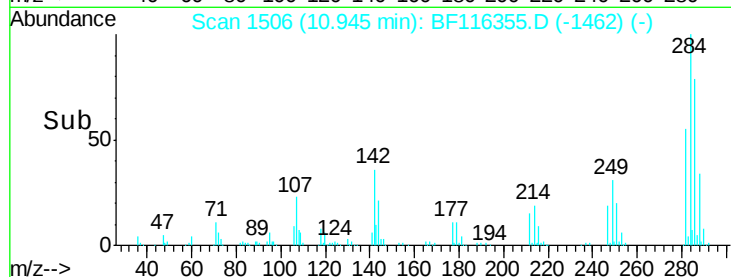
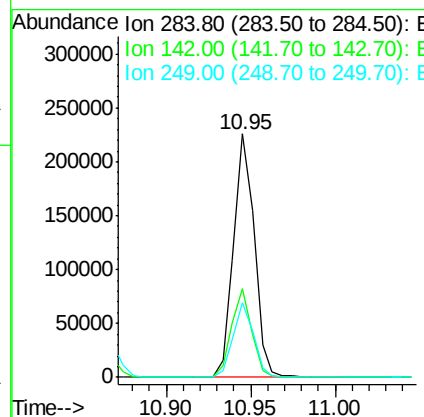
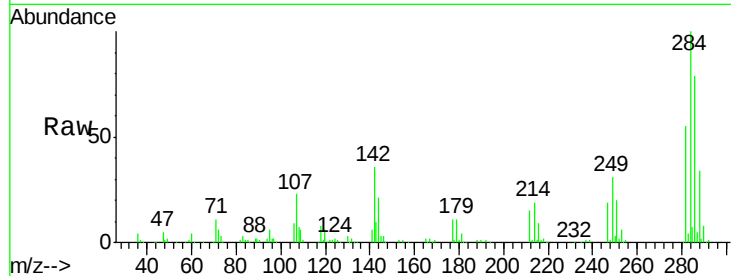
#68
Hexachlorobenzene
Concen: 32.940 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	193172		
142	36.4	28.4	42.6	
249	30.7	24.5	36.7	

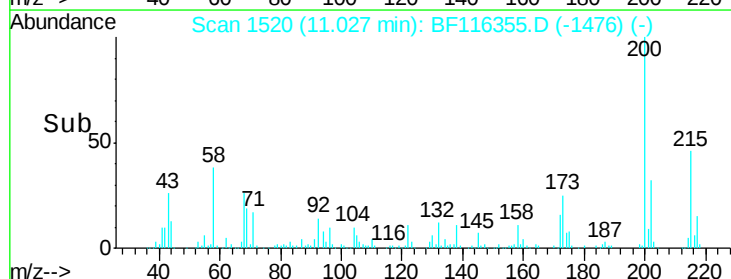
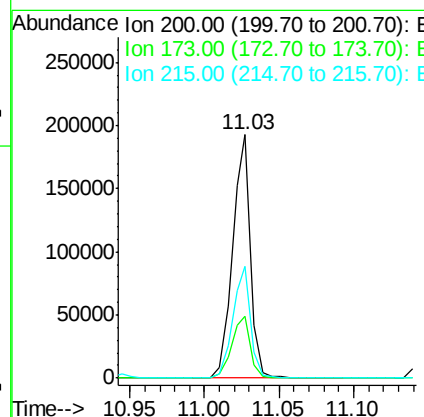
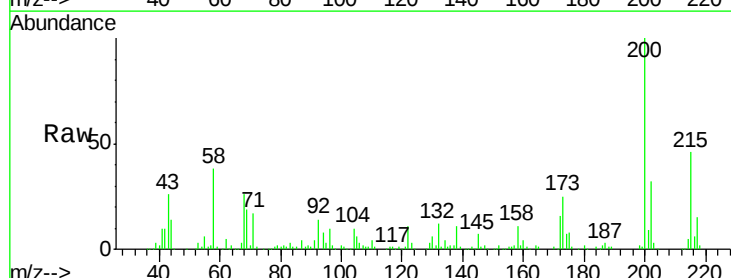
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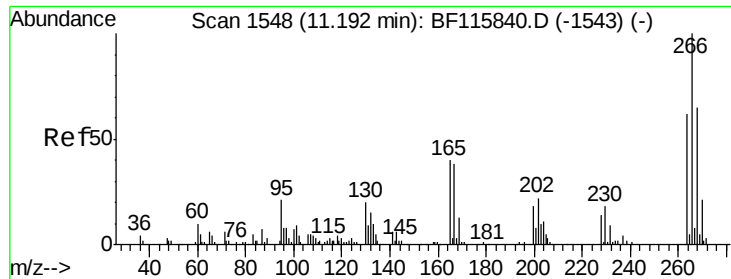
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#69
Atrazine
Concen: 34.813 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	163310		
173	25.2	6.8	46.8	
215	46.1	27.5	67.5	





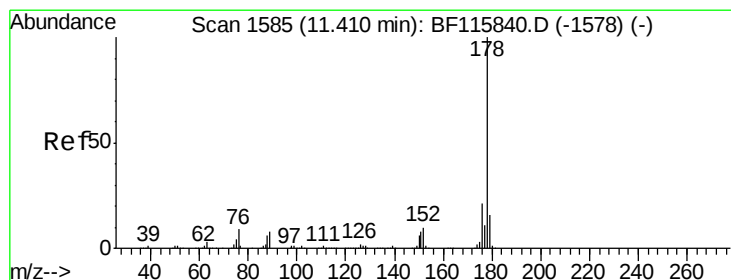
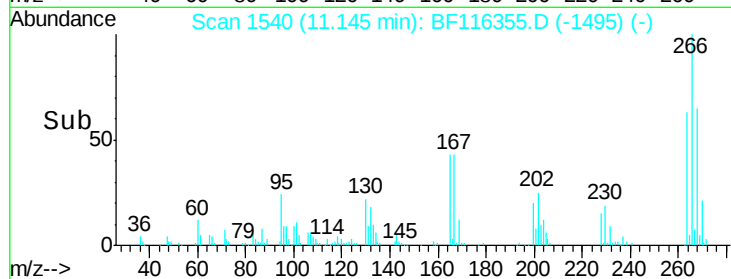
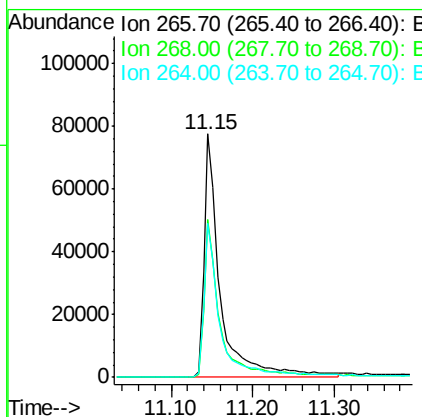
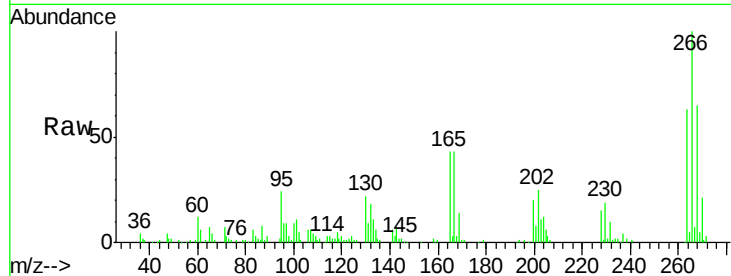
#70
 Pentachlorophenol
 Concen: 38.174 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	108685		
268	64.6	48.8	73.2	
264	63.4	50.6	76.0	

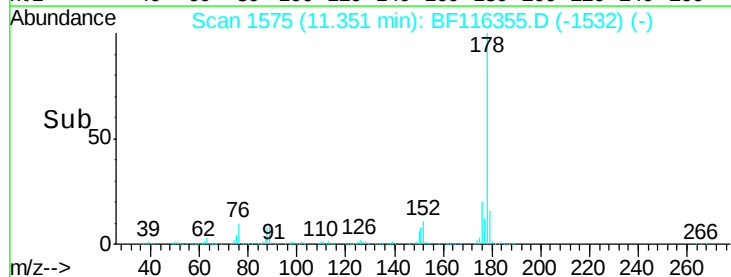
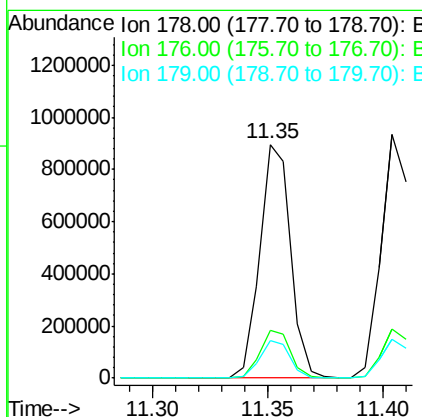
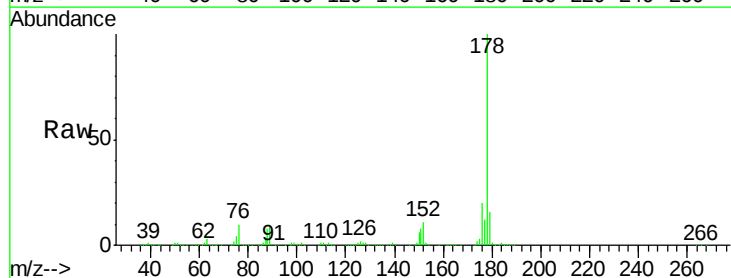
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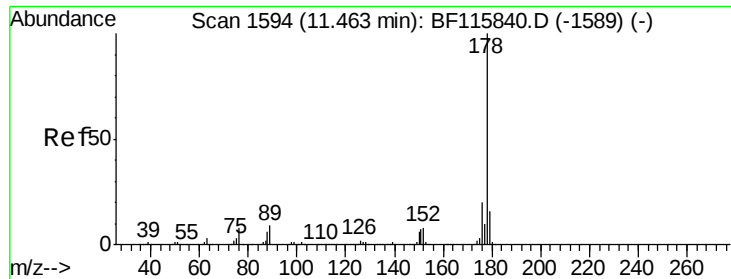
Jagrut
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#71
 Phenanthrene
 Concen: 34.521 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.05 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	836059		
176	20.3	16.6	24.8	
179	16.0	12.5	18.7	





#72

Anthracene

Concen: 35.715 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

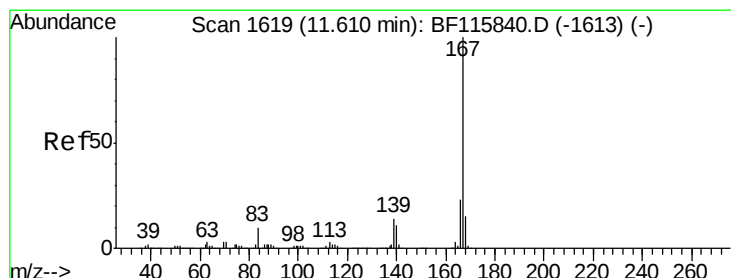
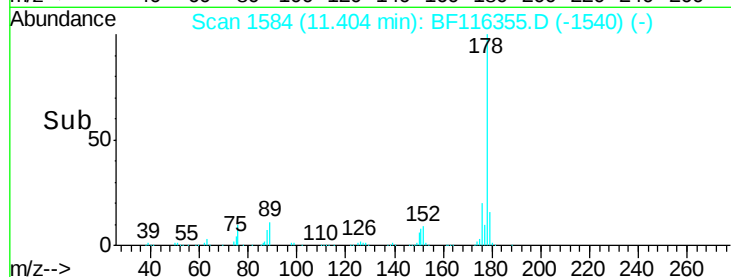
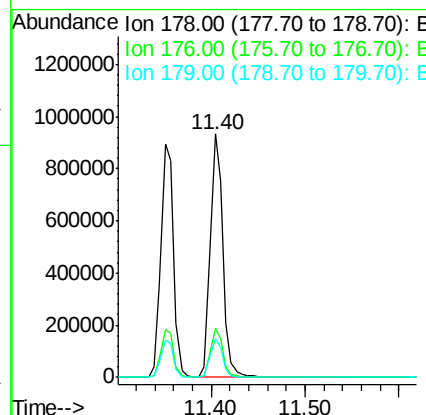
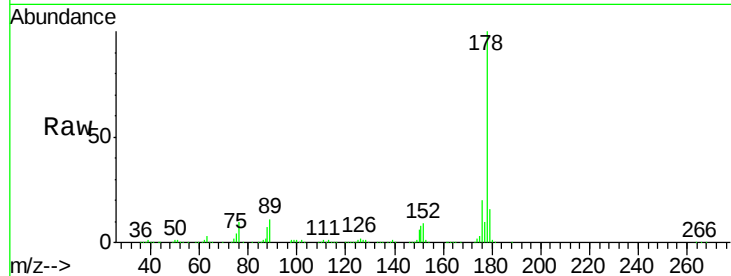
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	178	Resp:	875394
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.7	23.5
179	16.0	13.0	19.6

Manual Integrations
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#73

Carbazole

Concen: 35.729 ng

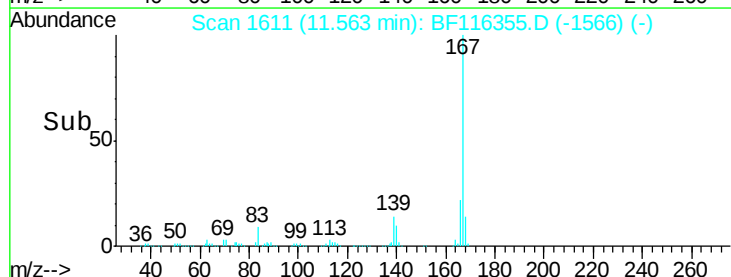
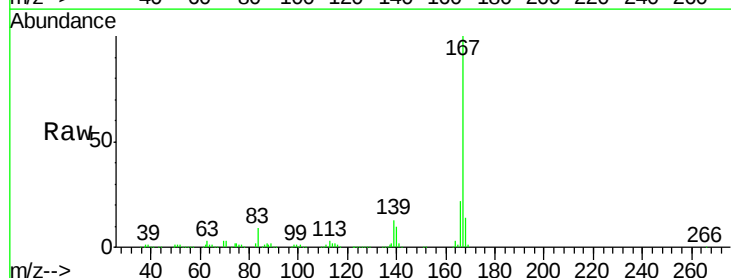
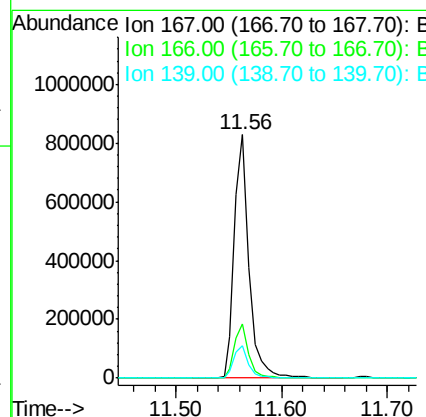
RT: 11.56 min Scan# 1611

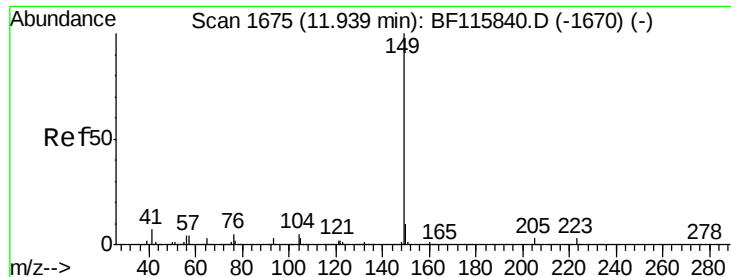
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	167	Resp:	794520
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.8	26.6
139	13.5	11.4	17.0





#74

Di-n-butylphthalate

Concen: 36.346 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

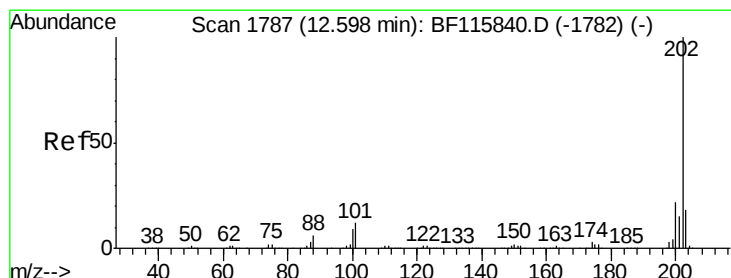
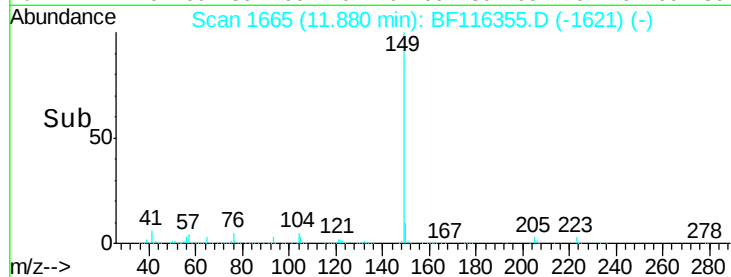
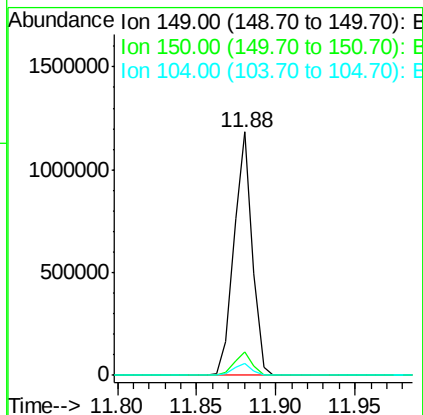
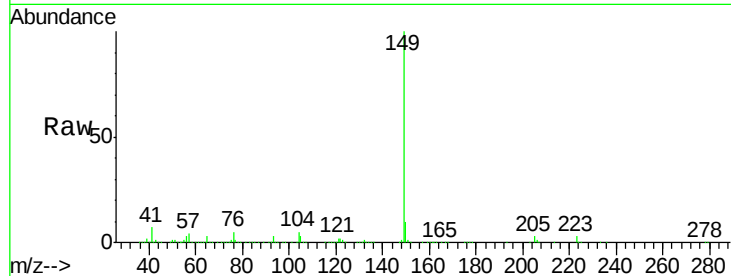
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	149	Resp:	942847
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.0	12.0
104	5.1	4.5	6.7

Manual Integrations
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#75

Fluoranthene

Concen: 33.528 ng

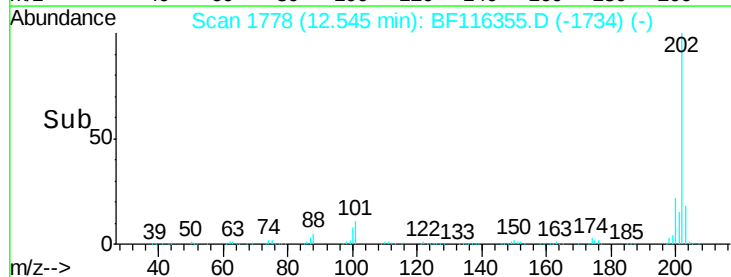
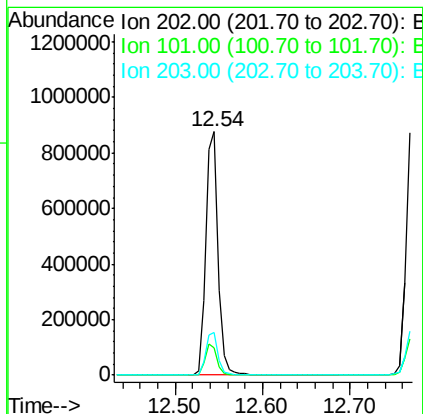
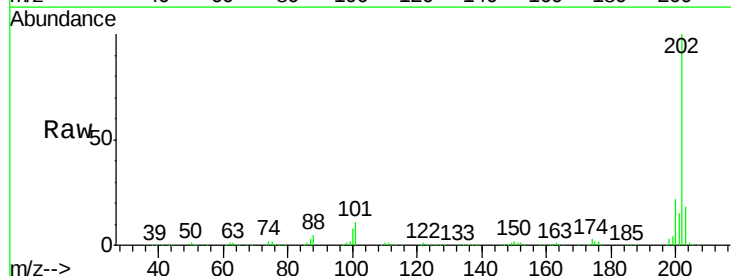
RT: 12.54 min Scan# 1778

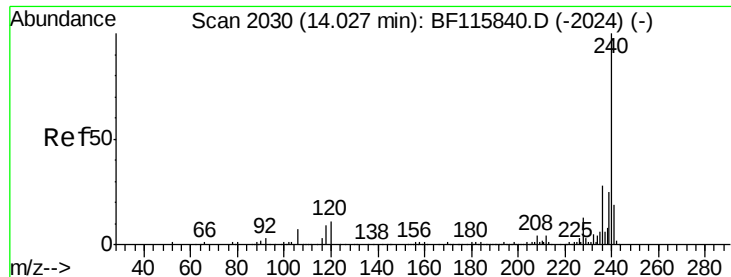
Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	202	Resp:	850102
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.2
203	17.5	0.0	37.8





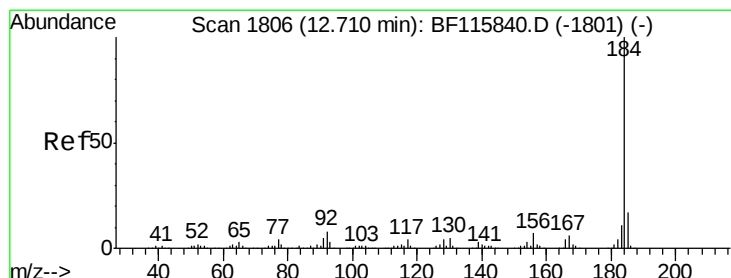
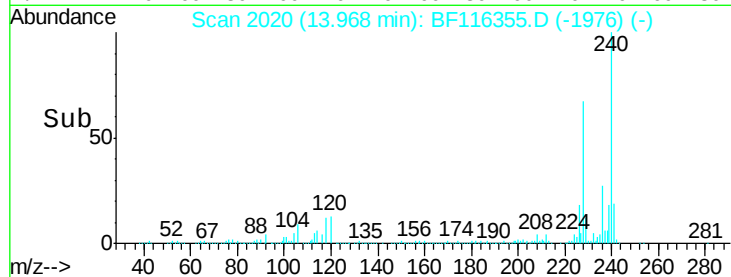
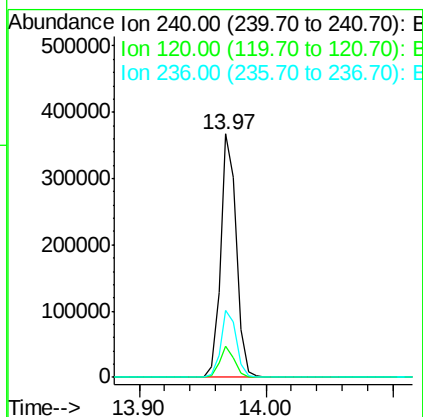
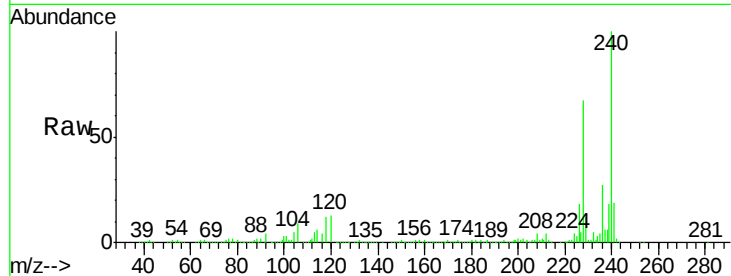
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	319124		
120	13.0	10.7	16.1	
236	27.3	22.2	33.2	

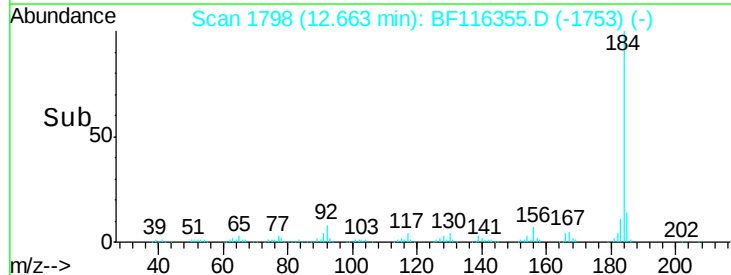
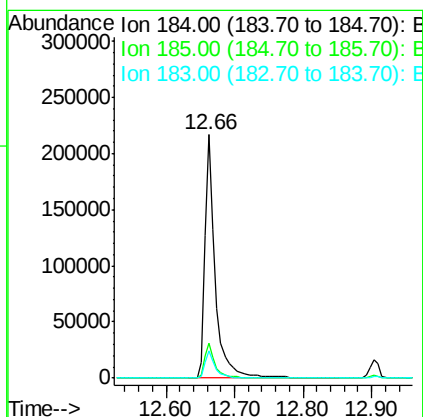
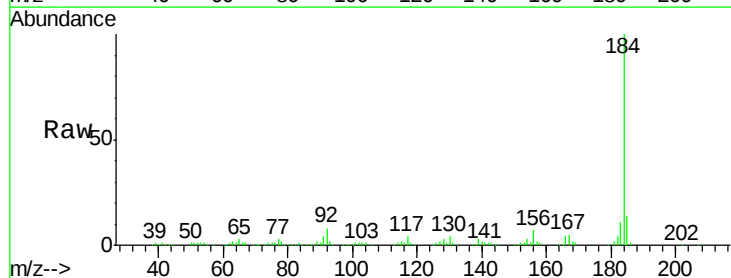
Manual Integrations
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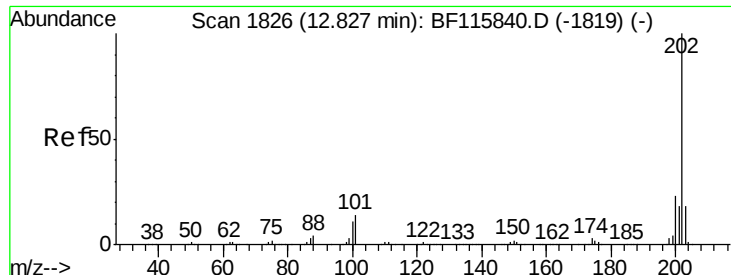
Jagrut
 8/19/2019 3:30:59 PM



#77
 Benzidine
 Concen: 21.800 ng
 RT: 12.66 min Scan# 1798
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	235032		
185	14.4	12.8	19.2	
183	11.1	9.4	14.0	





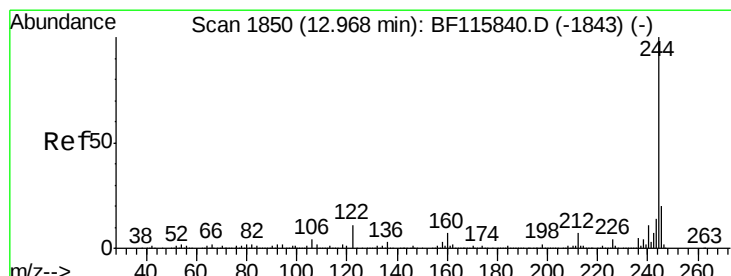
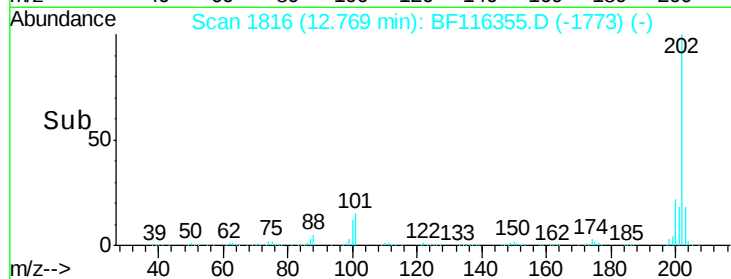
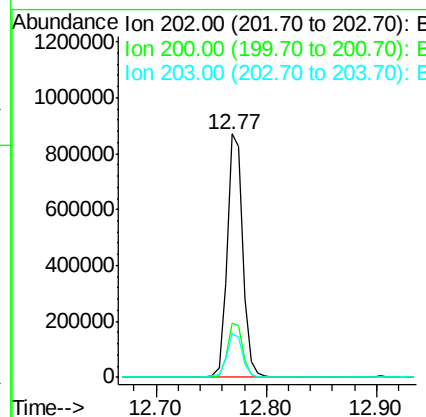
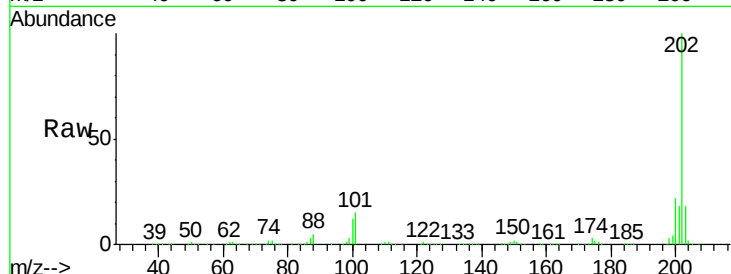
#78
Pvrene
Concen: 35.892 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.05 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	863407		
200	22.2		18.0	27.0
203	18.0		14.1	21.1

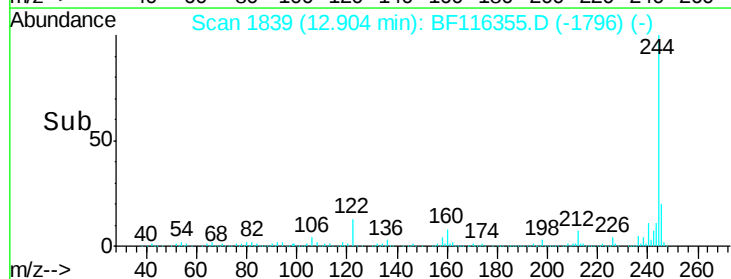
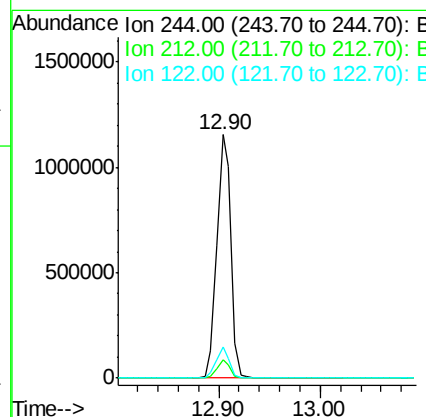
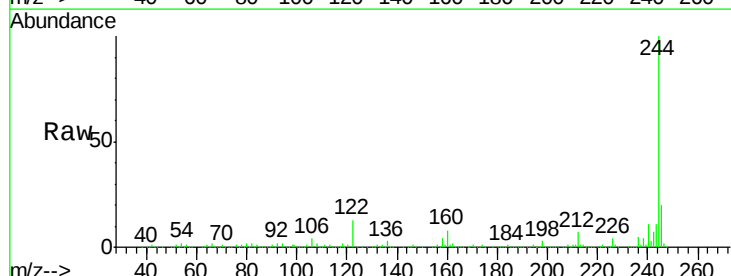
Manual Integrations
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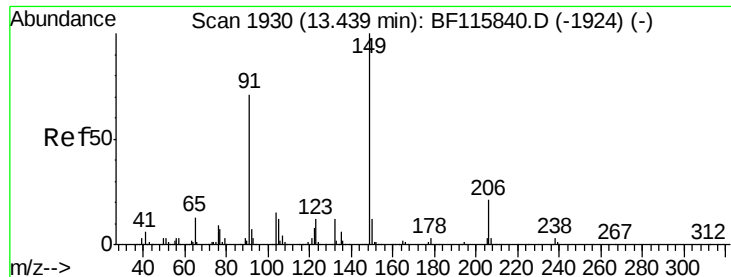
Jagrut
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#79
Terphenyl-d14
Concen: 72.926 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.05 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1104445		
212	7.3		5.8	8.8
122	13.0		9.0	13.4





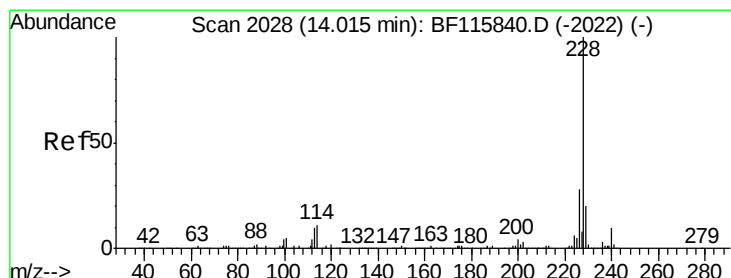
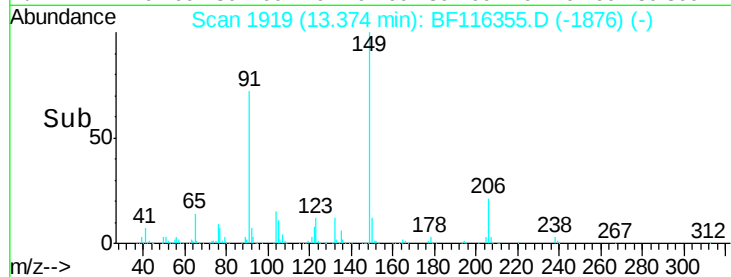
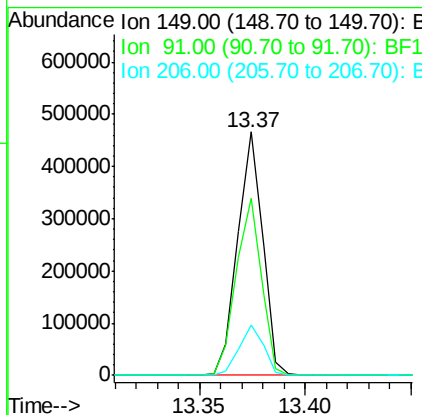
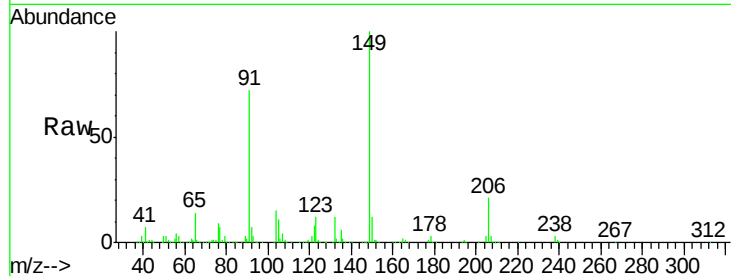
#80
Butylbenzylphthalate
Concen: 37.632 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.05 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.5	56.3	84.5
206	20.7	18.0	27.0

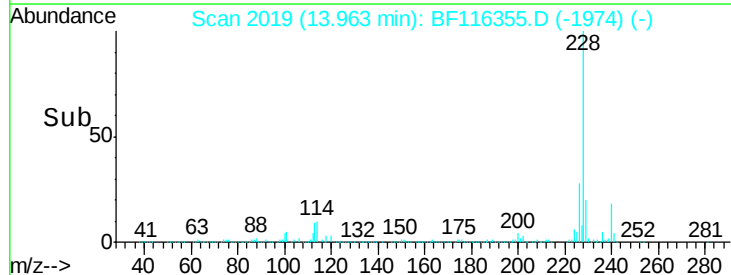
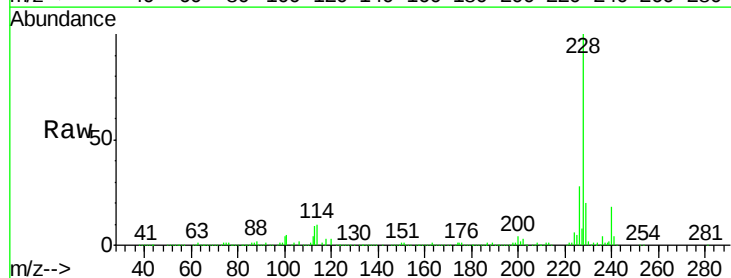
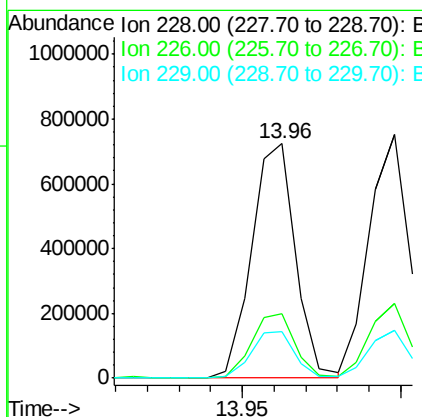
Manual Integrations
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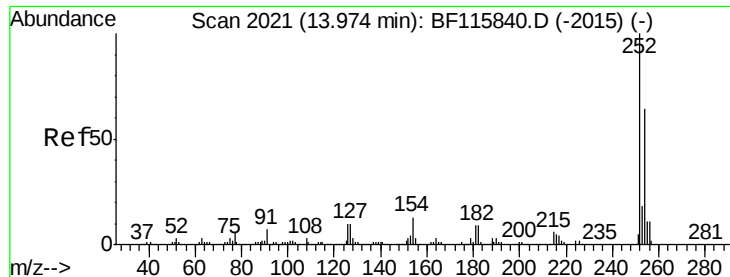
Jagrut
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#81
Benzo(a)anthracene
Concen: 33.889 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.04 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.7	34.1
229	19.7	16.2	24.4





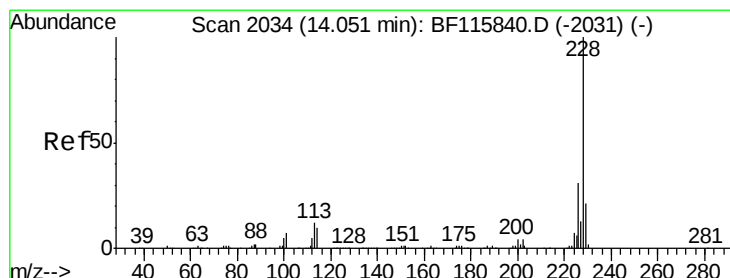
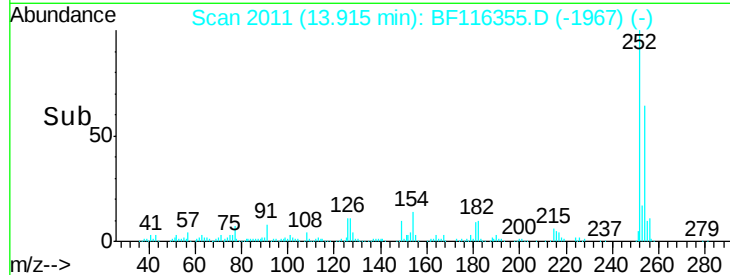
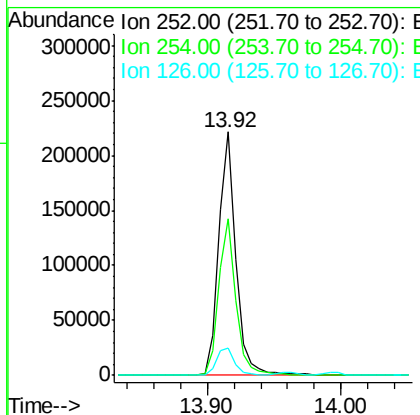
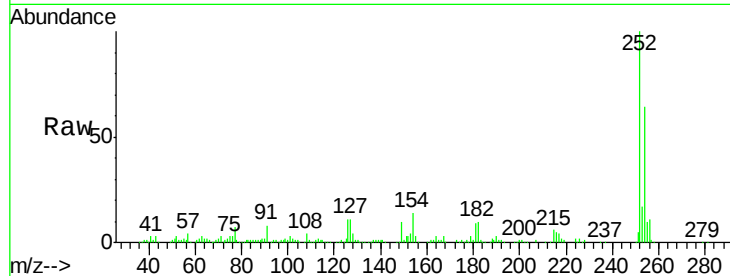
#82
 3,3'-Dichlorobenzidine
 Concen: 28.522 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.3	50.9	76.3	
126	11.2	9.8	14.8	

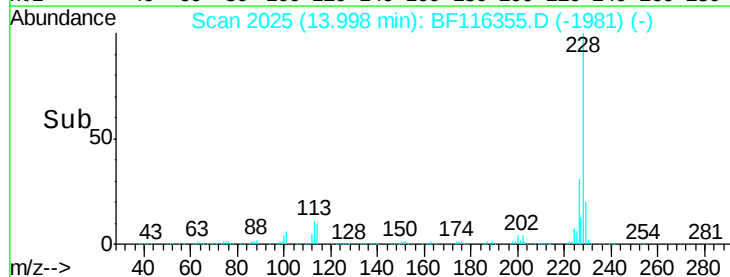
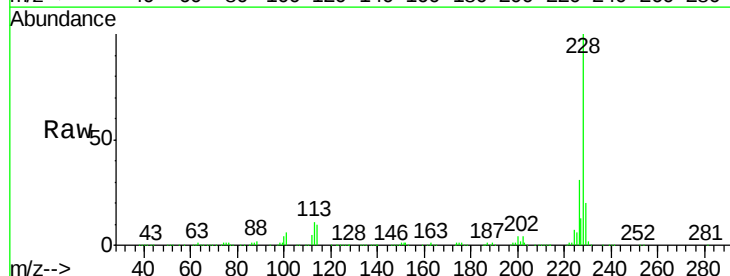
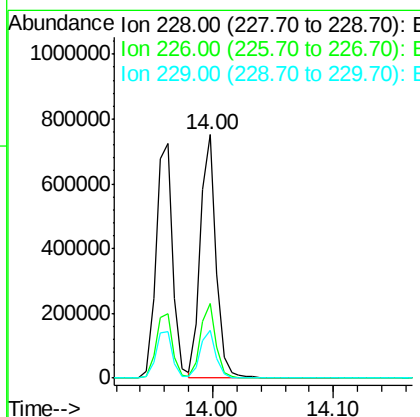
Manual Integrations
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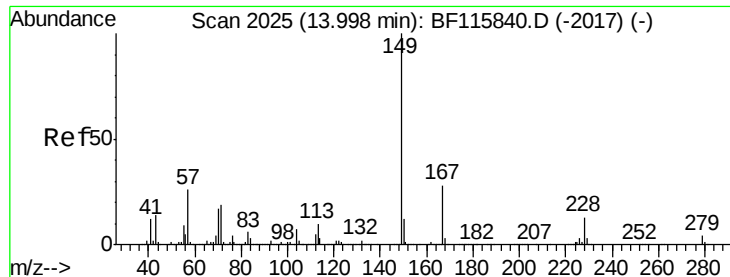
Jagrut
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#83
 Chrysene
 Concen: 34.245 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.04 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.6	25.5	38.3	
229	19.8	16.6	24.8	





#84

Bis(2-ethylhexyl)phthalate

Concen: 39.954 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.04 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Instrument :

BNA_F

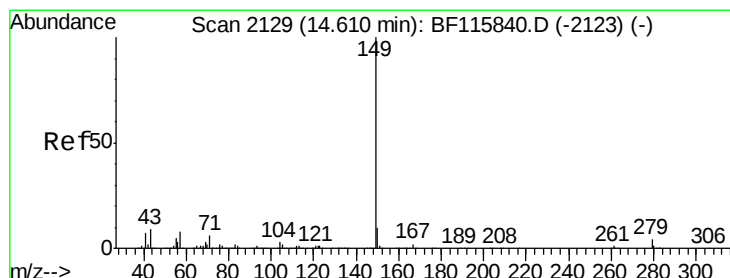
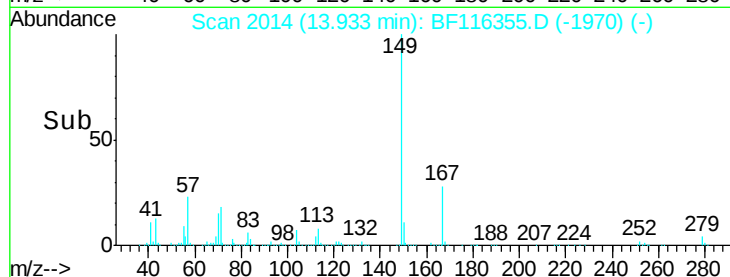
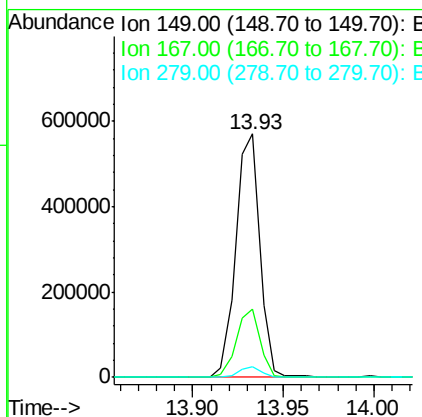
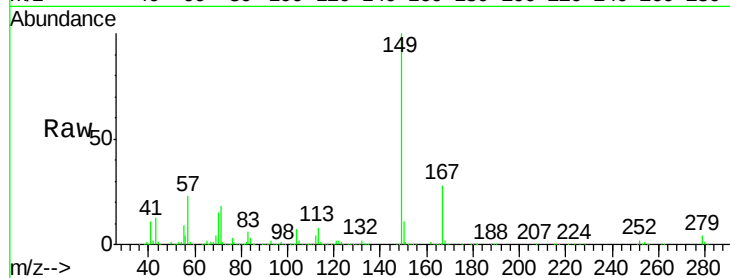
ClientSampleId :

STOCKPILE-175-LANDERS-PITMSD

Tot Ion:	149	Resp:	528325
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.6	32.4
279	4.4	3.0	4.4

Manual Integrations
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#85

Di-n-octyl phthalate

Concen: 39.114 ng

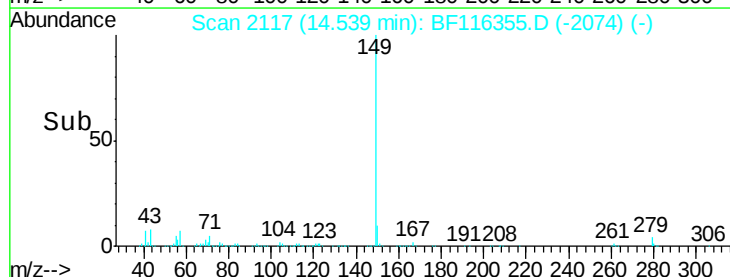
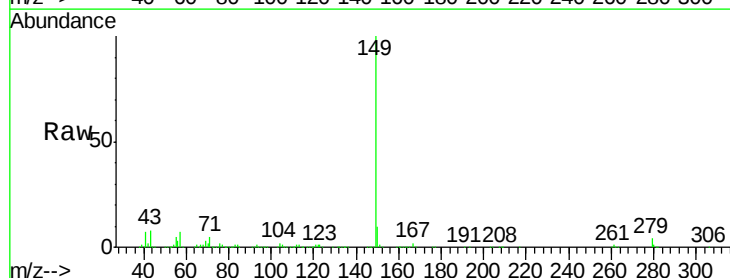
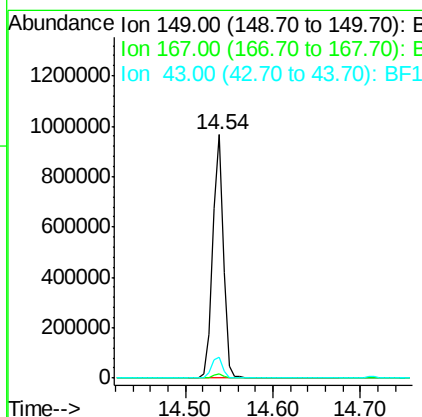
RT: 14.54 min Scan# 2117

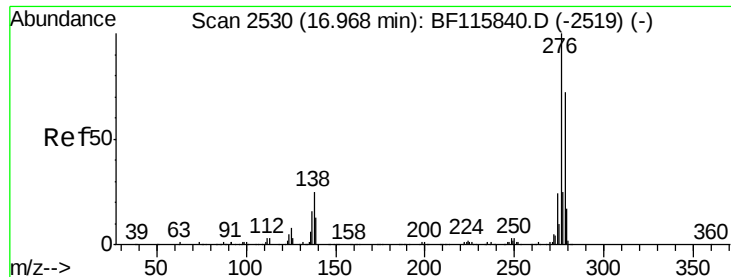
Delta R.T. -0.05 min

Lab File: BF116355.D

Acq: 17 Aug 2019 14:18

Tgt Ion:	149	Resp:	821524
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	8.9	7.5	11.3





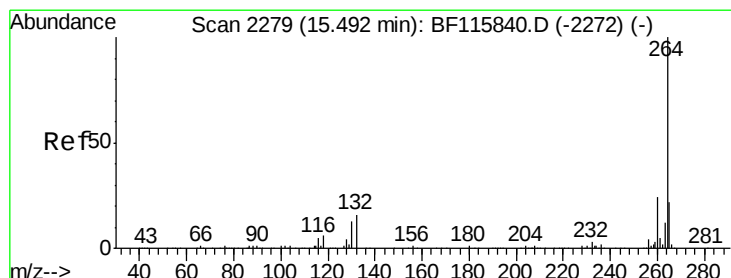
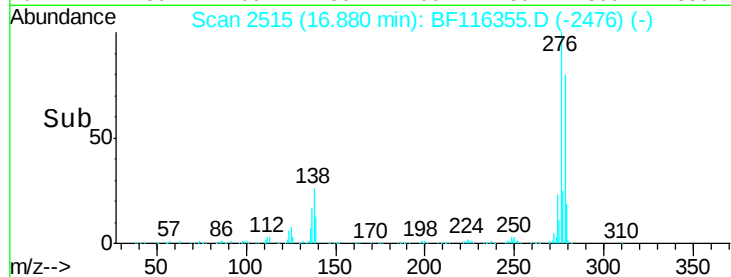
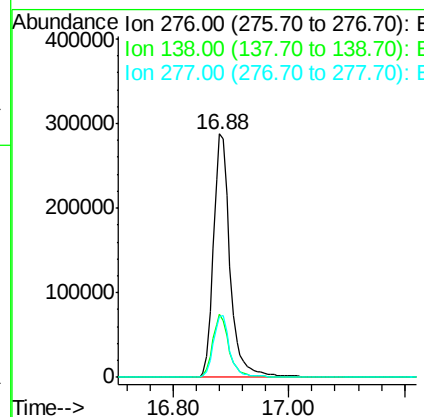
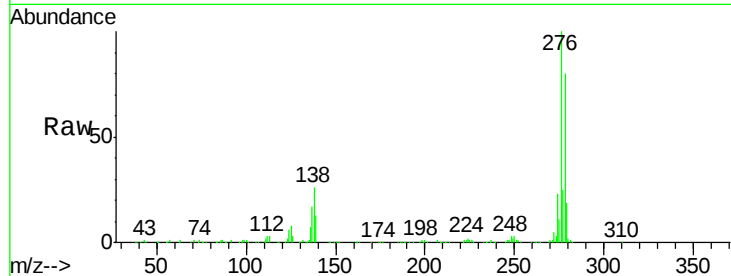
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 35.082 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. -0.07 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.4	30.6
277	25.2	20.0	30.0

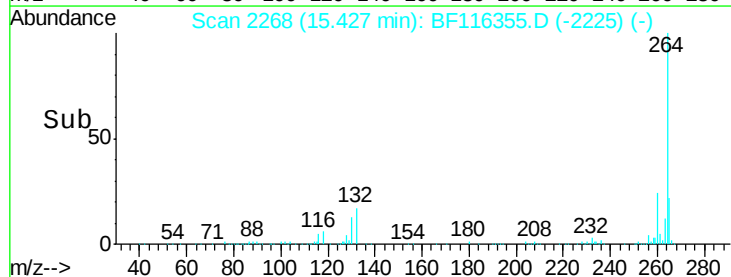
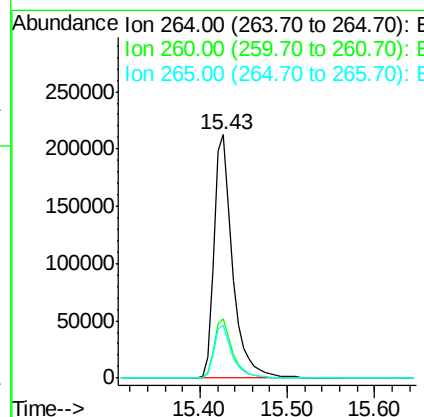
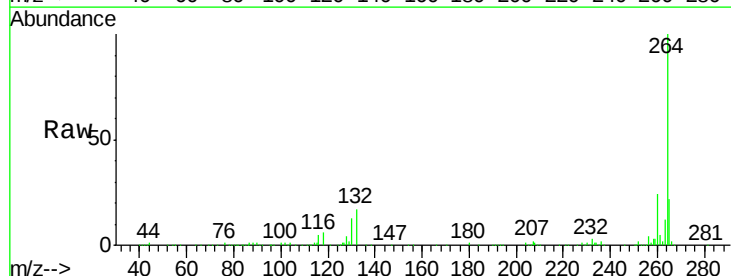
Manual Integrations
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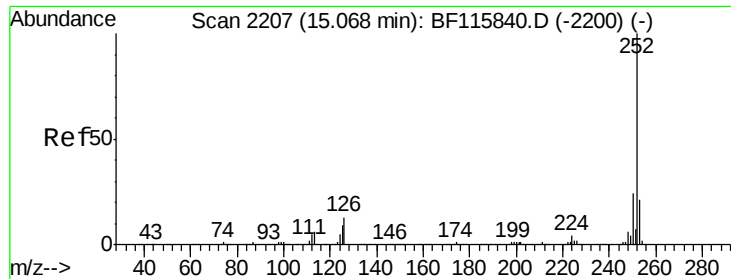
Jagrut
 8/19/2019 3:30:59 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.05 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.9	17.4	26.0





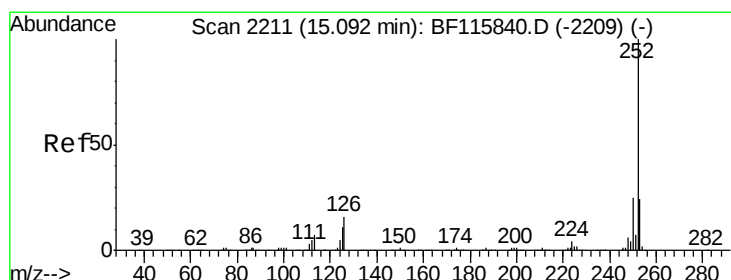
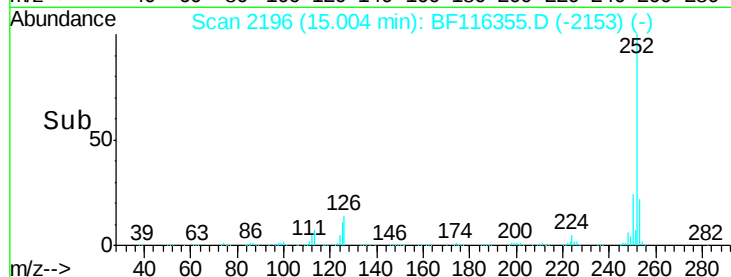
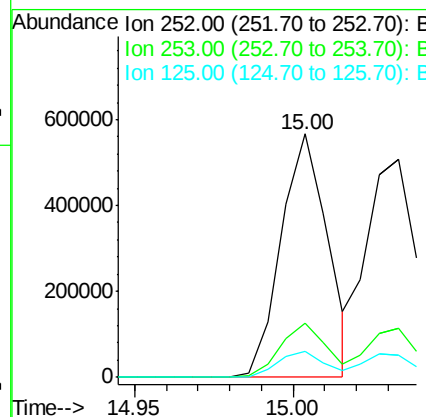
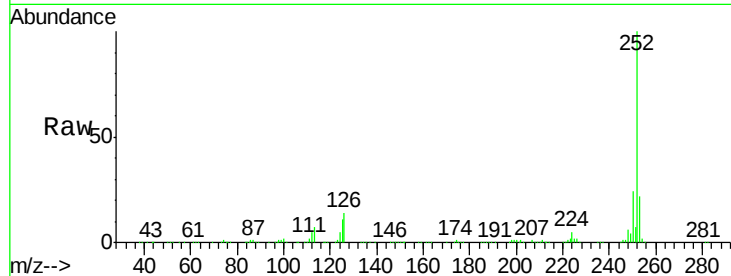
#88
Benzo(b)fluoranthene
Concen: 32.181 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.05 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.6	8.4	12.6

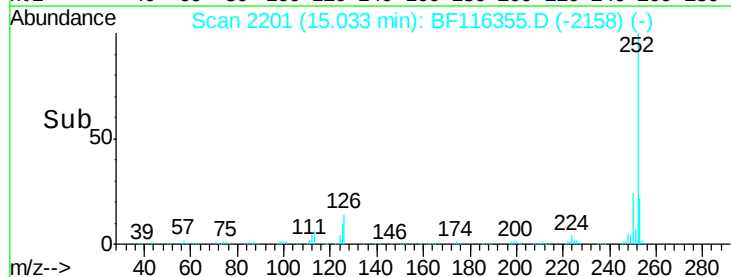
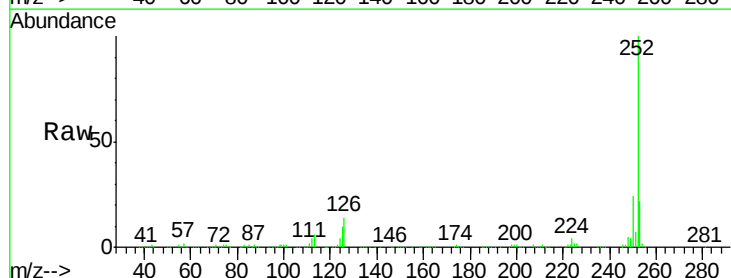
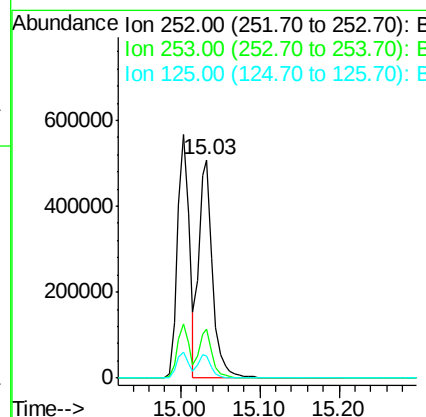
Manual Integrations
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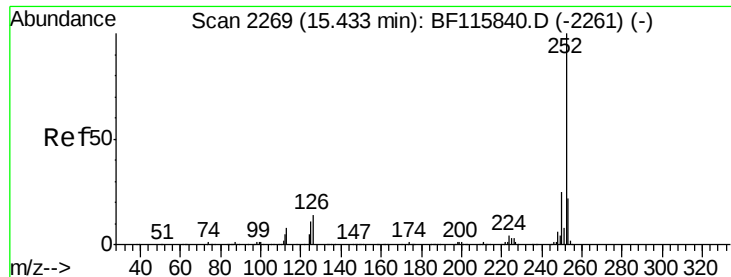
Jagrut
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#89
Benzo(k)fluoranthene
Concen: 34.757 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.05 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.9	7.7	11.5





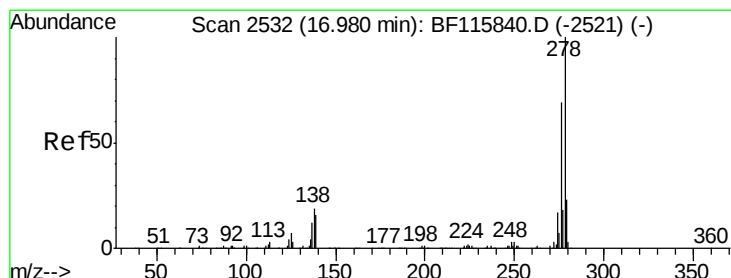
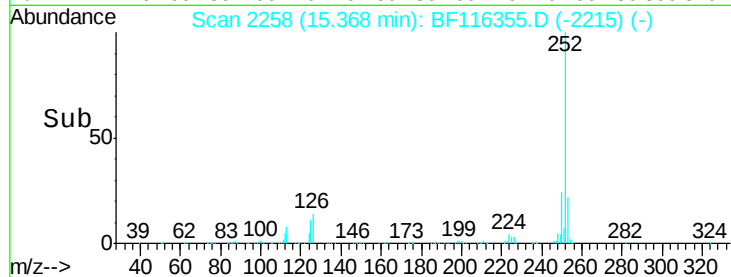
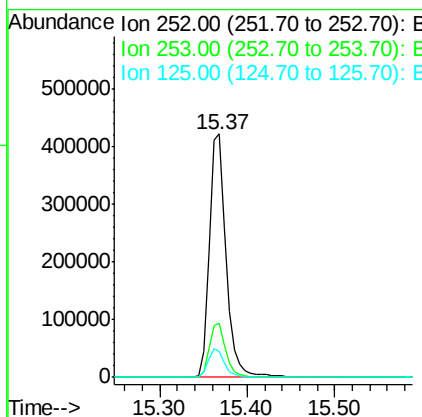
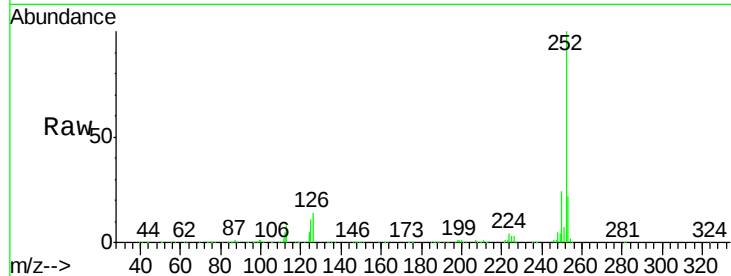
#90
Benzo(a)pyrene
Concen: 34.753 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.05 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.6	8.9	13.3

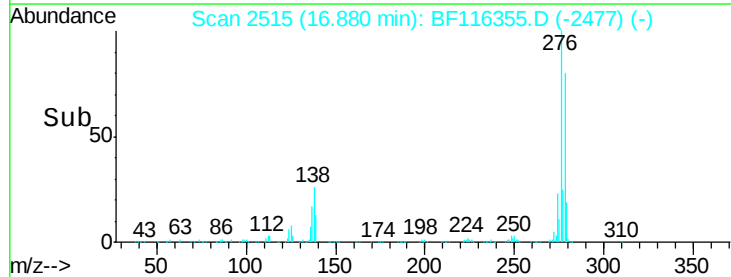
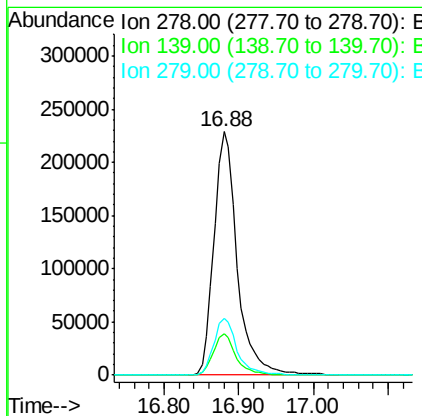
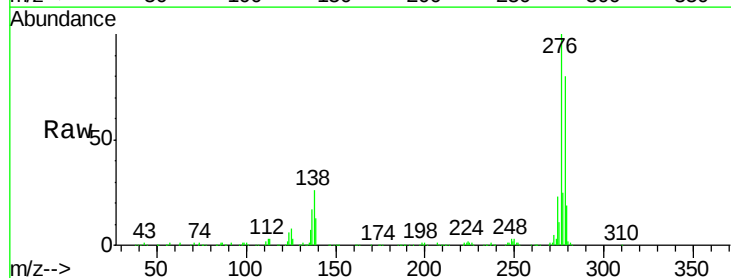
Manual Integrations
APPROVED

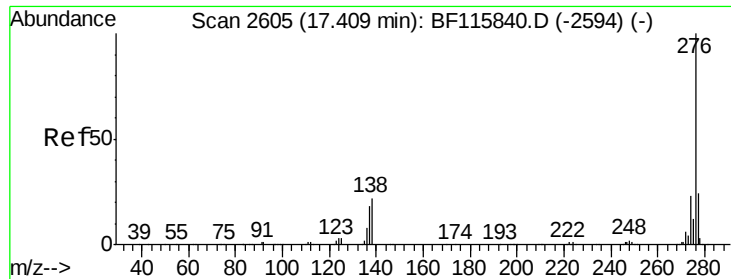
Jagrut
8/19/2019 3:30:59 PM



#91
Dibenzo(a,h)anthracene
Concen: 35.389 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.08 min
Lab File: BF116355.D
Acq: 17 Aug 2019 14:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.8	19.2
279	23.3	18.8	28.2





#92
 Benzo(a,h,i)perylene
 Concen: 34.489 ng
 RT: 17.32 min Scan# 2590
 Delta R.T. -0.06 min
 Lab File: BF116355.D
 Acq: 17 Aug 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-175-LANDERS-PITMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	22.6	17.0	25.6

Manual Integrations
 APPROVED

Jagrut
 8/19/2019 3:30:59 PM

