

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100014.D
 Acq On : 31 Oct 2017 20:08
 Operator : SJ/JU
 Sample : I6178-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:49 PM

Quant Time: Nov 01 05:25:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	78630	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	327753	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	149432	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	256579	20.00	ng	0.00
75) Chrysene-d12	13.98	240	149898	20.00	ng	0.00
86) Perylene-d12	15.47	264	137336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	539877	107.79	ng	0.01
7) Phenol-d6	6.44	99	633362	106.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	359747	70.67	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	144821	106.35	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	690427	71.28	ng	0.00
78) Terphenyl-d14	12.90	244	553537	80.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	67576	30.554	ng	89
3) Pyridine	3.33	79	153874	28.931	ng	88
4) n-Nitrosodimethylamine	3.27	42	62945	33.127	ng	# 61
6) Aniline	6.46	93	211491	27.466	ng	# 78
8) 2-Chlorophenol	6.58	128	214171	40.123	ng	90
9) Benzaldehyde	6.35	77	96440	27.176	ng	90
10) Phenol	6.45	94	299933	46.001	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	195393	38.807	ng	93
12) 1,3-Dichlorobenzene	6.73	146	219885m	36.687	ng	
13) 1,4-Dichlorobenzene	6.80	146	229055	37.656	ng	98
14) 1,2-Dichlorobenzene	6.96	146	213684	38.544	ng	96
15) Benzyl Alcohol	6.94	79	149805	39.666	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	242347	43.330	ng	59
17) 2-Methylphenol	7.05	107	171082	38.316	ng	93
18) Hexachloroethane	7.29	117	72155	35.555	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	130056	37.371	ng	89
20) 3+4-Methylphenols	7.21	107	225810	43.434	ng	# 74
22) Acetophenone	7.20	105	276234	37.016	ng	# 94
24) Nitrobenzene	7.38	77	198210	38.641	ng	90
25) Isophorone	7.62	82	380887	41.231	ng	95
26) 2-Nitrophenol	7.69	139	120426	40.990	ng	88
27) 2,4-Dimethylphenol	7.73	122	192777	44.534	ng	92
28) bis(2-Chloroethoxy)methane	7.82	93	251332	38.848	ng	99
29) 2,4-Dichlorophenol	7.94	162	191562	42.599	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	184253	38.348	ng	98
31) Naphthalene	8.09	128	599009	37.862	ng	99
32) Benzoic acid	7.73	122	192777	50.594	ng	# 11
33) 4-Chloroaniline	8.15	127	157906	24.171	ng	# 93
34) Hexachlorobutadiene	8.20	225	91585	37.058	ng	99
35) Caprolactam	8.53	113	55858	39.499	ng	# 72
36) 4-Chloro-3-methylphenol	8.65	107	183838	40.053	ng	92
37) 2-Methylnaphthalene	8.79	142	420266	39.639	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	173965	36.045	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	13746	25.481	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100014.D
 Acq On : 31 Oct 2017 20:08
 Operator : SJ/JU
 Sample : I6178-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

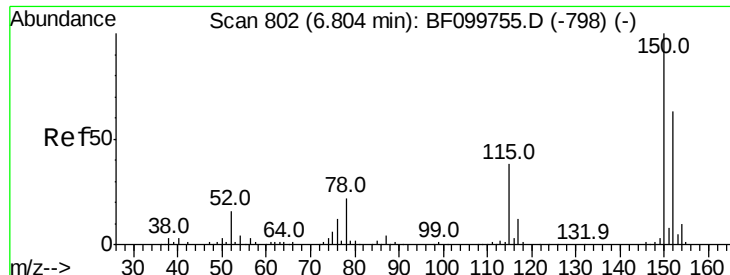
Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:49 PM

Quant Time: Nov 01 05:25:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	118282	40.517	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	122777	39.632	nq	95
45) 1,1'-Biphenyl	9.25	154	493474	36.504	nq	98
46) 2-Chloronaphthalene	9.27	162	380713	38.779	nq	97
47) 2-Nitroaniline	9.39	65	101193	39.273	nq	# 82
48) Acenaphthylene	9.69	152	565699	37.412	nq	99
49) Dimethylphthalate	9.55	163	623934	52.725	nq	99
50) 2,6-Dinitrotoluene	9.63	165	98782	39.708	nq	87
51) Acenaphthene	9.86	154	341831	36.998	nq	98
52) 3-Nitroaniline	9.80	138	87983	30.015	nq	# 79
53) 2,4-Dinitrophenol	9.94	184	12420	17.495	nq	# 86
54) Dibenzofuran	10.03	168	509402	39.059	nq	99
55) 4-Nitrophenol	9.99	139	93392	60.977	nq	81
56) 2,4-Dinitrotoluene	10.04	165	125616	41.929	nq	93
57) Fluorene	10.38	166	404678	37.476	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	92363	42.523	nq	# 90
59) Diethylphthalate	10.25	149	435631	37.697	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	190775	37.540	nq	97
61) 4-Nitroaniline	10.42	138	100534	35.948	nq	84
62) Azobenzene	10.53	77	378167	39.037	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	28508	17.675	nq	# 71
65) n-Nitrosodiphenylamine	10.49	169	367005	38.748	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	109192	40.424	nq	90
67) Hexachlorobenzene	10.93	284	107733	38.985	nq	# 90
68) Atrazine	11.02	200	116022	40.780	nq	97
69) Pentachlorophenol	11.14	266	74872	63.407	nq	99
70) Phenanthrene	11.35	178	553190	38.204	nq	98
71) Anthracene	11.40	178	576369	39.214	nq	99
72) Carbazole	11.56	167	527778	38.185	nq	98
73) Di-n-butylphthalate	11.87	149	690033	39.141	nq	# 98
74) Fluoranthene	12.54	202	521492	34.655	nq	99
76) Benzidine	12.67	184	260074	39.651	nq	97
77) Pyrene	12.77	202	514573	45.145	nq	98
79) Butylbenzylphthalate	13.37	149	259220	46.184	nq	92
80) Benzo(a)anthracene	13.97	228	357681	37.641	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	123175	35.709	nq	98
82) Chrysene	14.01	228	343071	38.402	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	354355	44.957	nq	99
84) Di-n-octyl phthalate	14.56	149	542038	40.066	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.97	276	343737	41.913	nq	98
87) Benzo(b)fluoranthene	15.04	252	328649	37.897	nq	97
88) Benzo(k)fluoranthene	15.07	252	291328	35.625	nq	99
89) Benzo(a)pyrene	15.41	252	304995	39.152	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	287614	41.551	nq	98
91) Benzo(g,h,i)perylene	17.42	276	286758	42.344	nq	100

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



#1

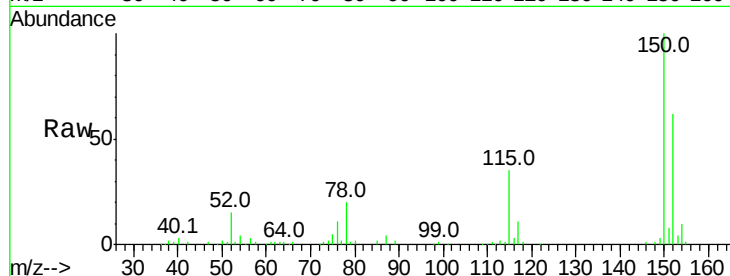
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

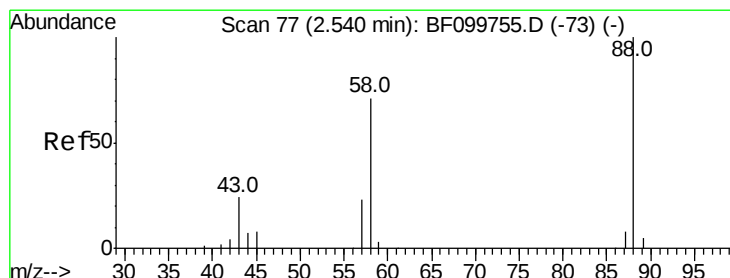
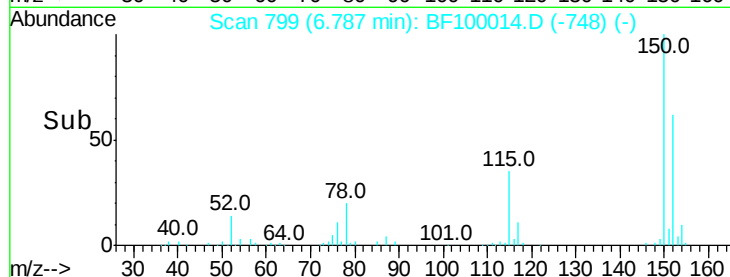
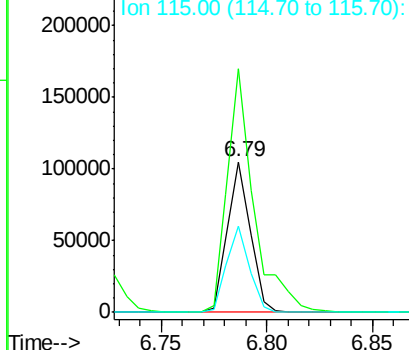
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	56.9	50.1	75.1

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

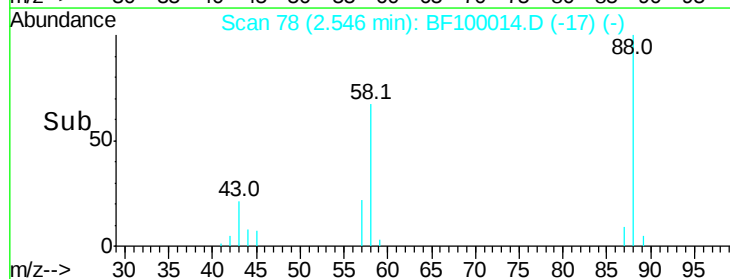
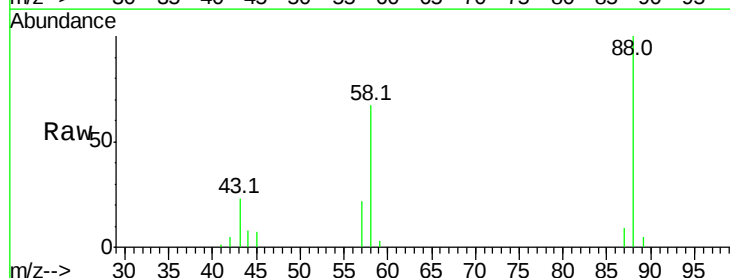
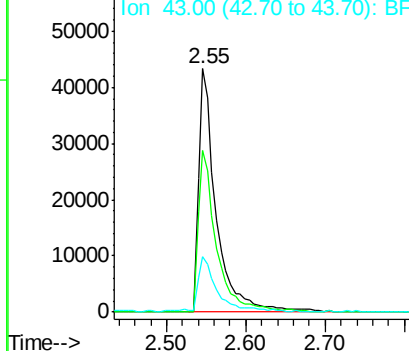


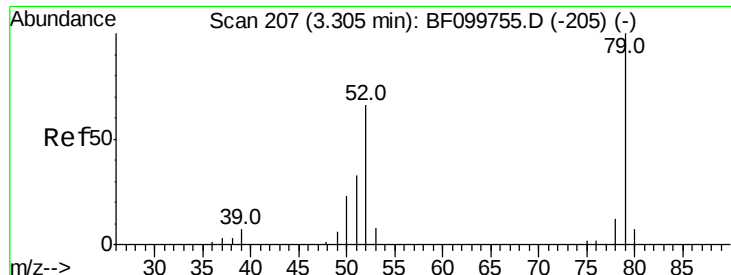
#2

1,4-Dioxane
Concen: 30.554 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.06 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	62.6	93.8
43	26.1	24.6	37.0

Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





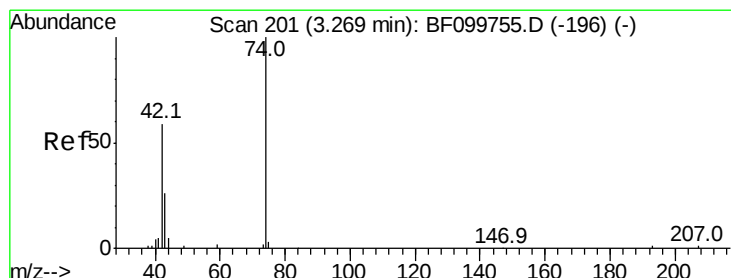
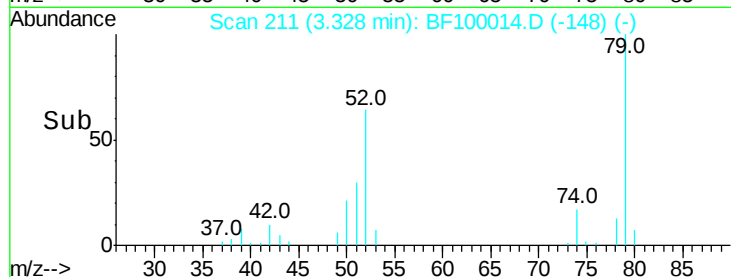
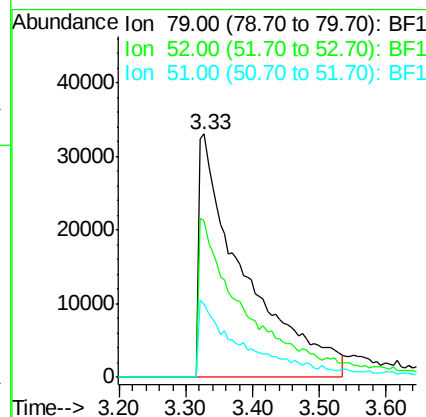
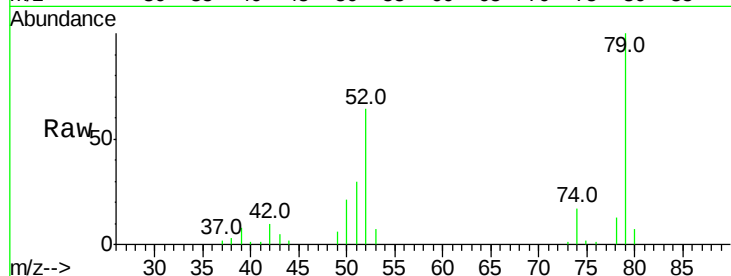
#3
 Pvridine
 Concen: 28.931 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.07 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.1	59.8	89.6
51	29.9	29.8	44.8

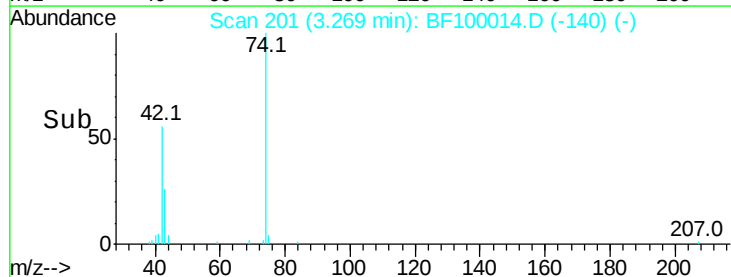
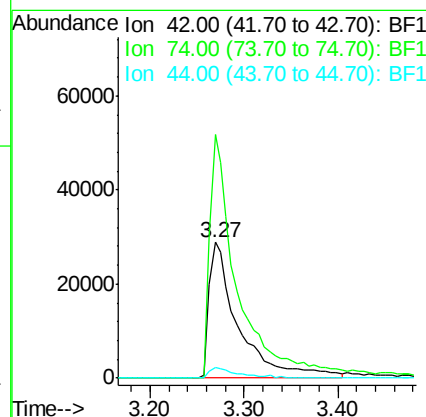
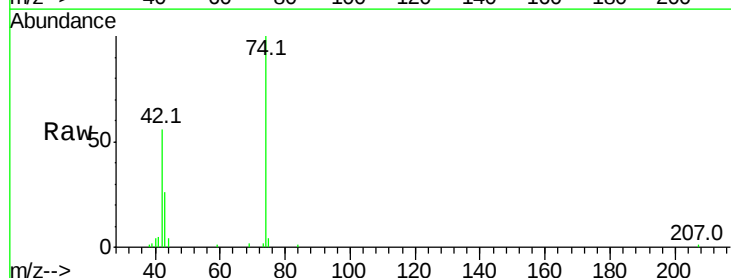
Manual Integrations
 APPROVED

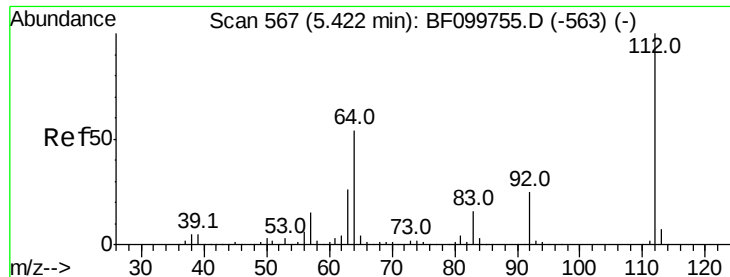
Sohil
 11/1/2017 2:37:49 PM



#4
 n-Nitrosodimethylamine
 Concen: 33.127 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.06 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	179.2	104.9	157.3#
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 107.795 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

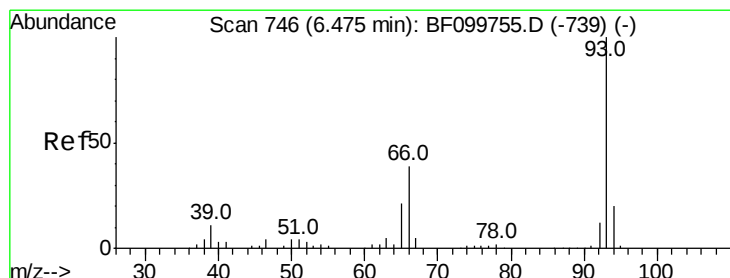
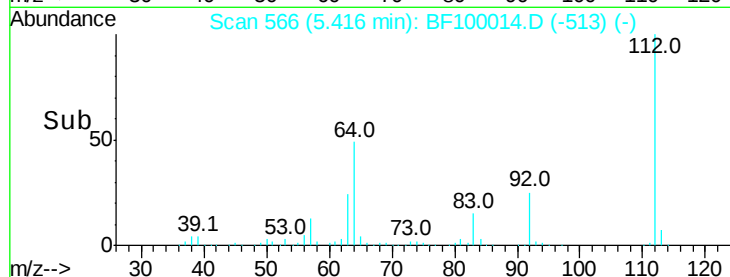
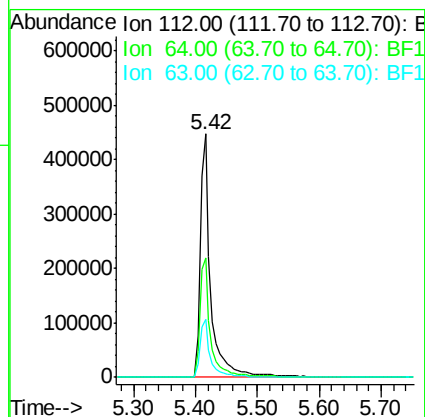
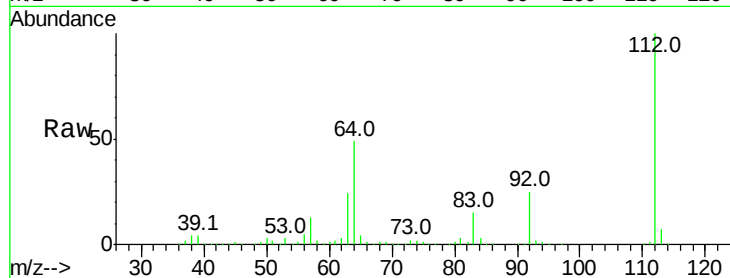
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:	112	Resp:	539877
Ion Ratio	Lower	Upper	
112	100		
64	49.3	47.9	71.9
63	23.6	23.7	35.5#

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#6

Aniline

Concen: 27.466 ng

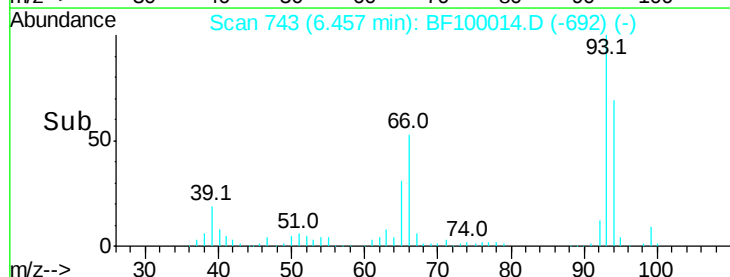
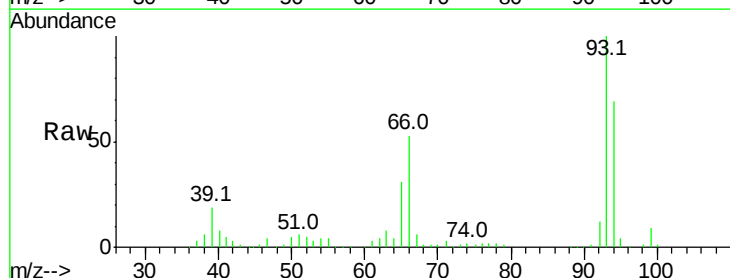
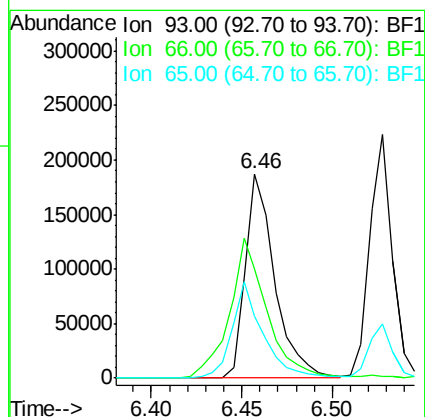
RT: 6.46 min Scan# 743

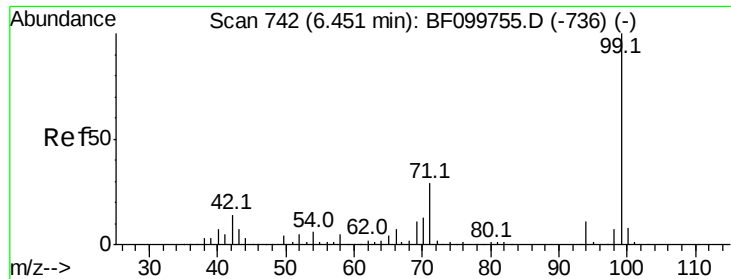
Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	93	Resp:	211491
Ion Ratio	Lower	Upper	
93	100		
66	53.5	32.2	48.2#
65	30.5	16.4	24.6#





#7

Phenol-d6

Concen: 106.653 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

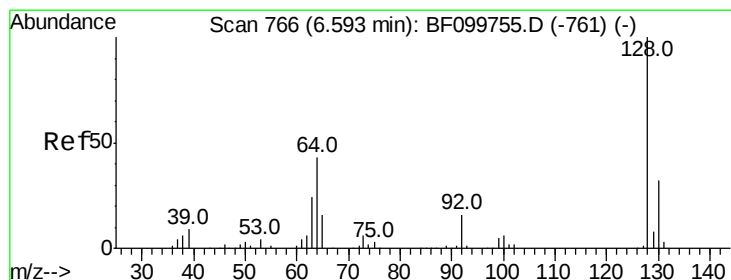
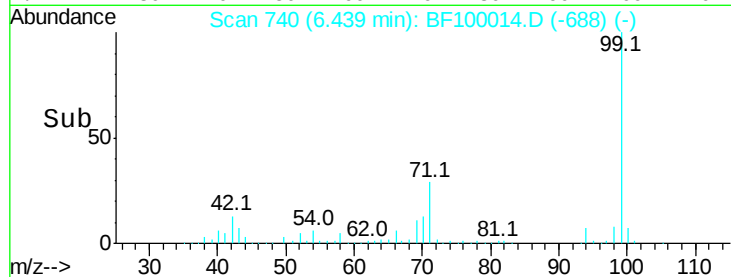
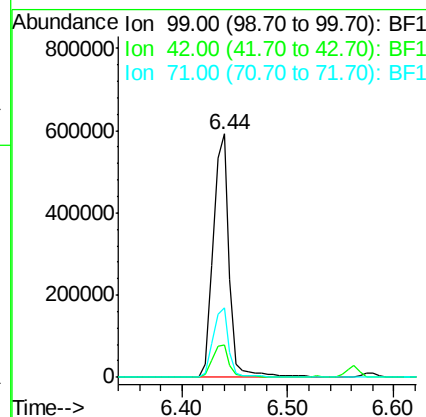
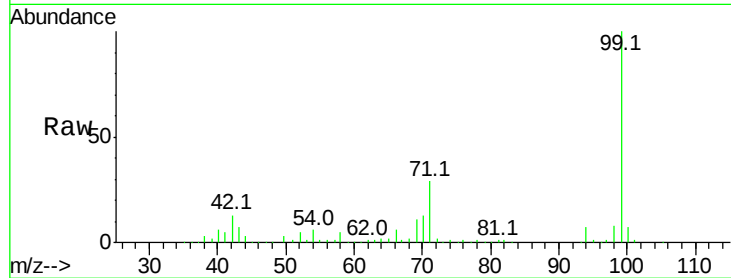
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:	99	Resp:	633362
Ion Ratio	Lower	Upper	
99	100		
42	13.2	14.5	21.7#
71	28.5	25.4	38.0

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#8

2-Chlorophenol

Concen: 40.123 ng

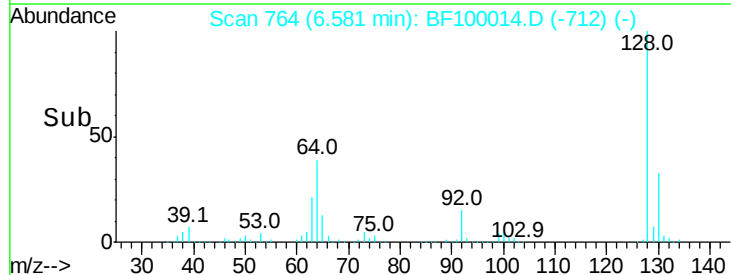
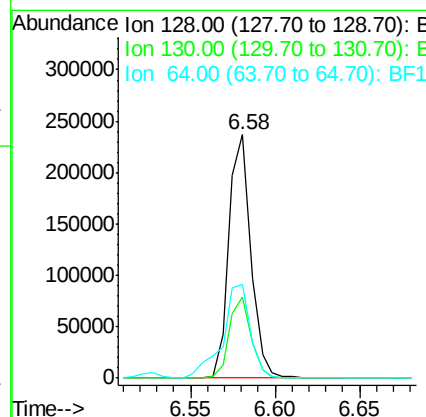
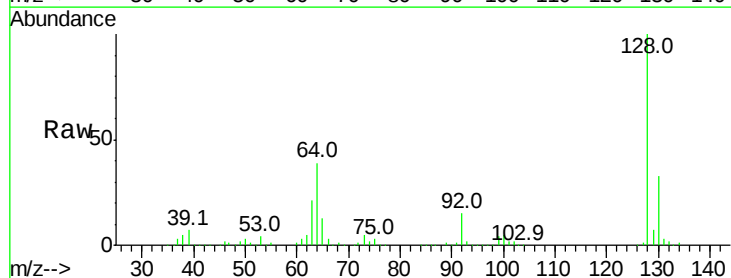
RT: 6.58 min Scan# 764

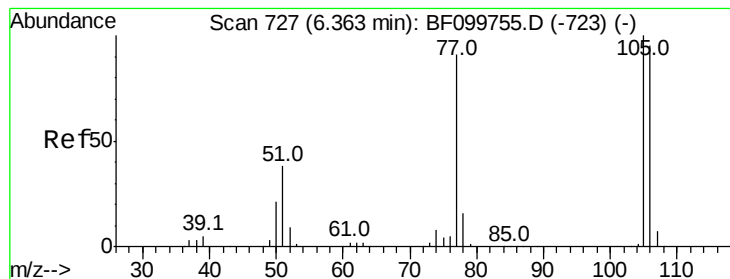
Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	128	Resp:	214171
Ion Ratio	Lower	Upper	
128	100		
130	33.1	13.0	53.0
64	38.5	29.4	69.4





#9

Benzaldehyde

Concen: 27.176 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

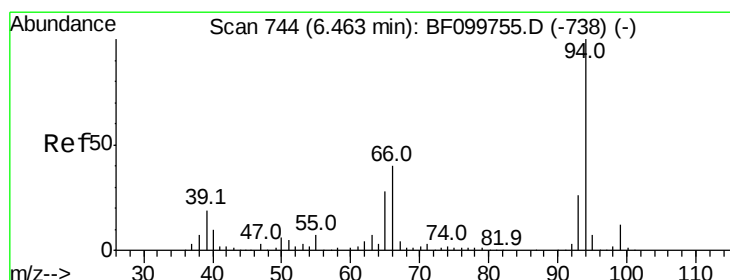
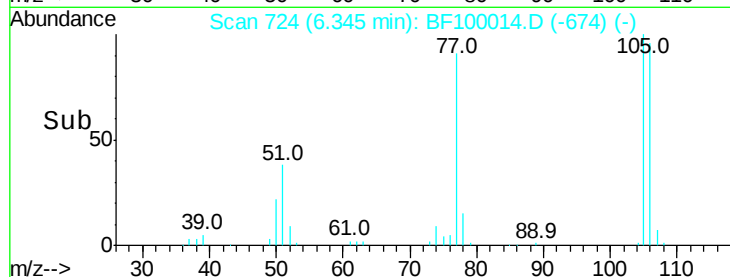
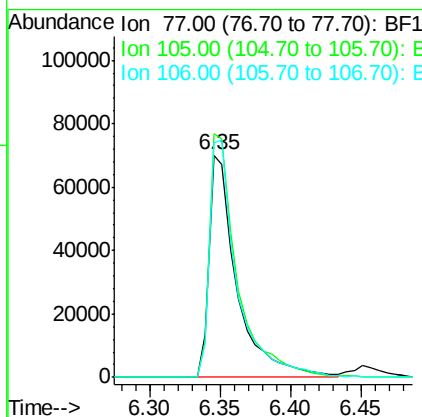
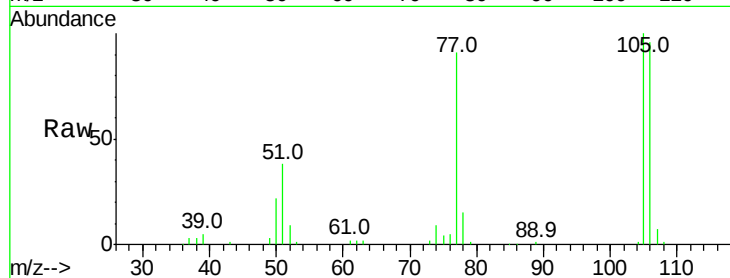
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:	77	Resp:	96440
Ion	Ratio	Lower	Upper
77	100		
105	109.8	81.1	121.1
106	105.6	74.5	114.5

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#10

Phenol

Concen: 46.001 ng

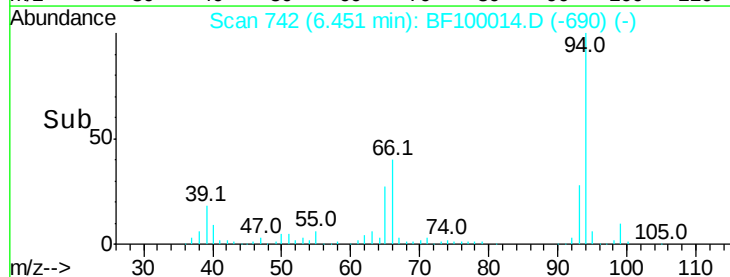
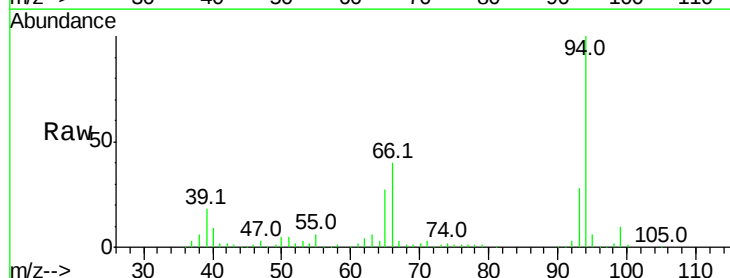
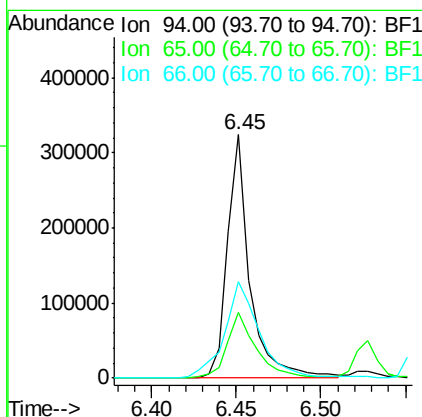
RT: 6.45 min Scan# 742

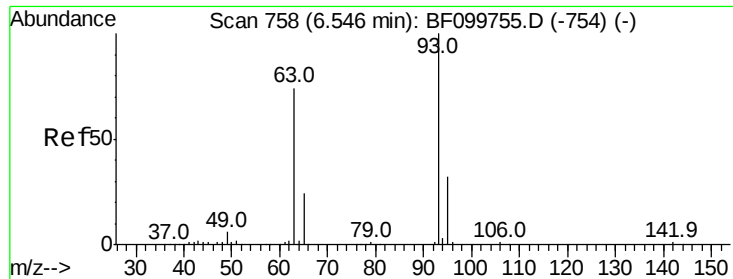
Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	94	Resp:	299933
Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.9	47.9
66	39.6	16.2	56.2





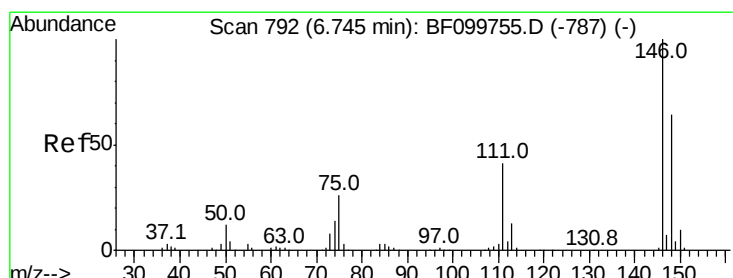
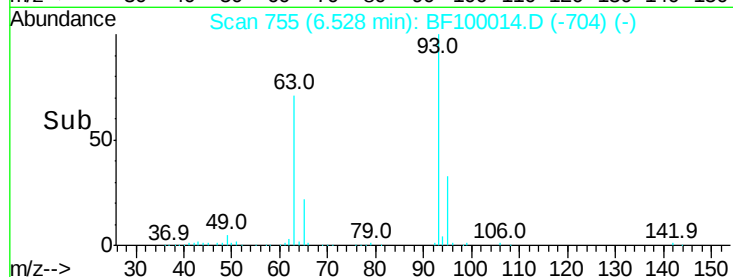
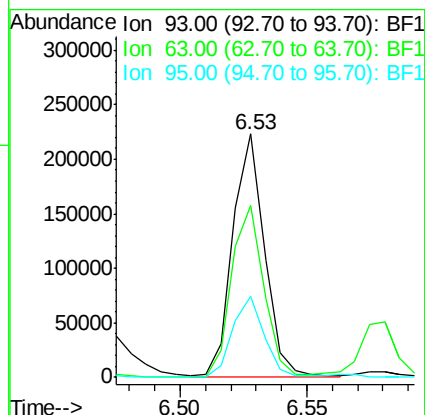
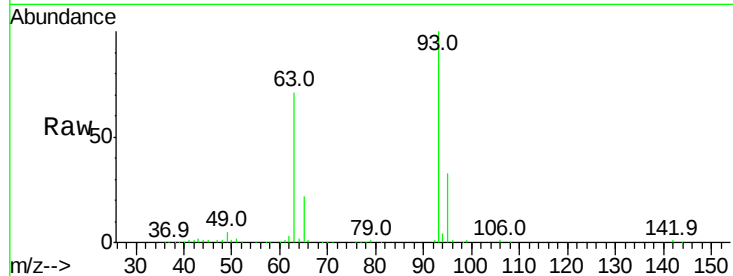
#11
bis(2-Chloroethyl)ether
Concen: 38.807 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	195393		
63	70.8	58.6	98.6	
95	33.3	11.8	51.8	

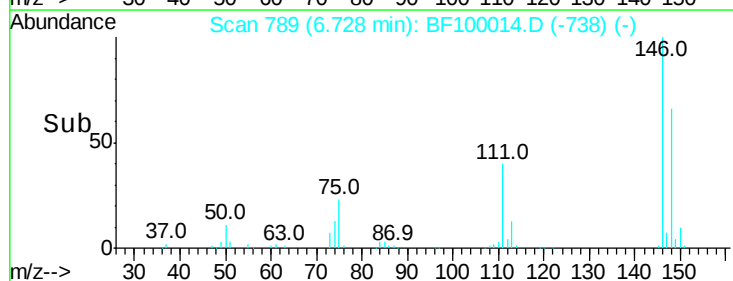
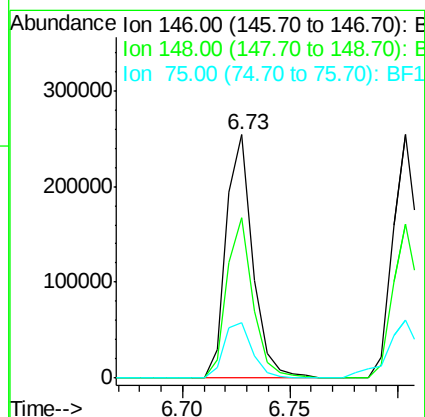
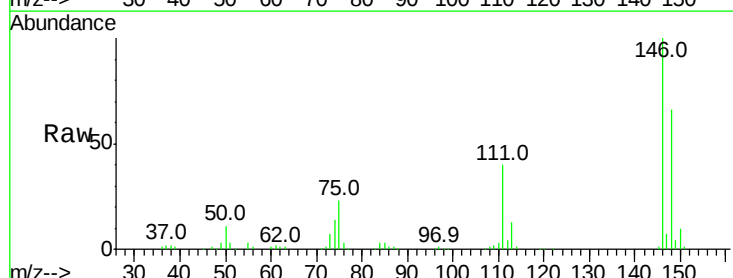
Manual Integrations
APPROVED

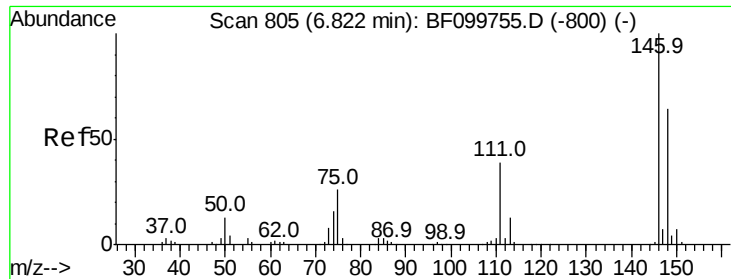
Sohil
11/1/2017 2:37:49 PM



#12
1,3-Dichlorobenzene
Concen: 36.687 ng m
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	219885		
148	65.8	51.8	77.8	
75	23.0	24.2	36.4#	





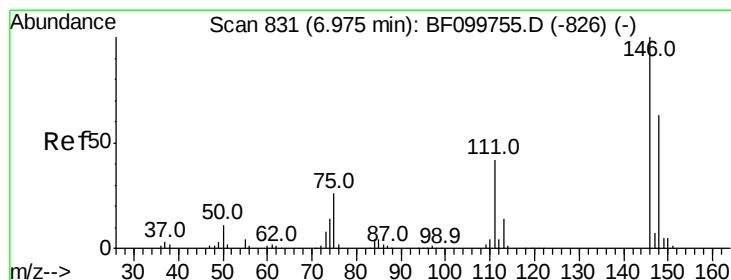
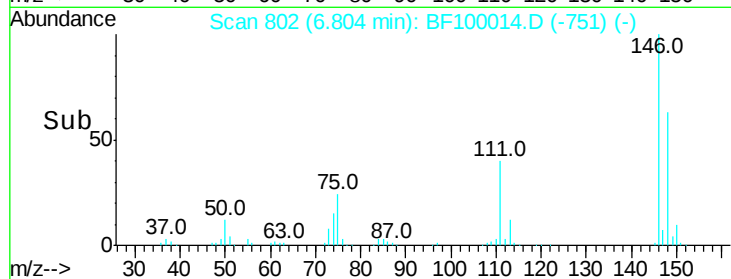
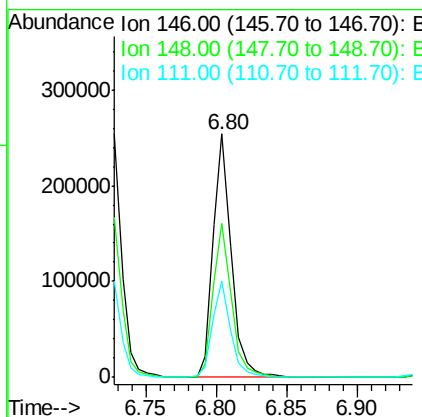
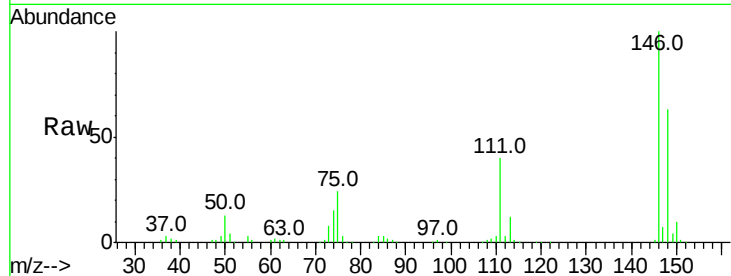
#13
 1,4-Dichlorobenzene
 Concen: 37.656 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	39.6	34.2	51.2

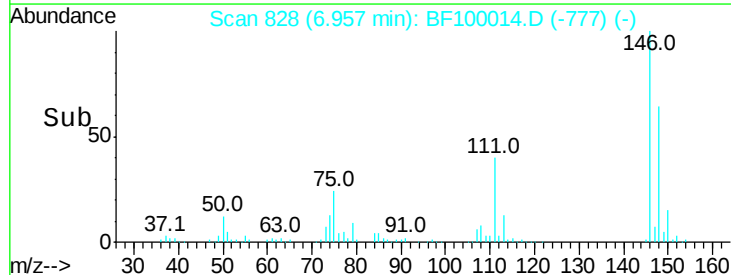
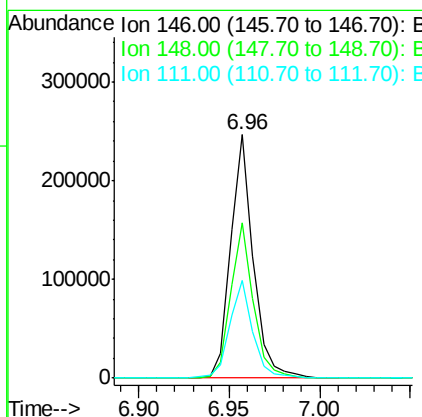
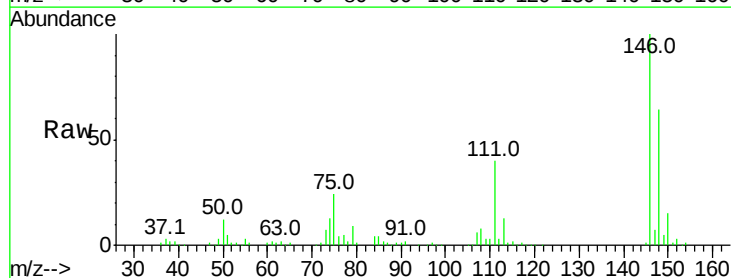
Manual Integrations
 APPROVED

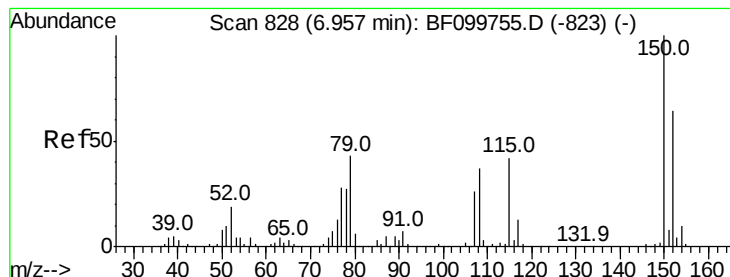
Sohil
 11/1/2017 2:37:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.544 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	39.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.666 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

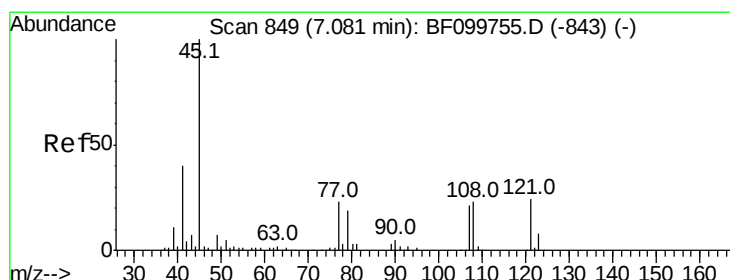
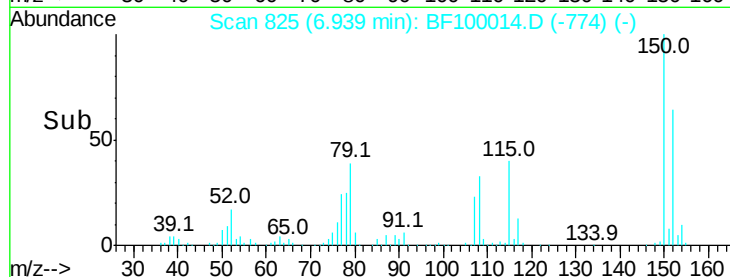
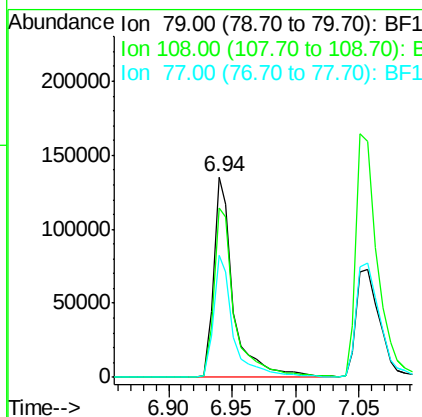
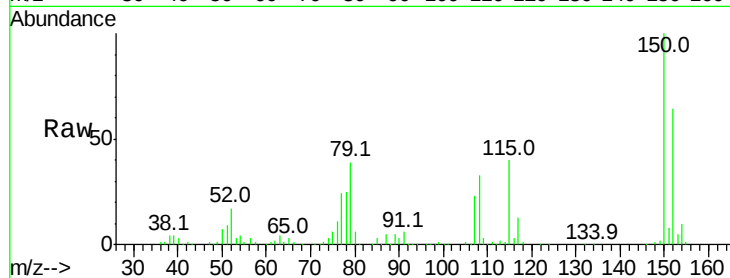
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:	79	Resp:	149805
Ion Ratio	Lower	Upper	
79	100		
108	84.6	65.1	97.7
77	61.1	50.6	75.8

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.330 ng

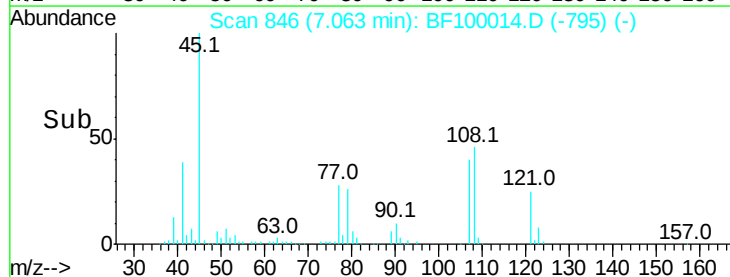
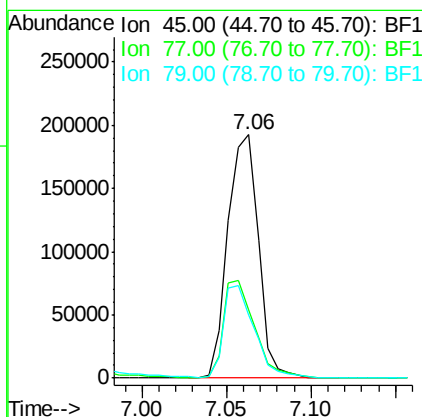
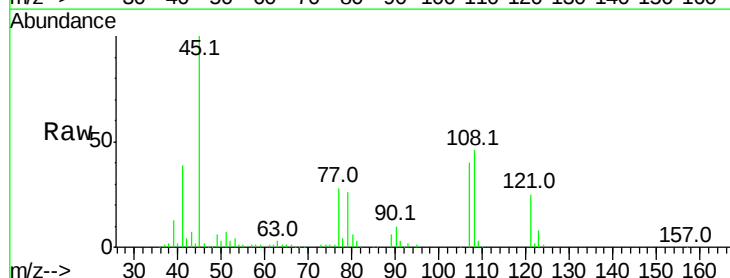
RT: 7.06 min Scan# 846

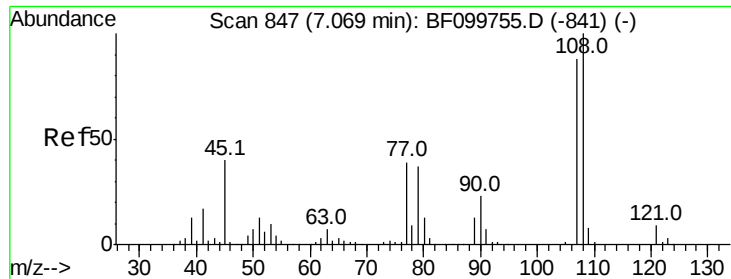
Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	45	Resp:	242347
Ion Ratio	Lower	Upper	
45	100		
77	28.1	0.0	32.9
79	25.8	0.0	29.6





#17

2-Methylphenol

Concen: 38.316 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:107 Resp: 171082

Ion Ratio Lower Upper

107 100

108 110.9 91.7 137.5

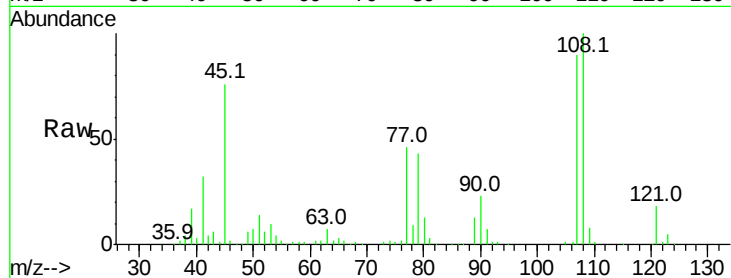
77 50.5 33.8 50.8

79 47.8 33.8 50.8

Manual Integrations
APPROVED

Sohil

11/1/2017 2:37:49 PM

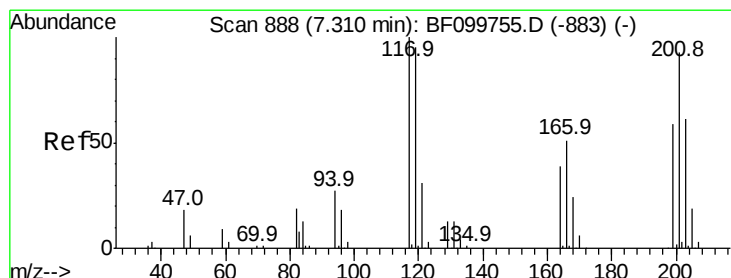
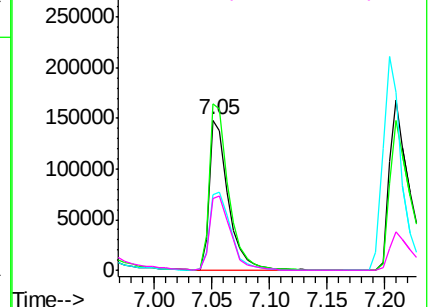
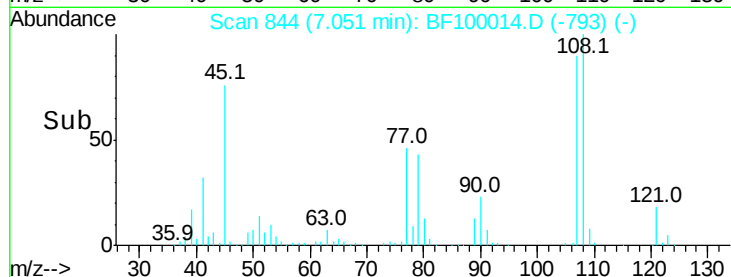


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.555 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

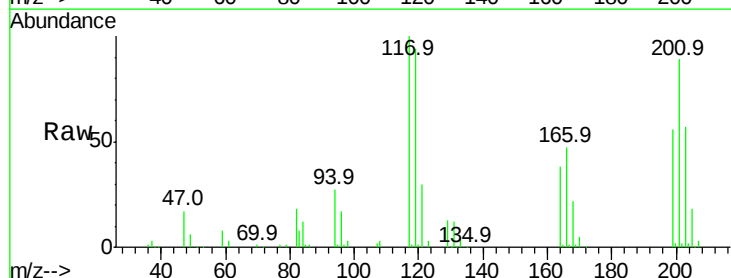
Tgt Ion:117 Resp: 72155

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

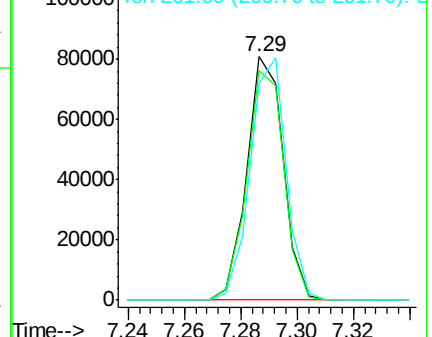
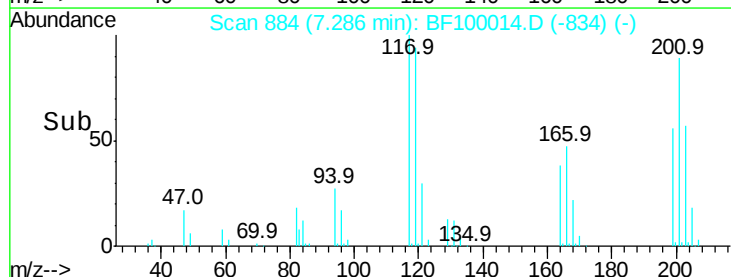
201 89.2 75.7 113.5

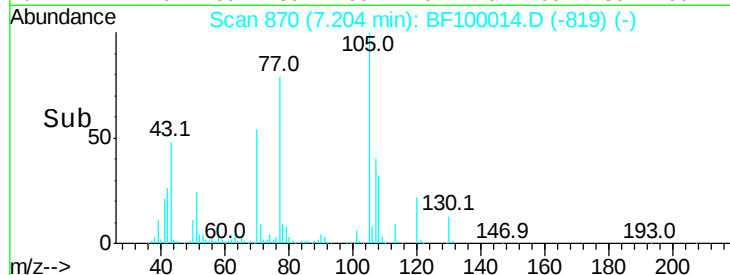
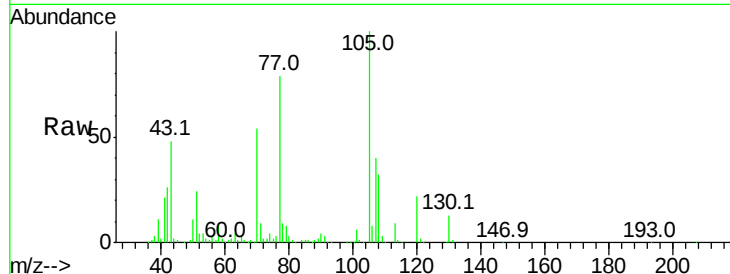
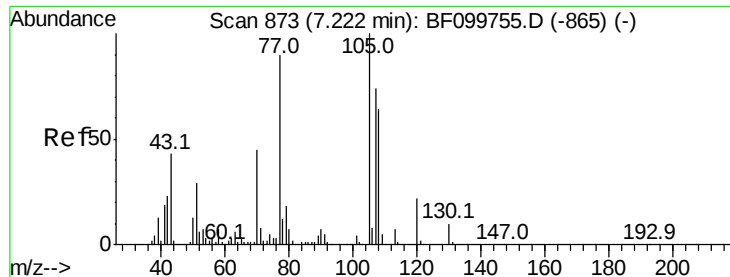


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





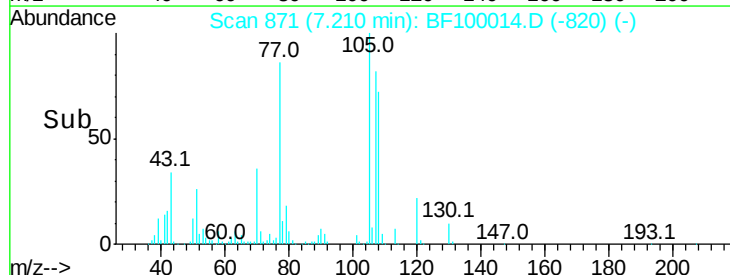
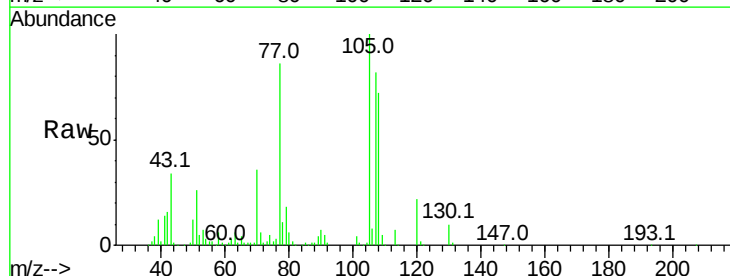
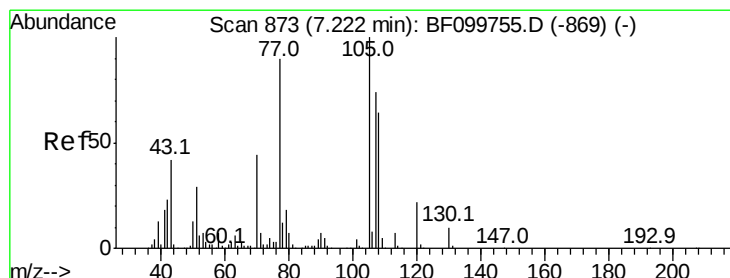
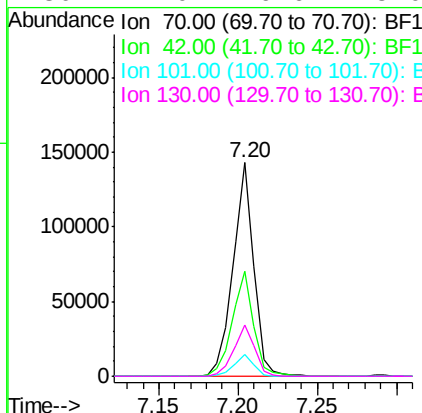
#19
n-Nitroso-di-n-propylamine
Concen: 37.371 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.3	47.5	71.3	
101	10.3	7.4	11.2	
130	24.0	16.6	25.0	

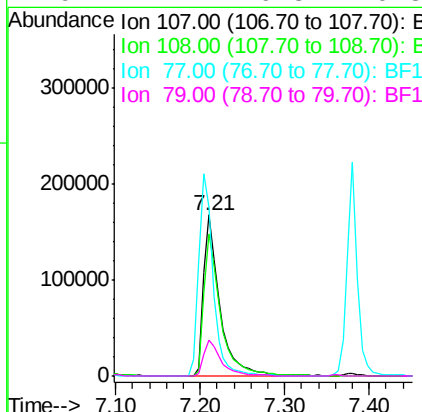
Manual Integrations
APPROVED

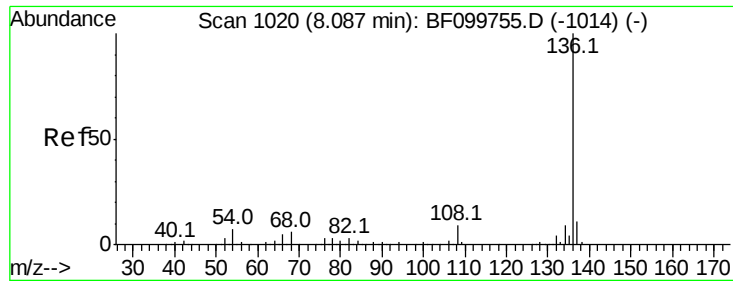
Sohil
11/1/2017 2:37:49 PM



#20
3+4-Methylphenols
Concen: 43.434 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	68.2	108.2	
77	104.5	26.7	66.7#	
79	22.2	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

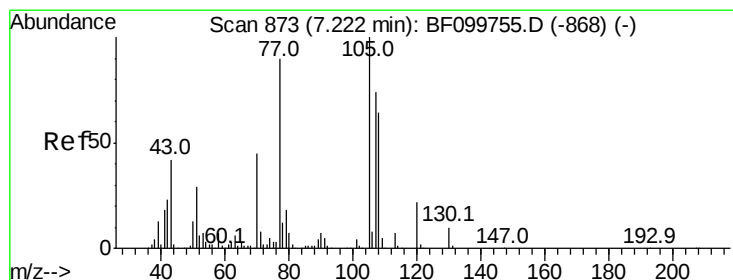
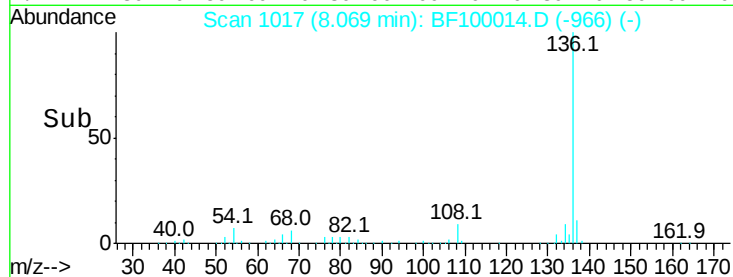
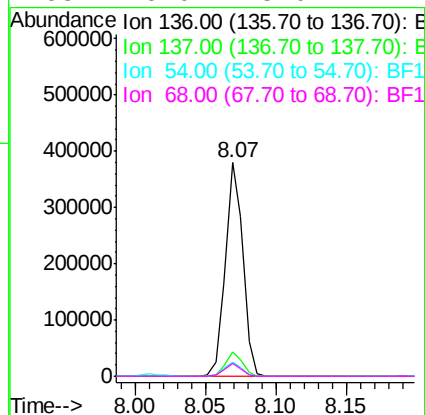
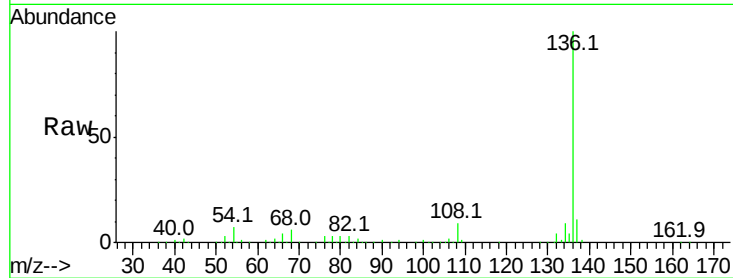
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	6.9	6.6	9.8	
68	6.0	5.0	7.4	

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#22

Acetophenone

Concen: 37.016 ng

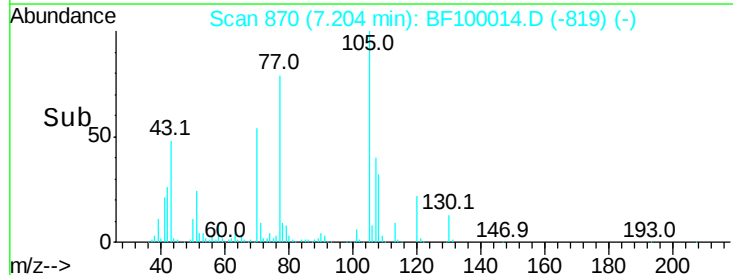
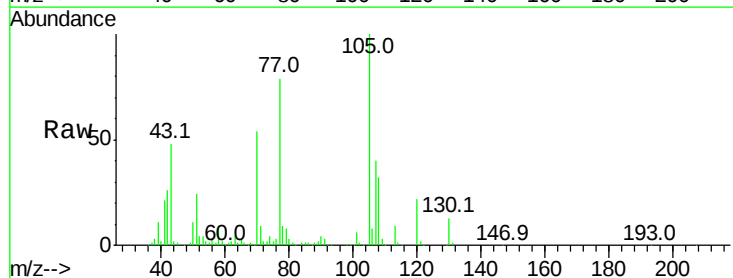
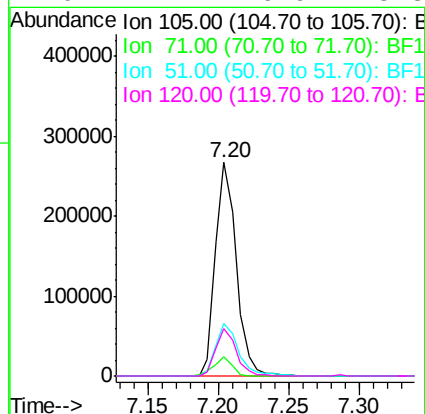
RT: 7.20 min Scan# 870

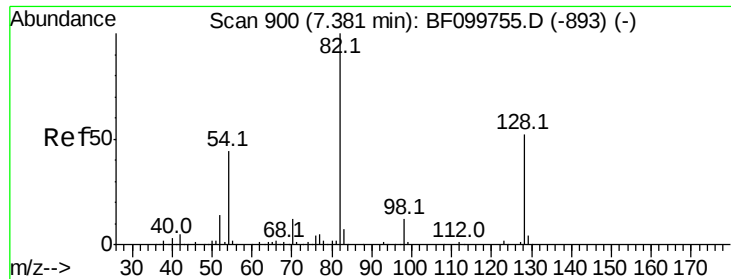
Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.1	4.4	6.6#	
51	24.5	22.3	33.5	
120	22.4	16.9	25.3	





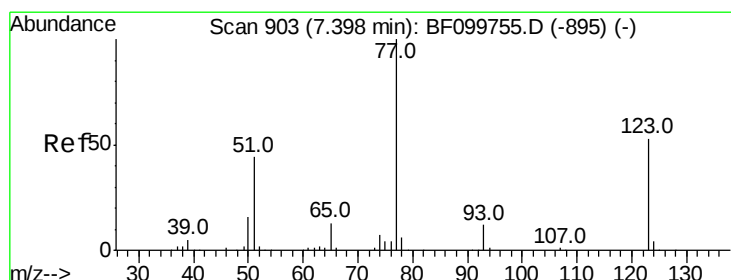
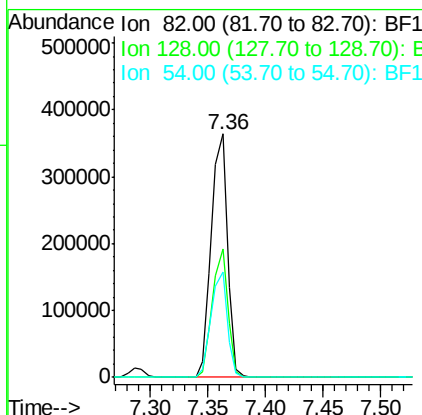
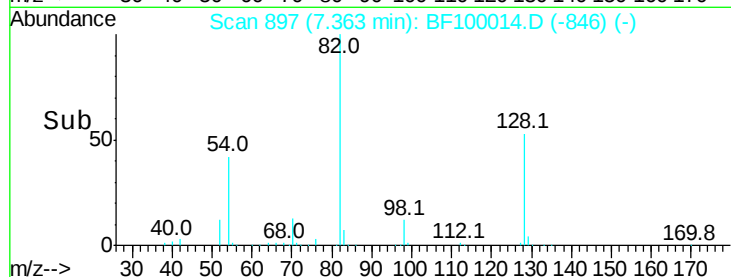
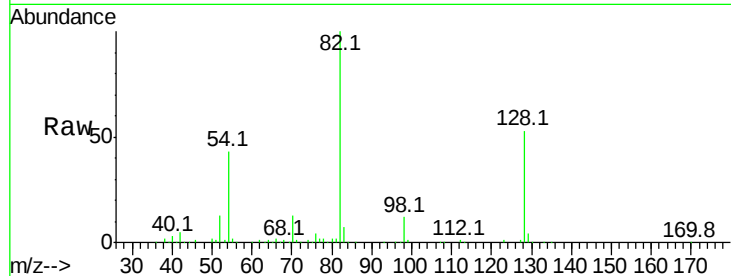
#23
 Nitrobenzene-d5
 Concen: 70.665 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tot Ion:	82	Resp:	359747
Ion Ratio	Lower	Upper	
82	100		
128	52.6	36.1	54.1
54	43.0	41.4	62.2

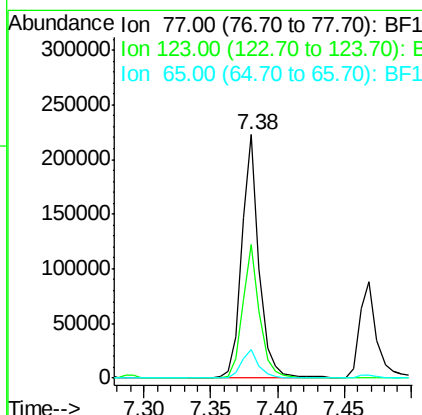
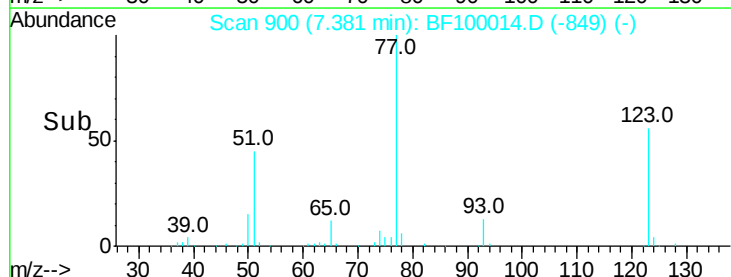
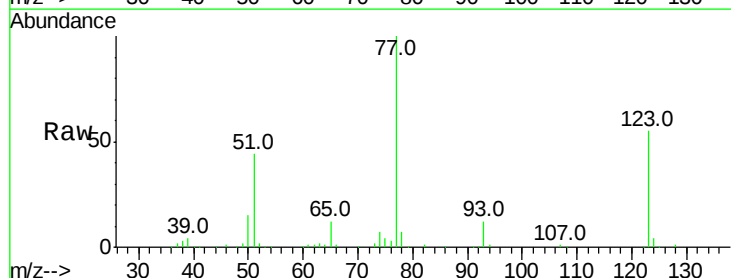
Manual Integrations
 APPROVED

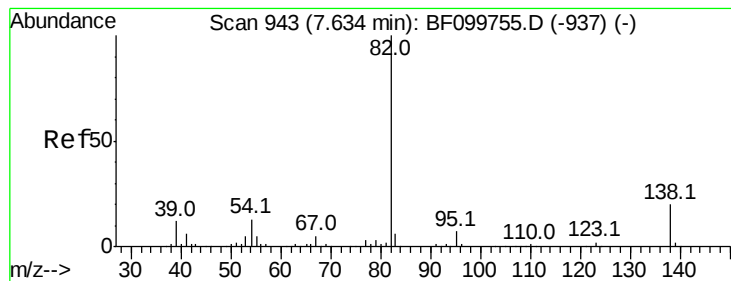
Sohil
 11/1/2017 2:37:49 PM



#24
 Nitrobenzene
 Concen: 38.641 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion:	77	Resp:	198210
Ion Ratio	Lower	Upper	
77	100		
123	54.8	37.9	56.9
65	11.9	11.0	16.4





#25

Isophorone

Concen: 41.231 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

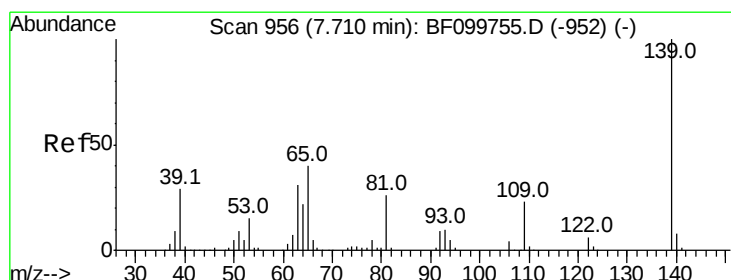
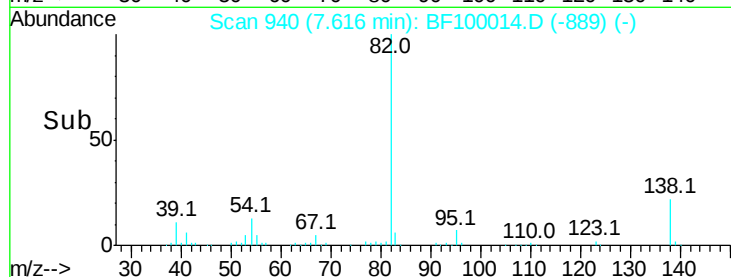
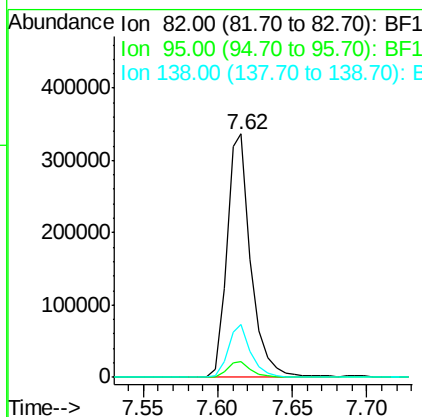
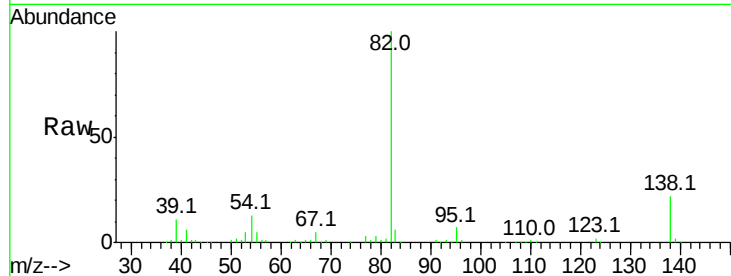
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:	82	Resp:	380887
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	21.5	14.9	22.3

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#26

2-Nitrophenol

Concen: 40.990 ng

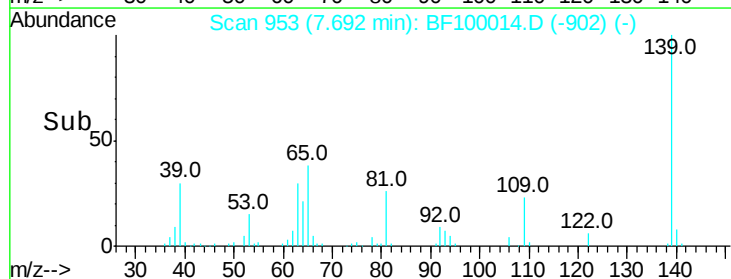
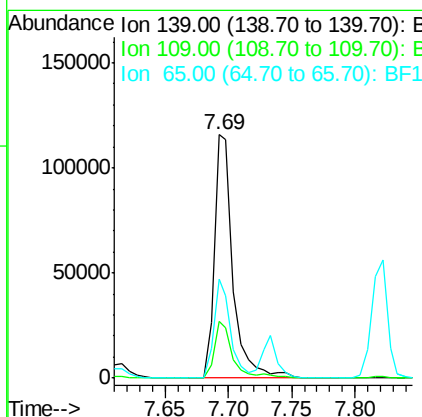
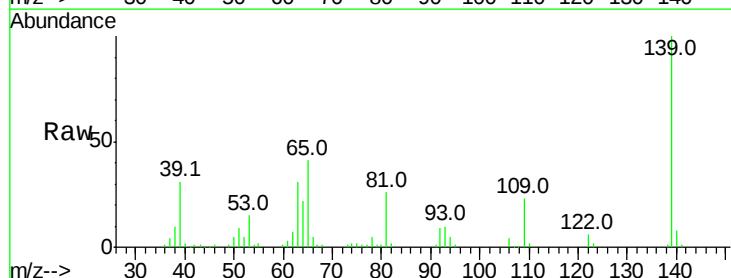
RT: 7.69 min Scan# 953

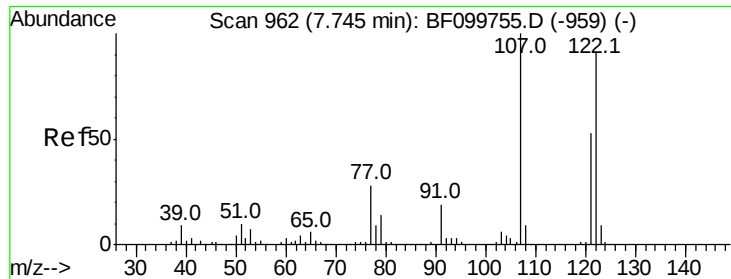
Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	139	Resp:	120426
Ion Ratio	Lower	Upper	
139	100		
109	23.3	22.7	34.1
65	40.8	40.5	60.7





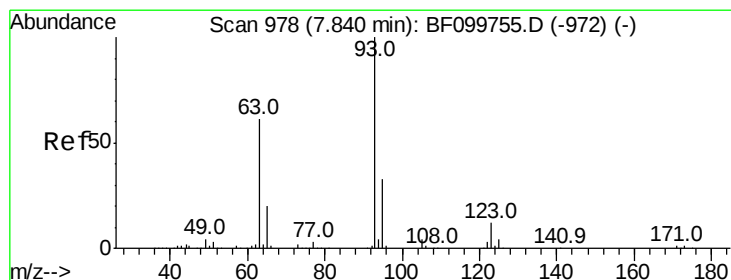
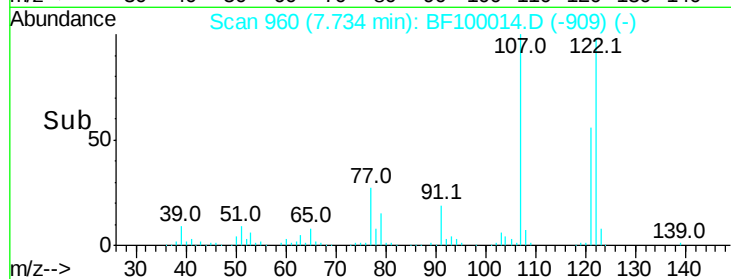
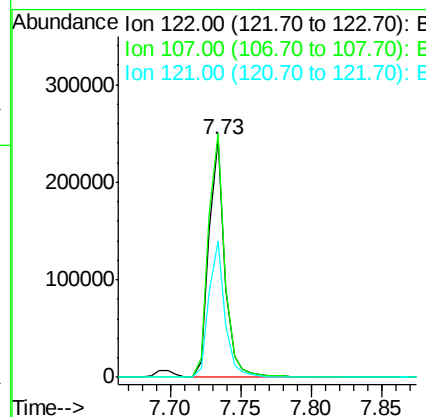
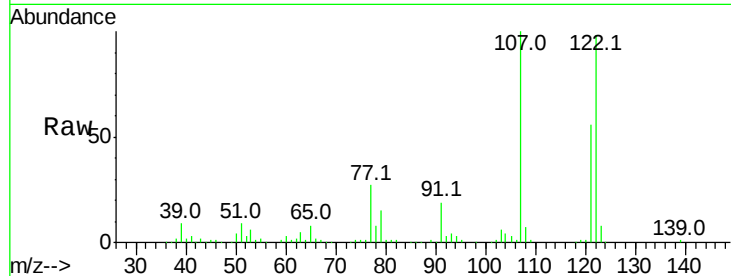
#27
 2,4-Dimethylphenol
 Concen: 44.534 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		192777		
107	102.2	91.2		136.8	
121	57.2	47.2		70.8	

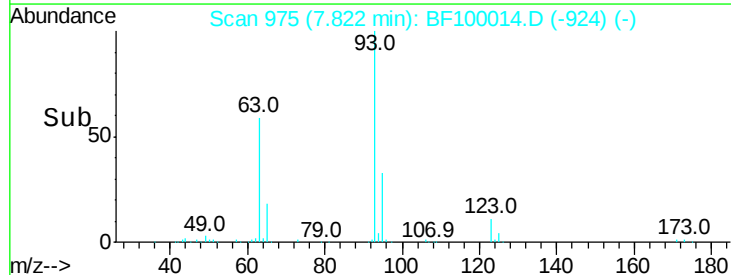
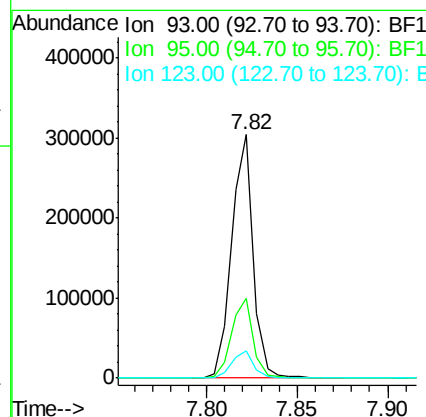
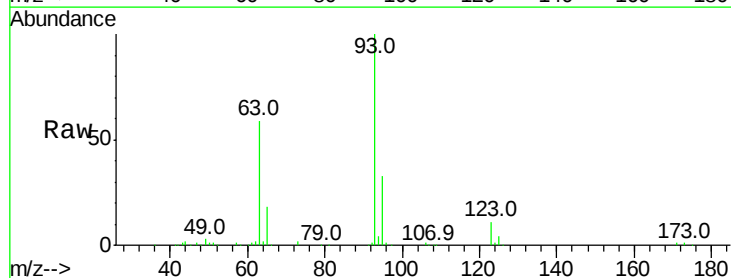
Manual Integrations
 APPROVED

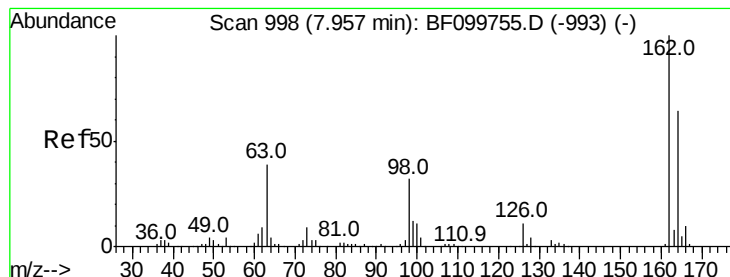
Sohil
 11/1/2017 2:37:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.848 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		251332		
95	32.6	26.3		39.5	
123	11.4	9.8		14.6	





#29

2,4-Dichlorophenol

Concen: 42.599 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

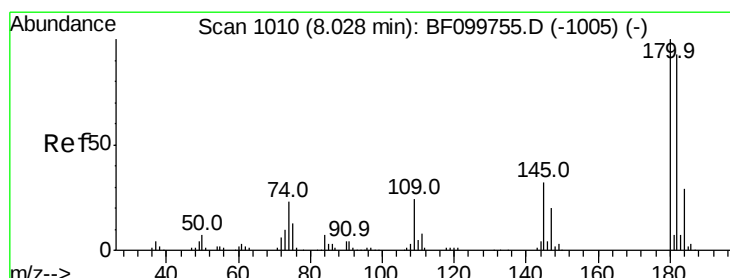
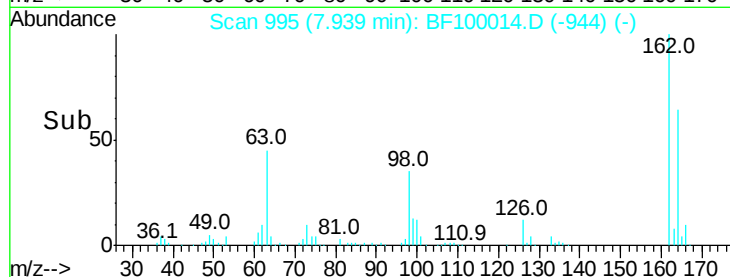
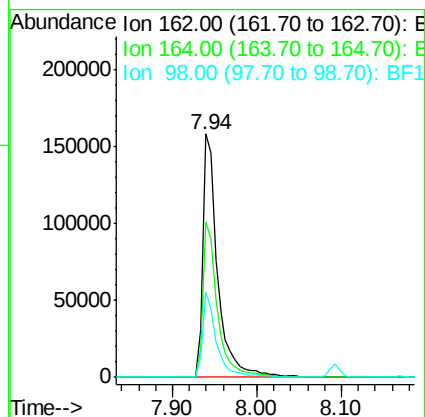
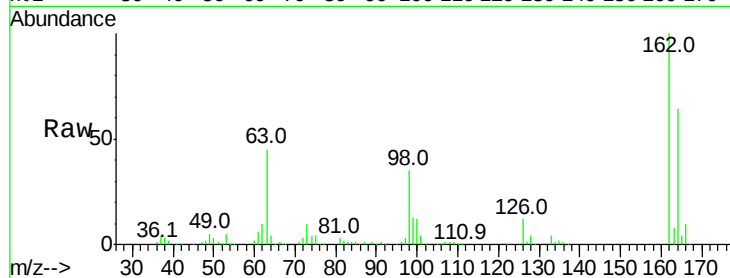
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:	162	Resp:	191562
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	34.8	18.1	58.1

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#30

1,2,4-Trichlorobenzene

Concen: 38.348 ng

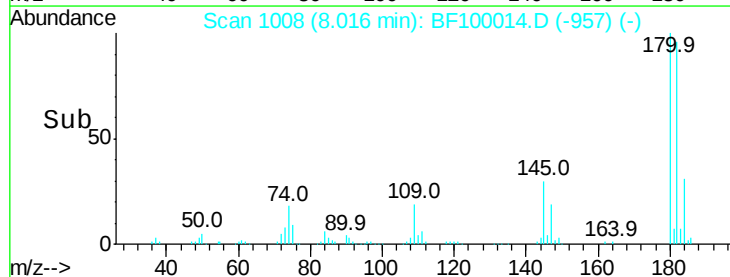
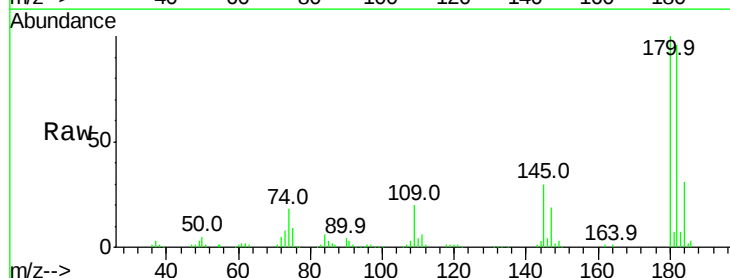
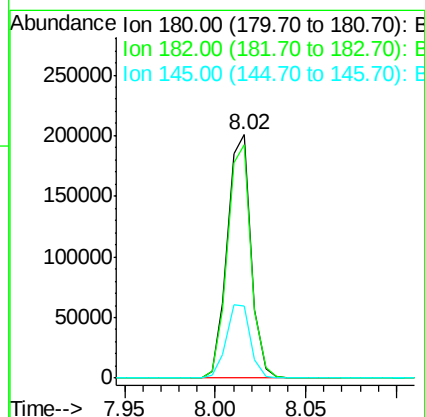
RT: 8.02 min Scan# 1008

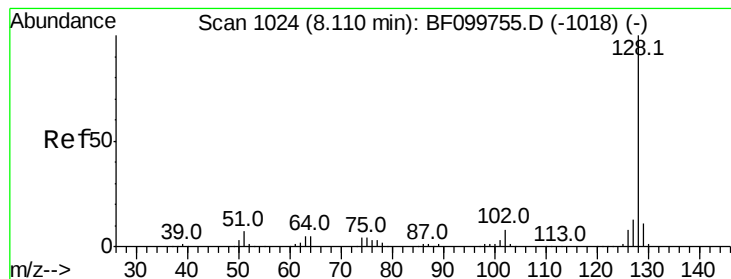
Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	180	Resp:	184253
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.8	115.2
145	29.6	26.5	39.7





#31

Naphthalene

Concen: 37.862 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

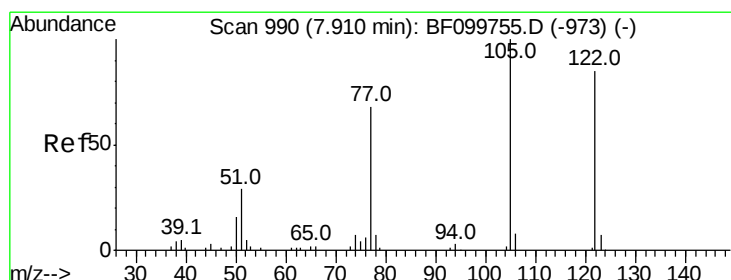
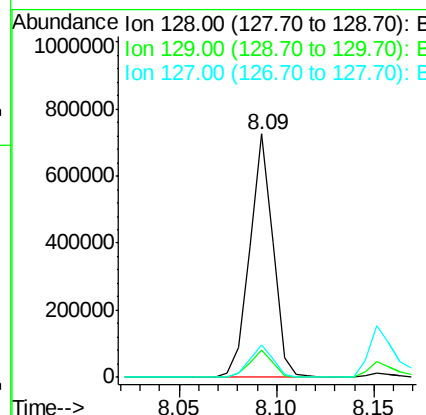
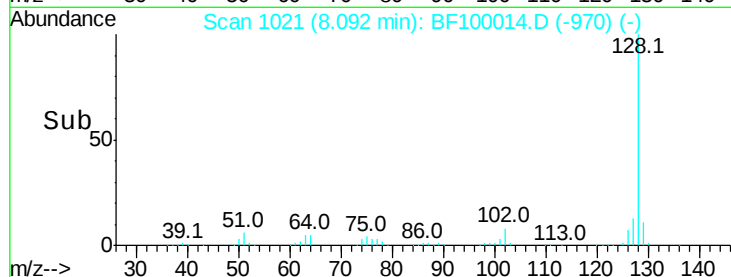
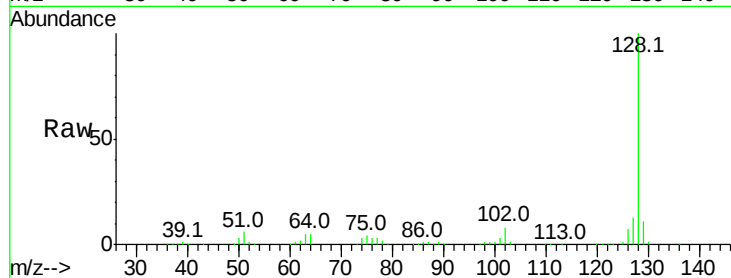
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.8	13.2	
127	13.3	10.9	16.3	

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#32

Benzoic acid

Concen: 50.594 ng

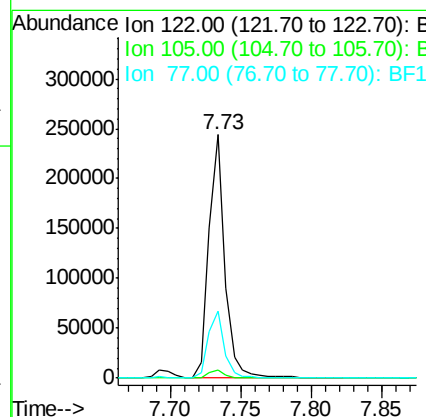
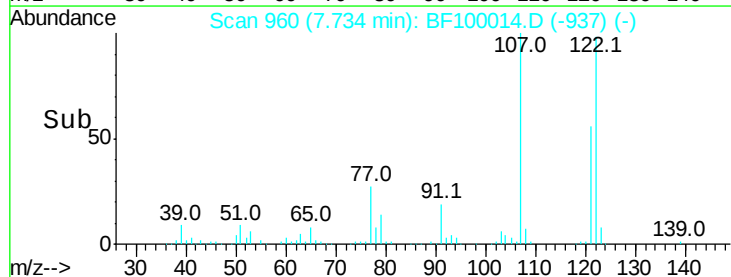
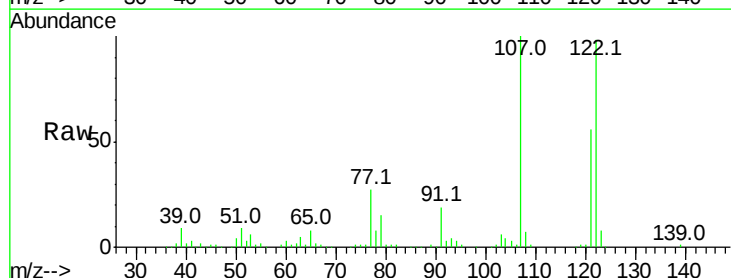
RT: 7.73 min Scan# 960

Delta R.T. -0.16 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	3.2	101.1	141.1#	
77	27.6	70.7	110.7#	





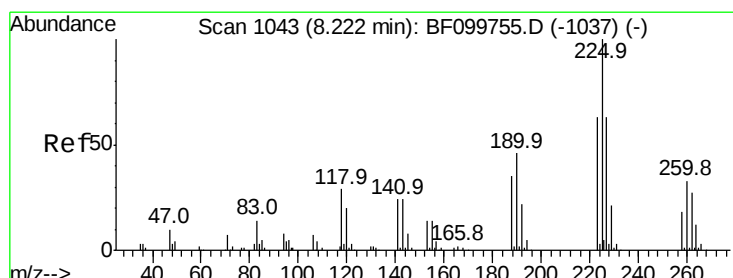
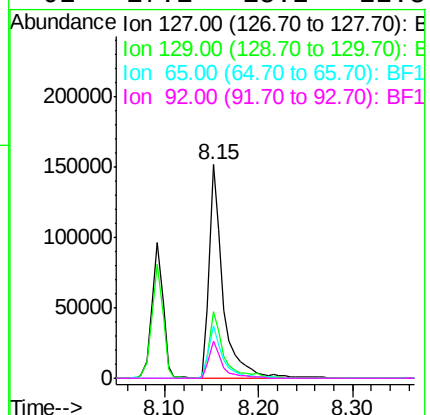
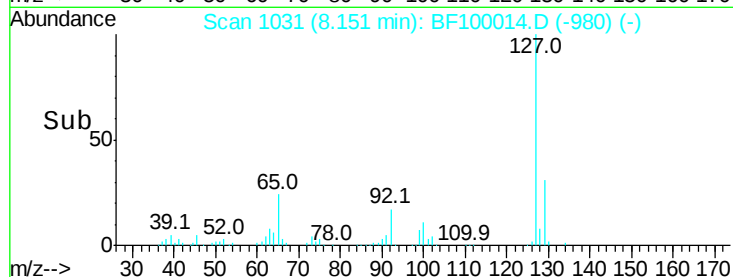
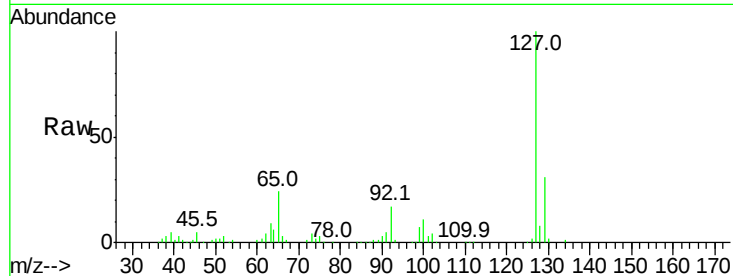
#33
4-Chloroaniline
Concen: 24.171 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	24.4	25.0	37.4
92	17.1	15.2	22.8

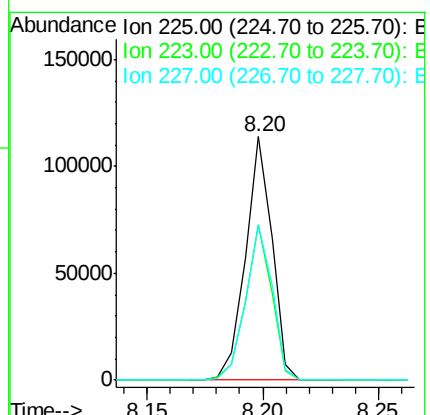
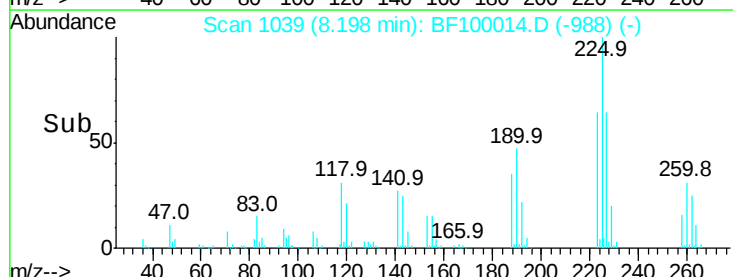
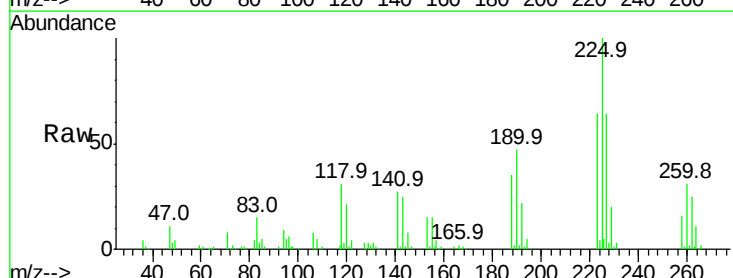
Manual Integrations
APPROVED

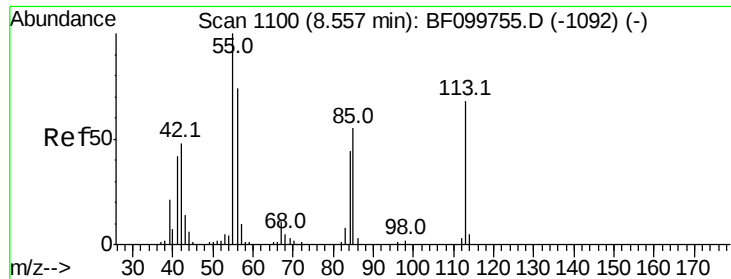
Sohil
11/1/2017 2:37:49 PM



#34
Hexachlorobutadiene
Concen: 37.058 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.6	51.9	77.9





#35

Caprolactam

Concen: 39.499 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

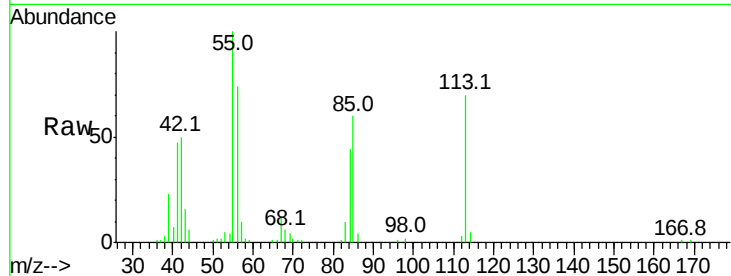
EPE-120-3(20-22)MSD

Tot Ion:113 Resp: 55858

Ion	Ratio	Lower	Upper
113	100		
55	142.0	163.3	203.3#
56	104.8	115.7	155.7#

Manual Integrations
APPROVED

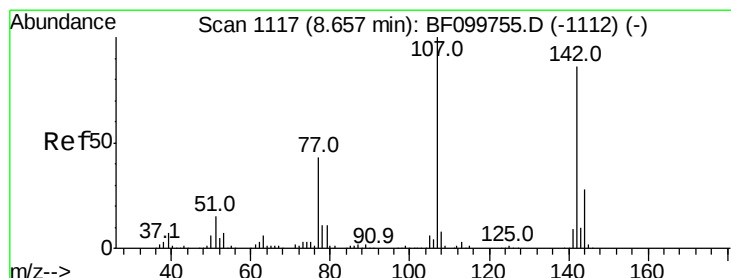
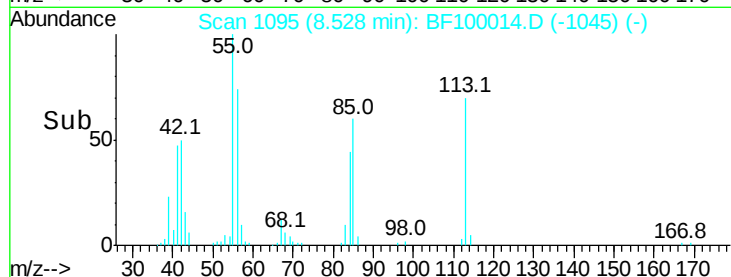
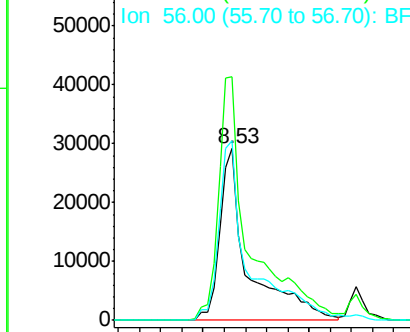
Sohil
11/1/2017 2:37:49 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.053 ng

RT: 8.65 min Scan# 1115

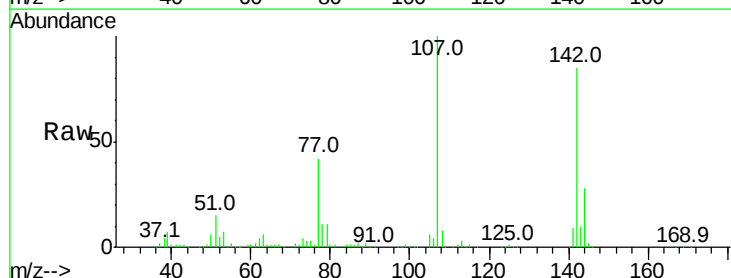
Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:107 Resp: 183838

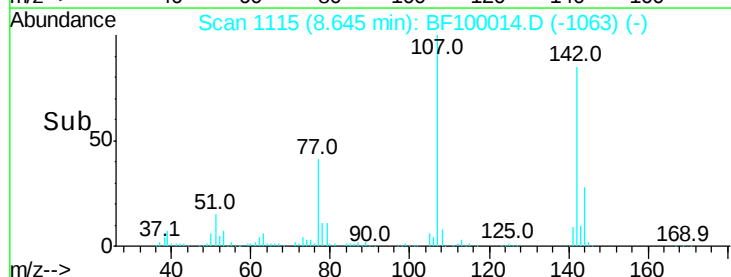
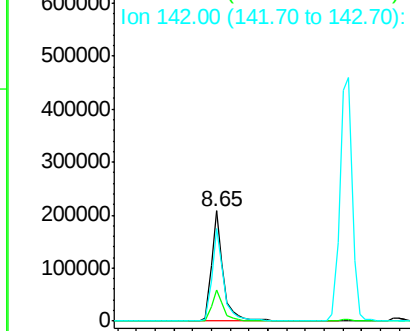
Ion	Ratio	Lower	Upper
107	100		
144	28.2	20.5	30.7
142	84.8	62.0	93.0

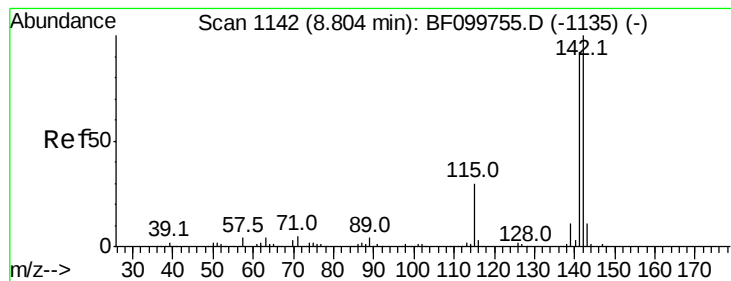


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





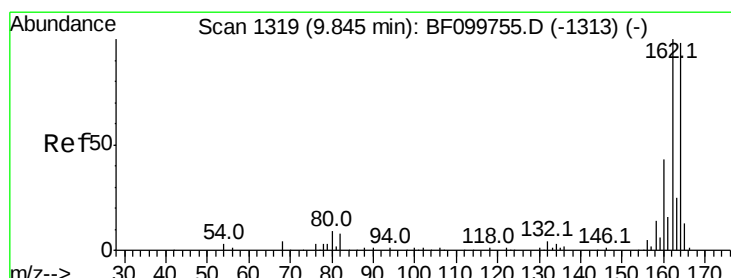
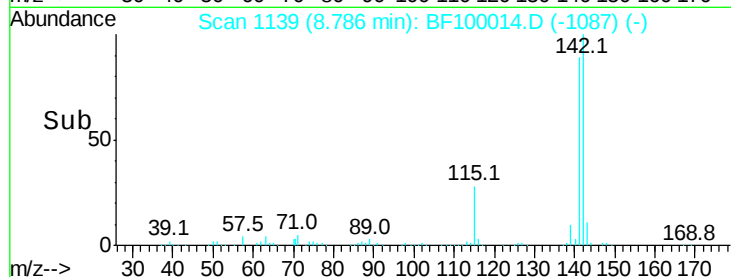
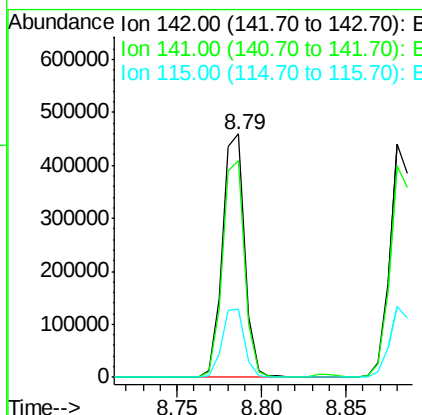
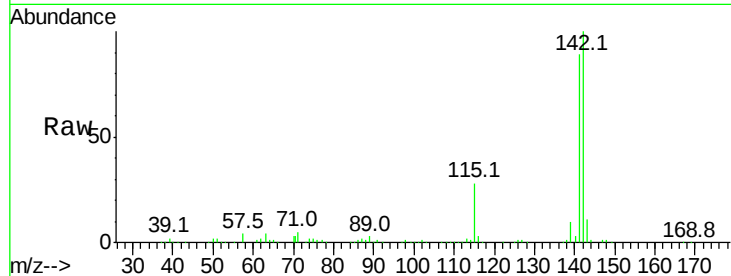
#37
 2-Methylnaphthalene
 Concen: 39.639 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	28.0	26.1	39.1

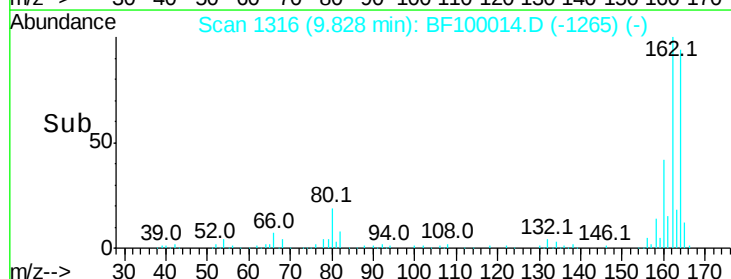
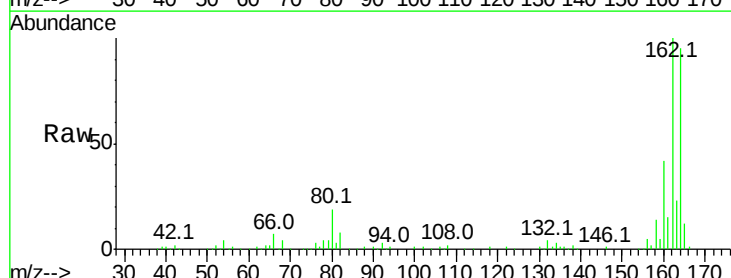
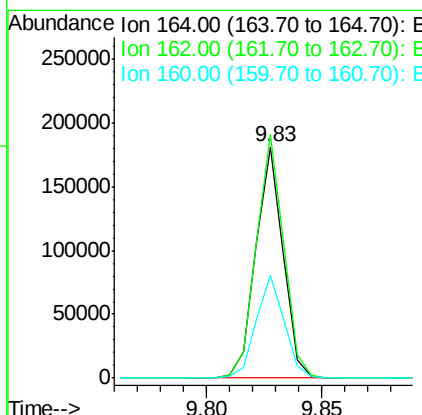
Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:49 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	44.5	38.3	57.5





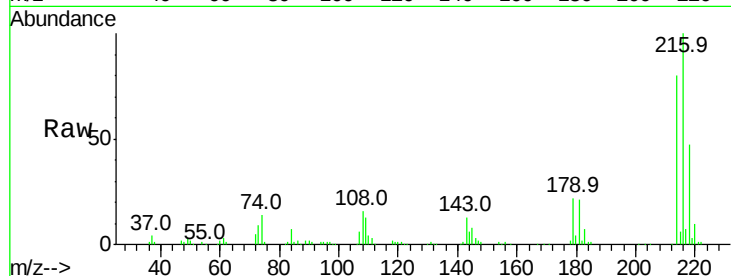
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.045 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

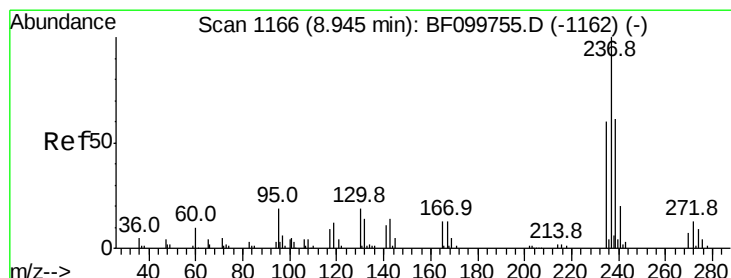
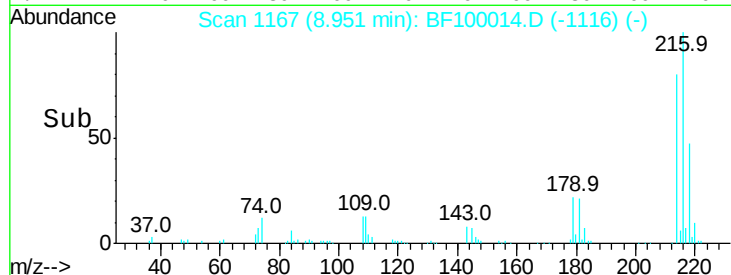
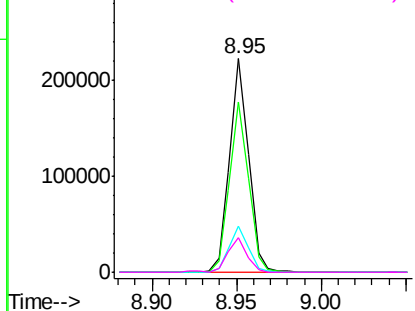
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.0	94.4
179	21.7	18.1	27.1
108	16.5	17.2	25.8#

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:49 PM

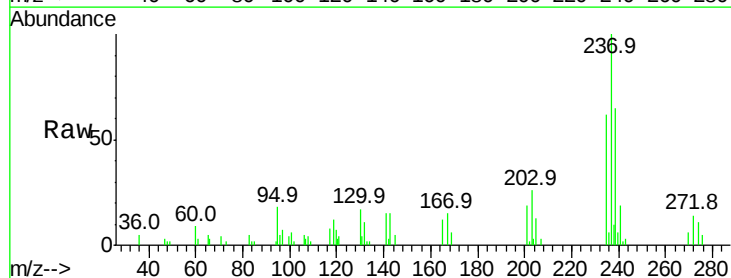


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

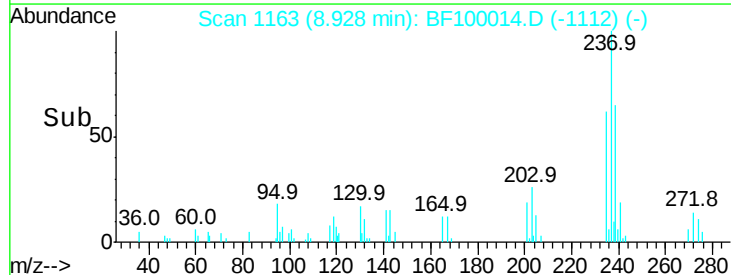
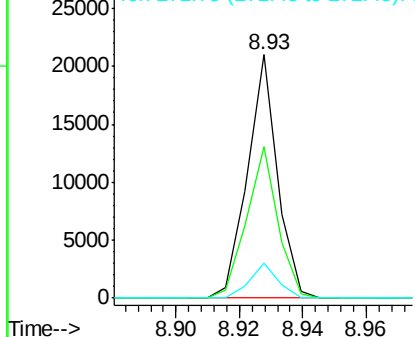


#40
 Hexachlorocyclopentadiene
 Concen: 25.481 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.2	44.8	84.8
272	14.4	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 106.345 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

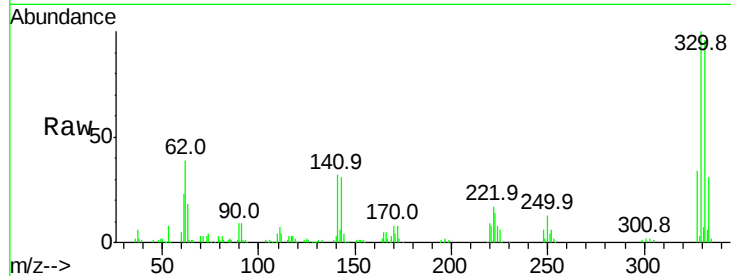
ClientSampleId :

EPE-120-3(20-22)MSD

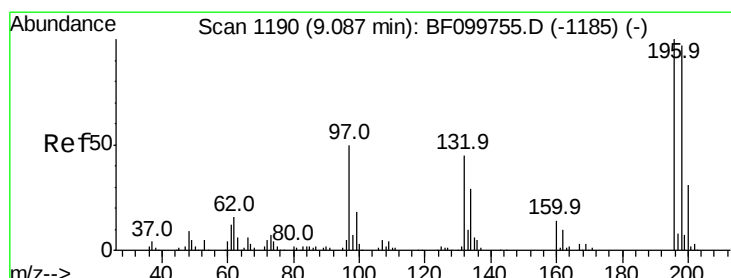
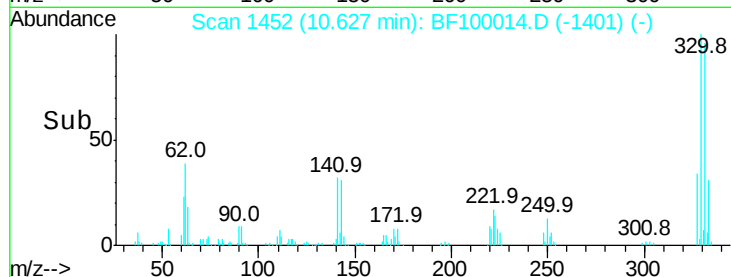
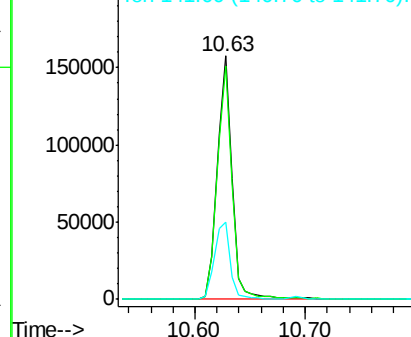
Tot Ion:	330	Resp:	144821
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	33.7	29.9	44.9

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.517 ng

RT: 9.07 min Scan# 1188

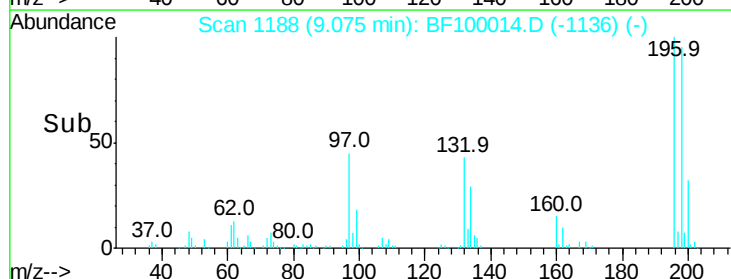
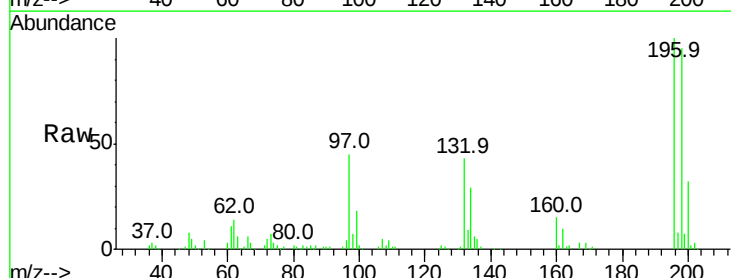
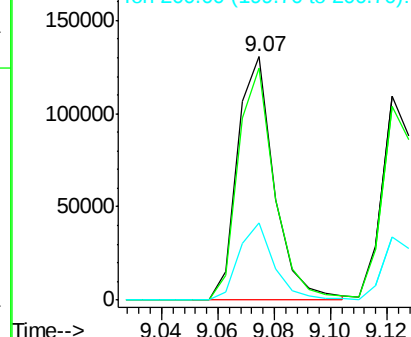
Delta R.T. 0.01 min

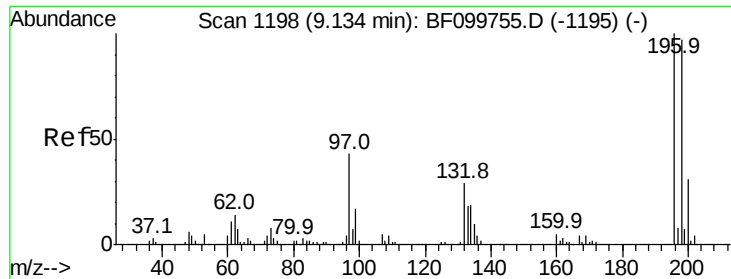
Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	196	Resp:	118282
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.7	113.5
200	31.5	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





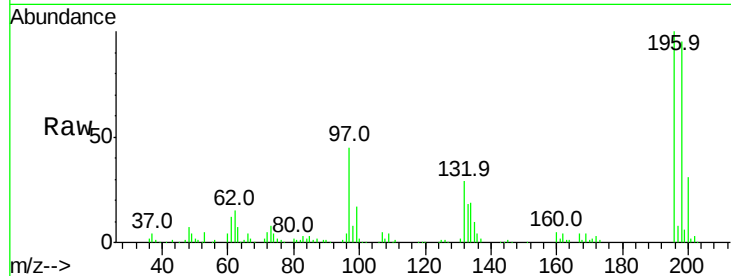
#43
 2,4,5-Trichlorophenol
 Concen: 39.632 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

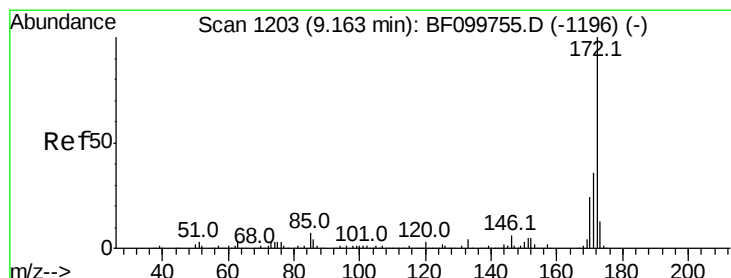
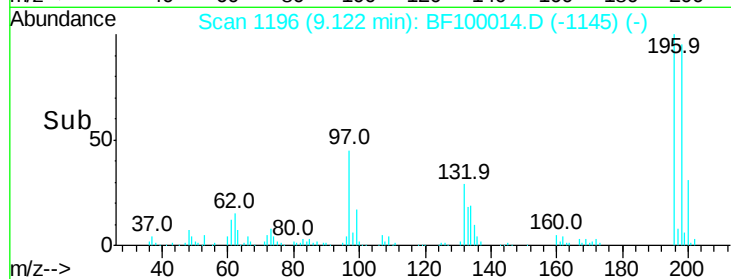
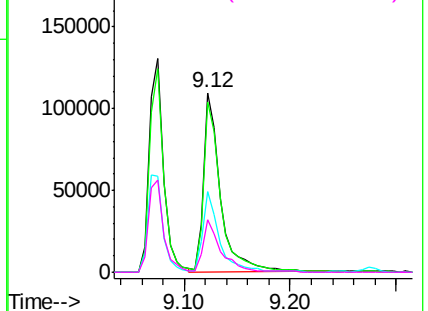
Tot Ion	Ratio	Resp	Lower	Upper
196	100	122777		
198	94.6		74.6	112.0
97	45.3		42.9	64.3
132	29.3		26.3	39.5

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:49 PM



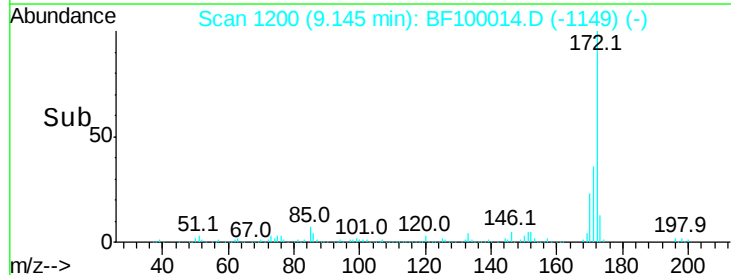
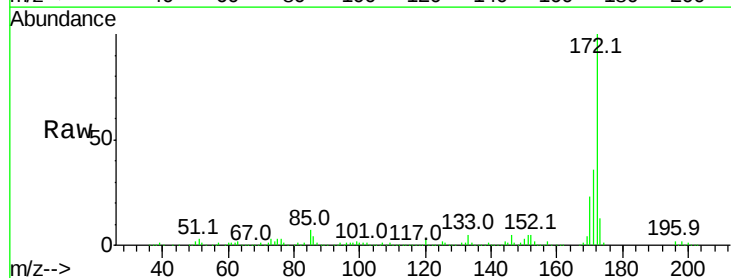
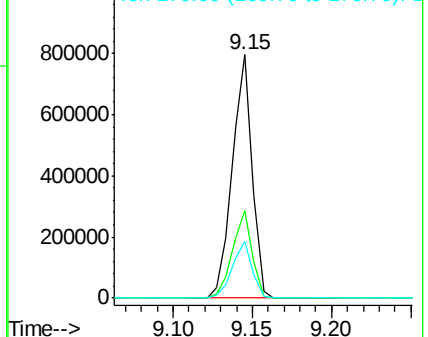
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

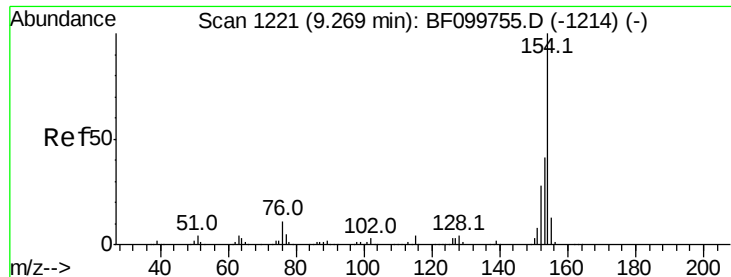


#44
 2-Fluorobiphenyl
 Concen: 71.284 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	690427		
171	36.0		29.7	44.5
170	23.4		19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.504 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

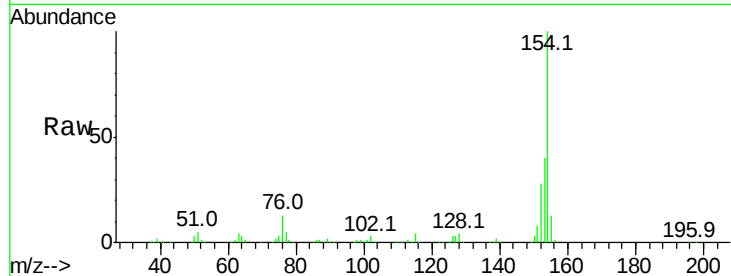
ClientSampleId :

EPE-120-3(20-22)MSD

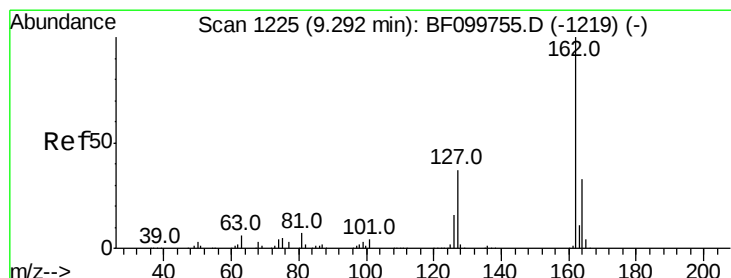
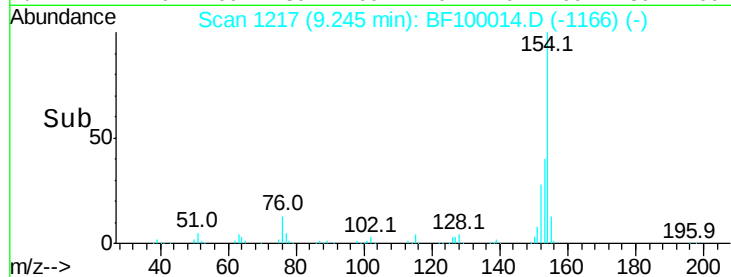
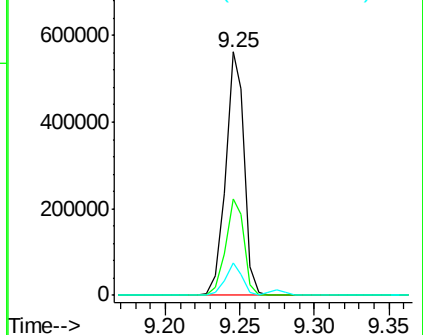
Tot Ion:	154	Resp:	493474
Ion Ratio	Lower	Upper	
154	100		
153	39.6	21.3	61.3
76	13.4	0.0	34.0

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.779 ng

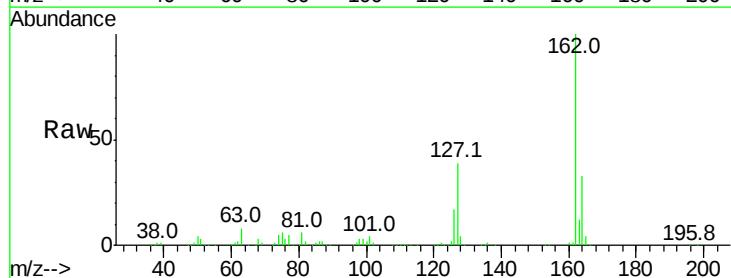
RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

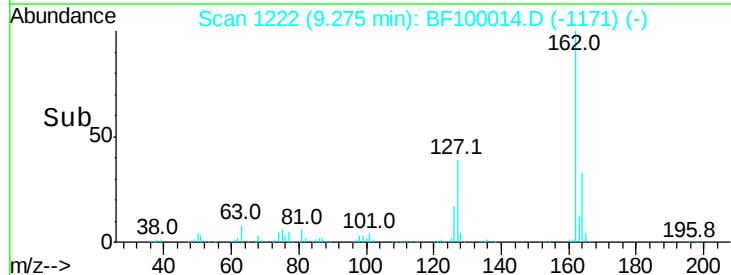
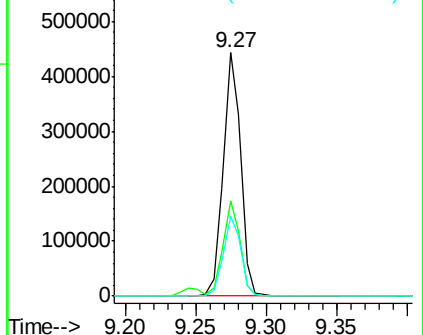
Lab File: BF100014.D

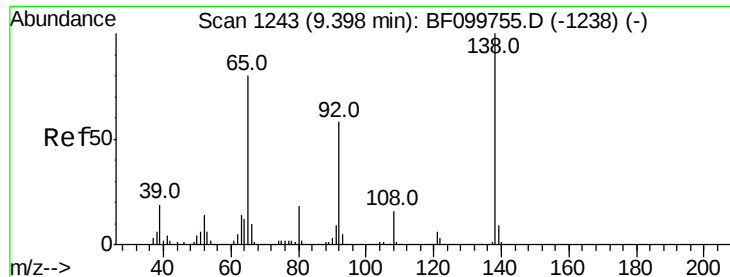
Acq: 31 Oct 2017 20:08

Tgt Ion:	162	Resp:	380713
Ion Ratio	Lower	Upper	
162	100		
127	39.0	33.9	50.9
164	32.7	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.273 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

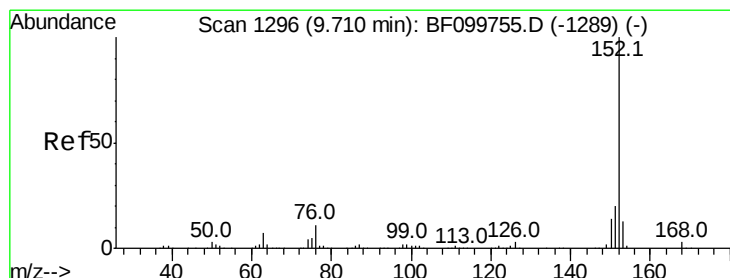
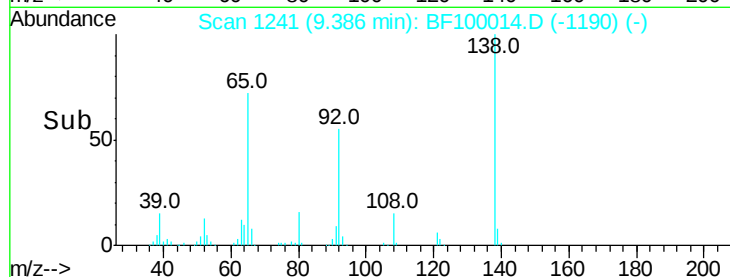
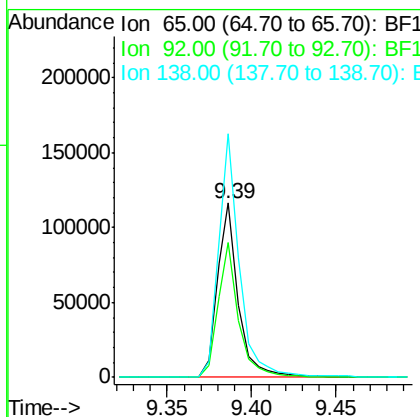
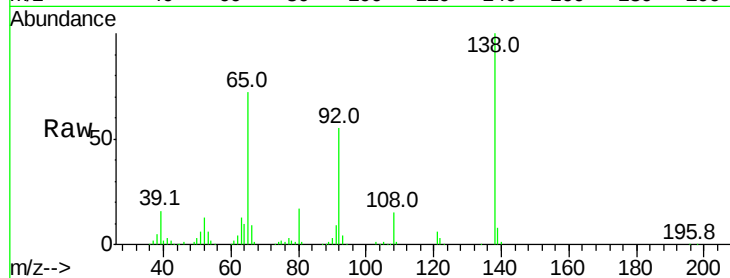
EPE-120-3(20-22)MSD

Tot Ion: 65 Resp: 101193
Ion Ratio Lower Upper

65	100		
92	77.3	55.8	83.6
138	139.7	91.2	136.8#

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#48

Acenaphthylene

Concen: 37.412 ng

RT: 9.69 min Scan# 1293

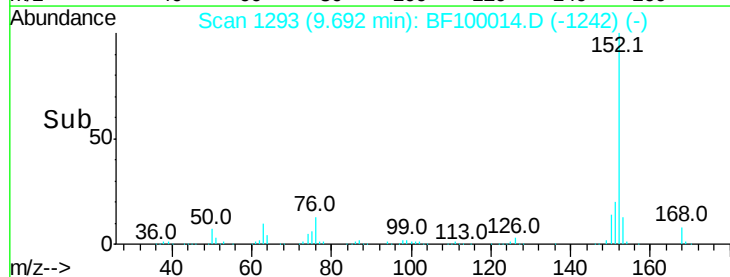
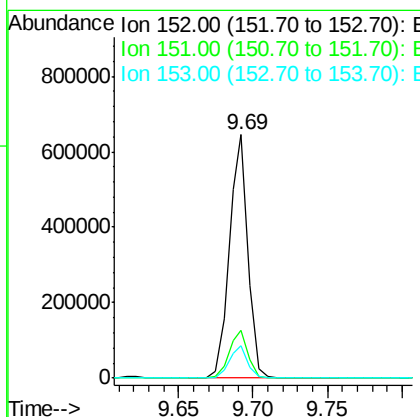
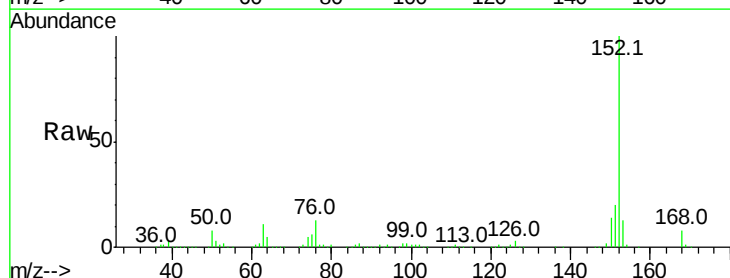
Delta R.T. 0.00 min

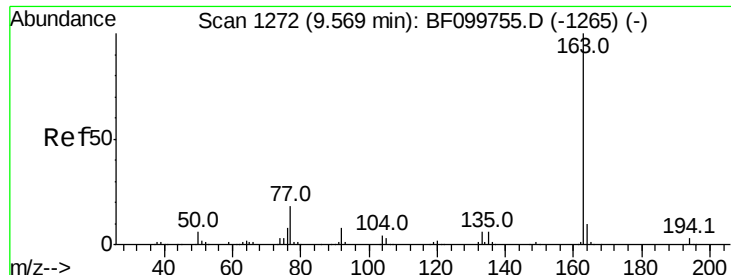
Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion: 152 Resp: 565699
Ion Ratio Lower Upper

152	100		
151	19.9	16.3	24.5
153	13.1	10.7	16.1





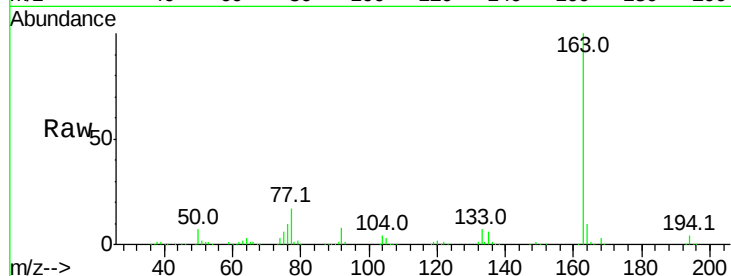
#49
 Dimethylphthalate
 Concen: 52.725 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

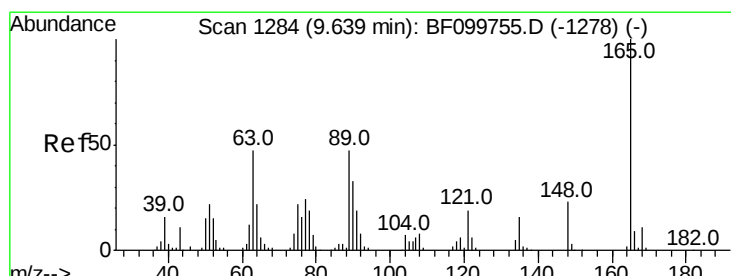
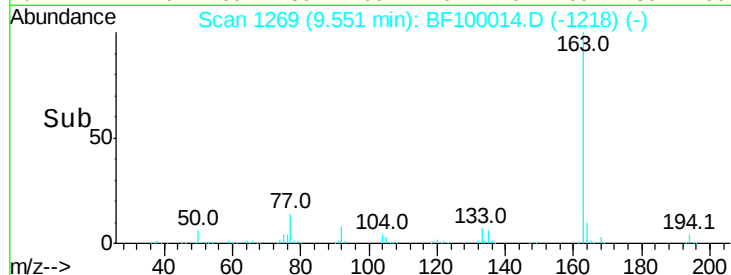
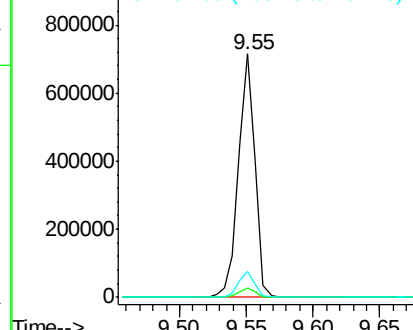
Tot Ion	Ratio	Resp	Lower	Upper
163	100	623934		
194	3.6		2.7	4.1
164	10.4		8.2	12.2

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:49 PM

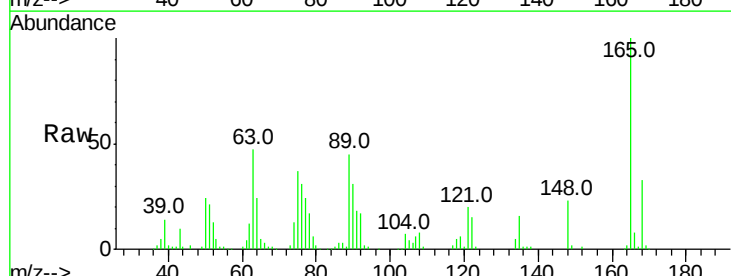


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

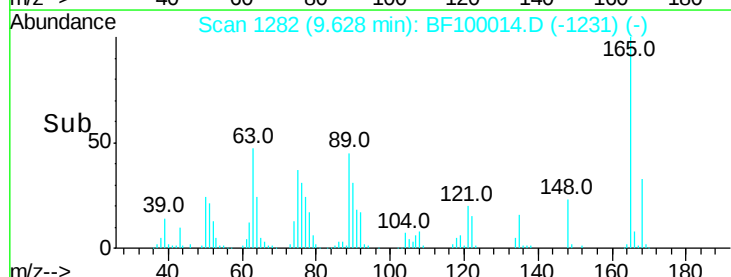
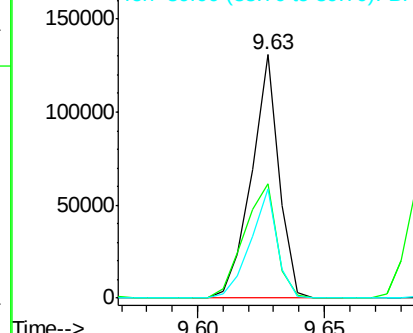


#50
 2,6-Dinitrotoluene
 Concen: 39.708 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98782		
63	47.2		44.7	67.1
89	44.7		44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1





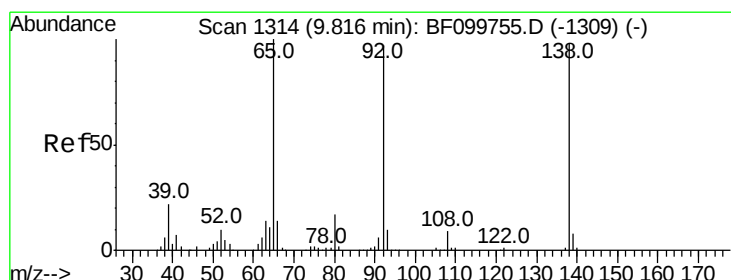
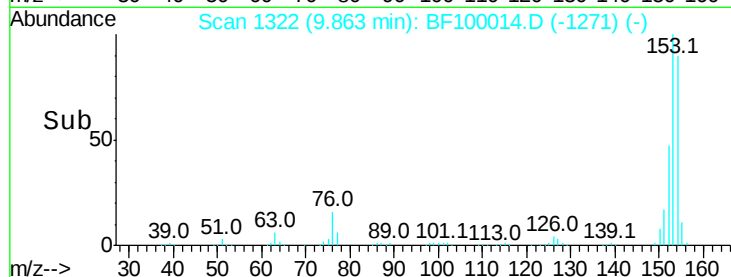
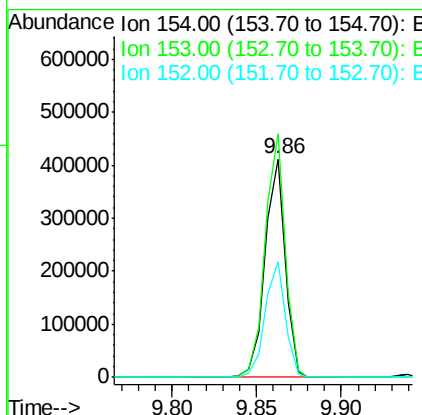
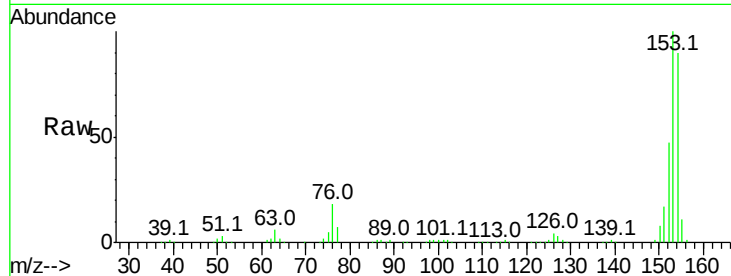
#51
Acenaphthene
Concen: 36.998 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.2	136.8
152	52.8	43.8	65.8

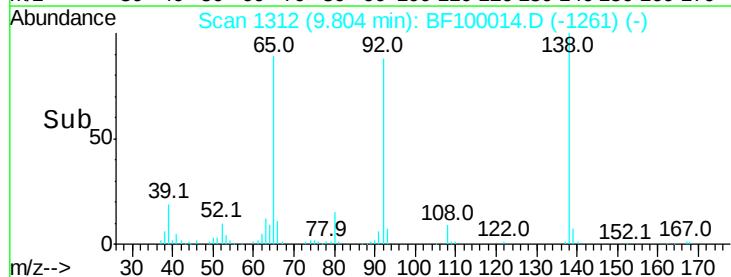
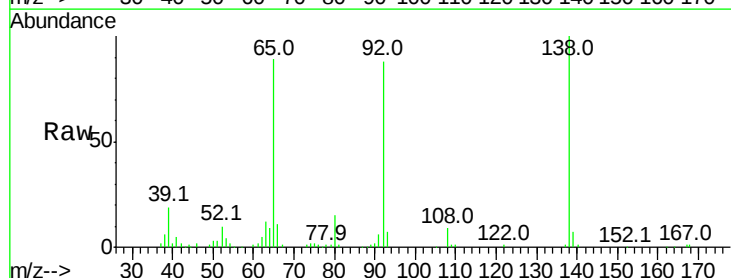
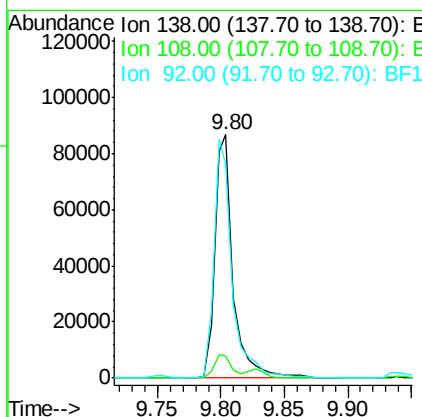
Manual Integrations
APPROVED

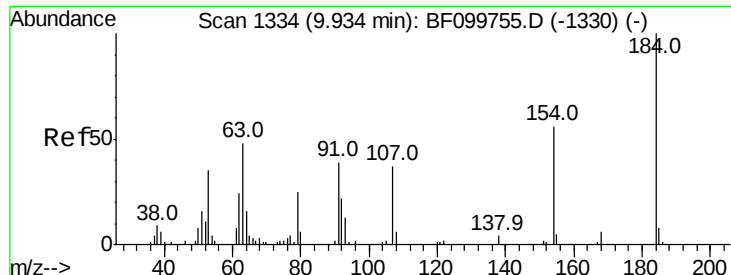
Sohil
11/1/2017 2:37:49 PM



#52
3-Nitroaniline
Concen: 30.015 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.9	9.4	14.0#
92	87.7	89.4	134.2#





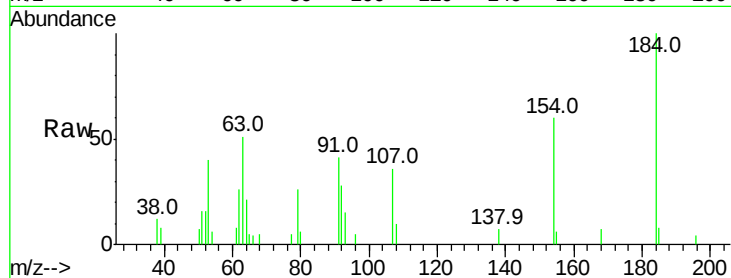
#53
2,4-Dinitrophenol
Concen: 17.495 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

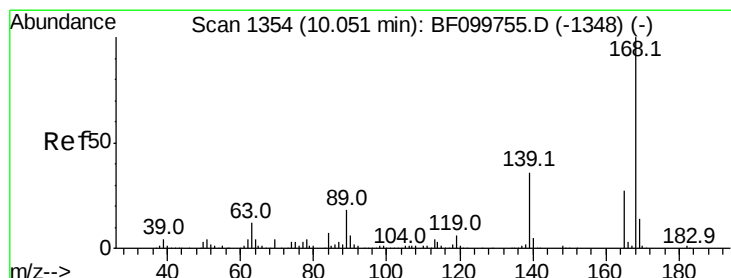
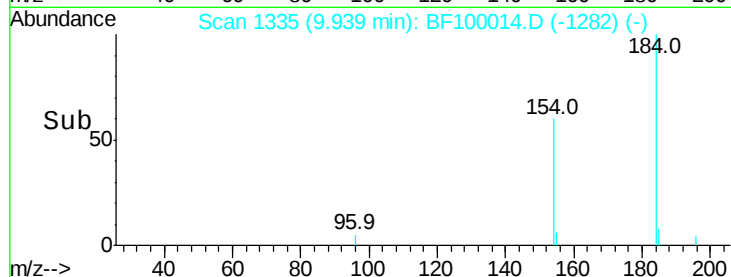
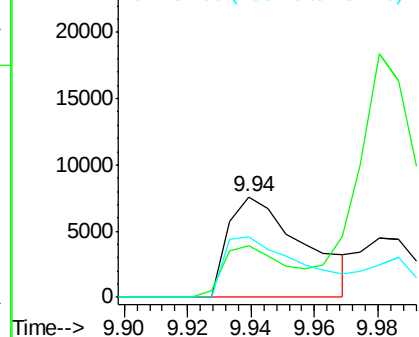
Tot Ion	Ratio	Lower	Upper
184	100		
63	51.2	54.2	81.2#
154	60.3	53.5	80.3

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM

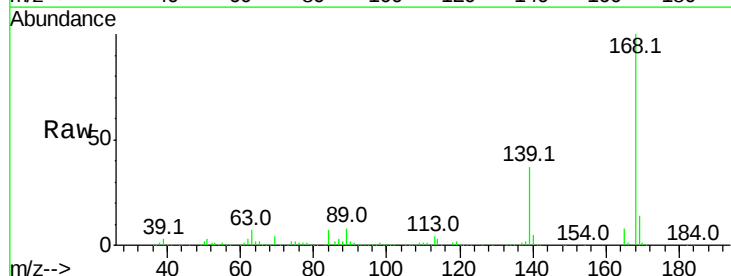


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

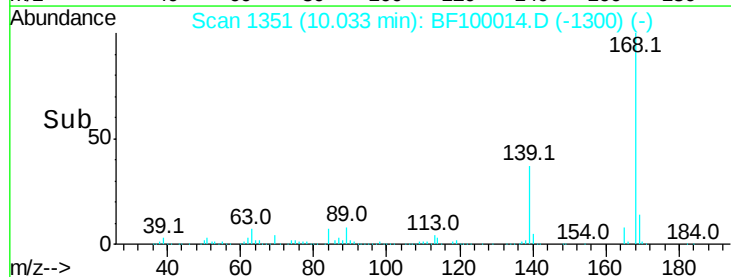
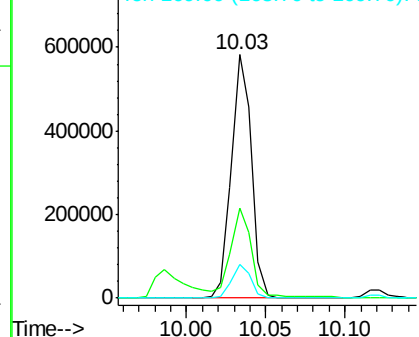


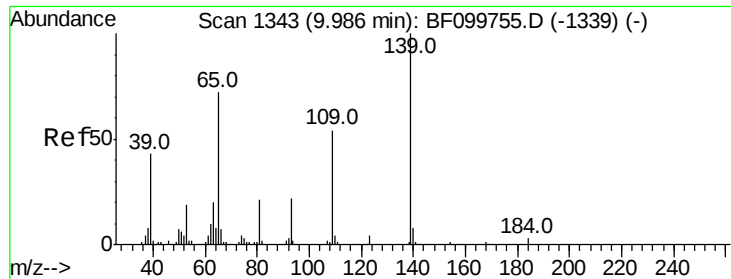
#54
Dibenzofuran
Concen: 39.059 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	13.6	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





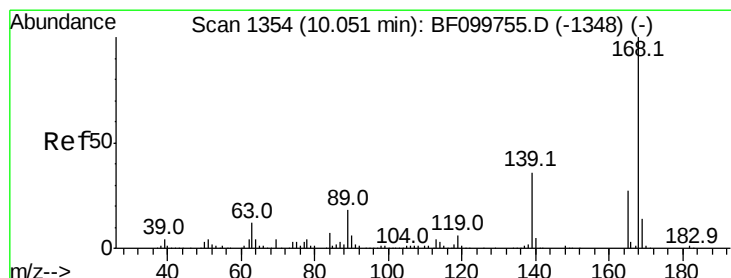
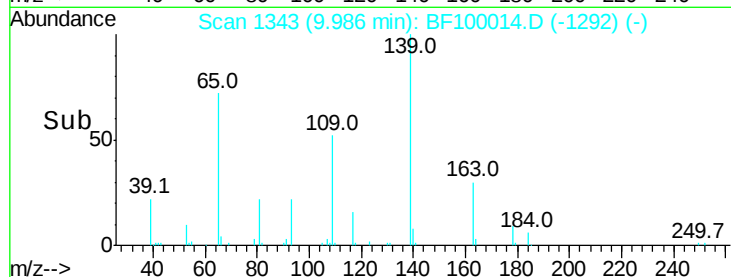
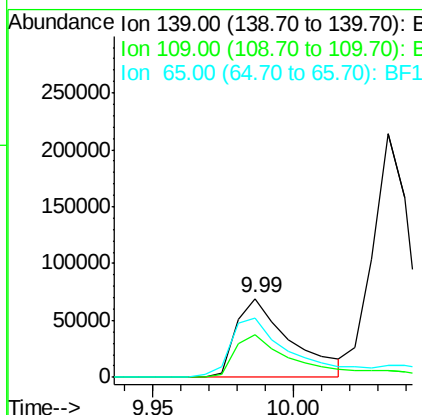
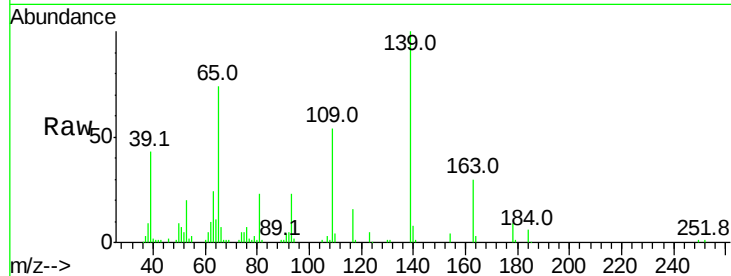
#55
4-Nitrophenol
Concen: 60.977 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	53.7	48.4	88.4
65	74.4	72.6	112.6

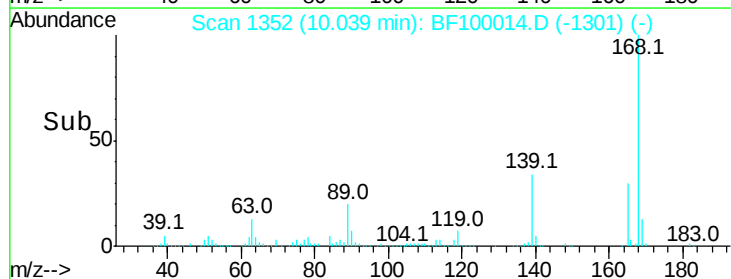
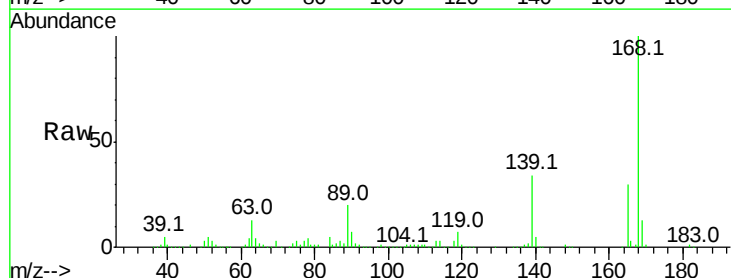
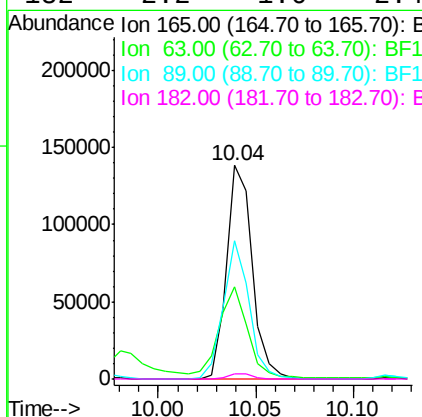
Manual Integrations
APPROVED

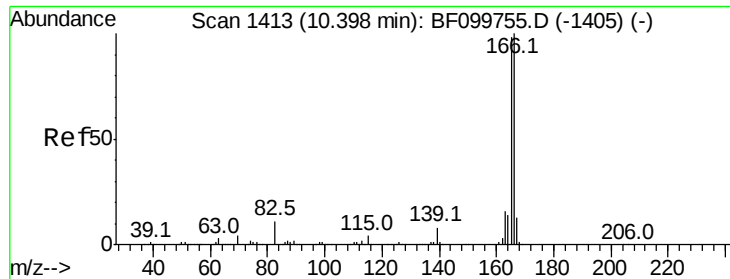
Sohil
11/1/2017 2:37:49 PM



#56
2,4-Dinitrotoluene
Concen: 41.929 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.4	36.4	54.6
89	64.8	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 37.476 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:166 Resp: 404678

Ion Ratio Lower Upper

166 100

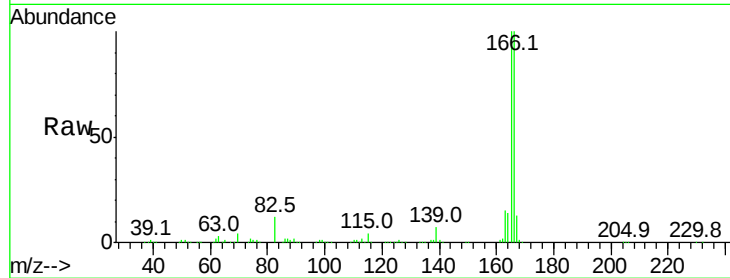
165 99.9 79.8 119.8

167 13.2 10.6 16.0

Manual Integrations
APPROVED

Sohil

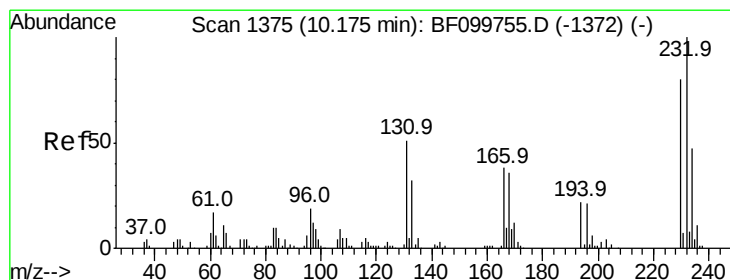
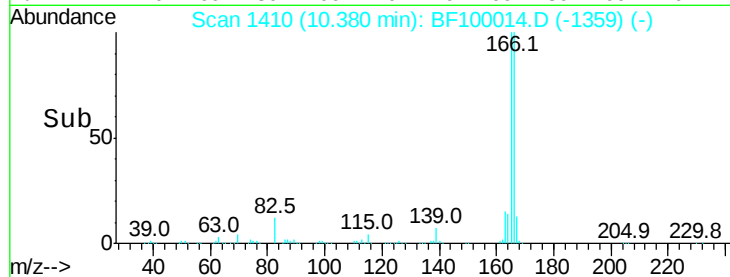
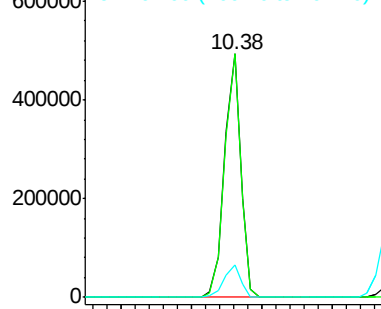
11/1/2017 2:37:49 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.523 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:232 Resp: 92363

Ion Ratio Lower Upper

232 100

131 45.3 43.8 65.8

130 1.9 2.1 3.1#

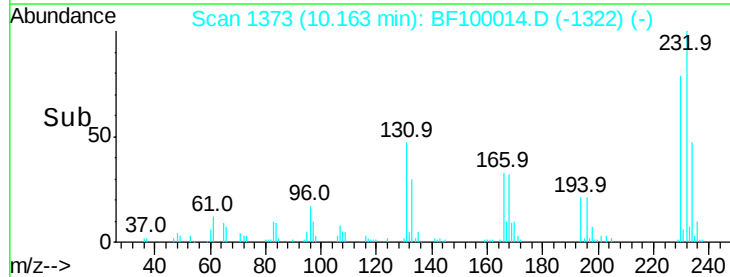
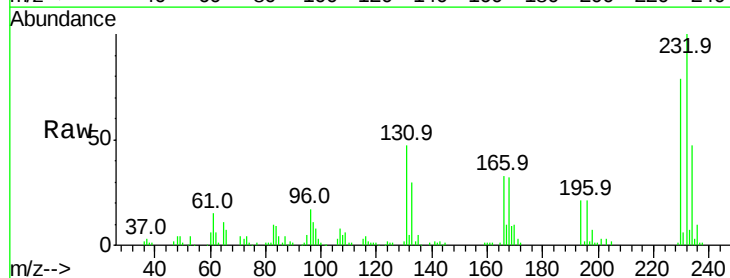
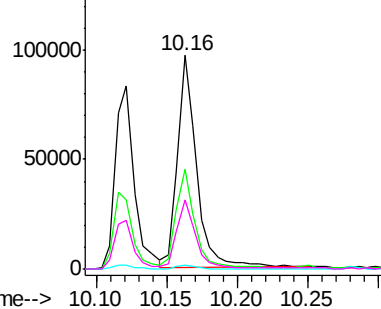
166 32.0 27.8 41.6

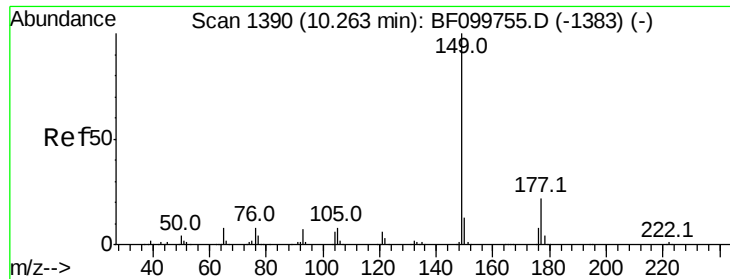
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





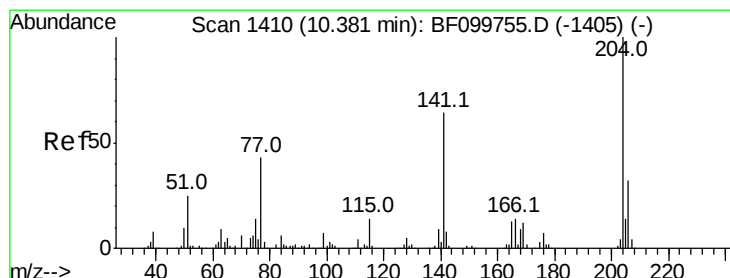
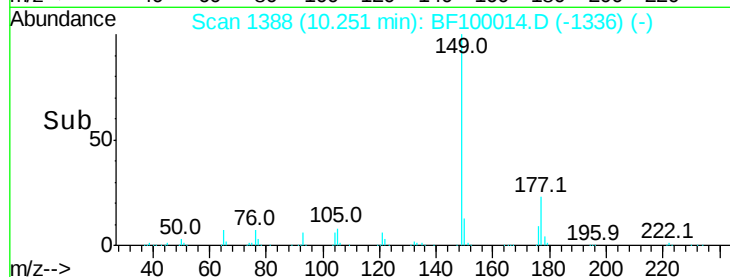
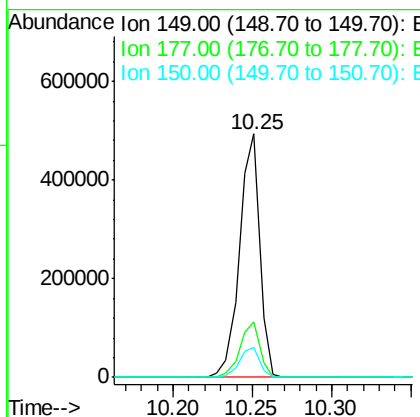
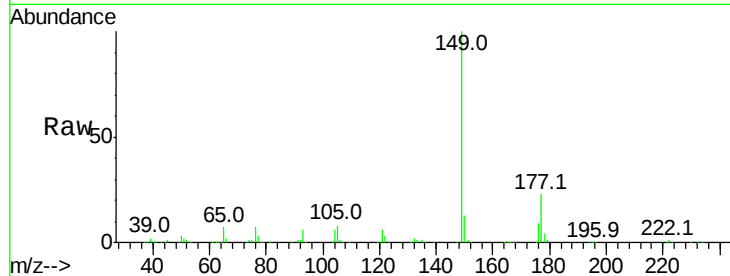
#59
Diethylphthalate
Concen: 37.697 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.1	24.1
150	12.5	10.1	15.1

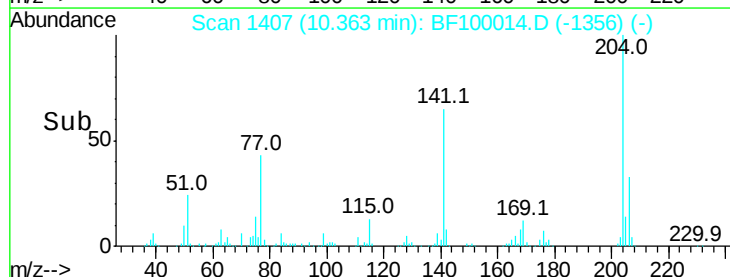
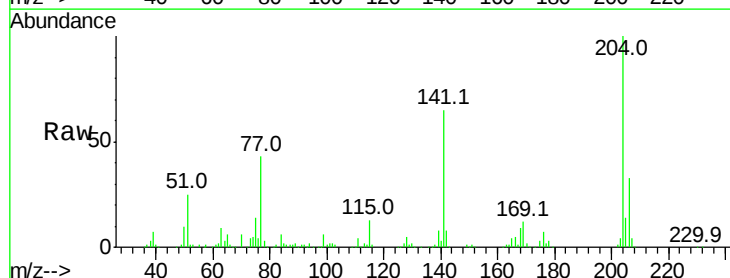
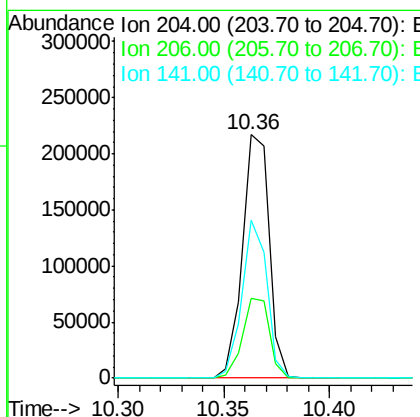
Manual Integrations
APPROVED

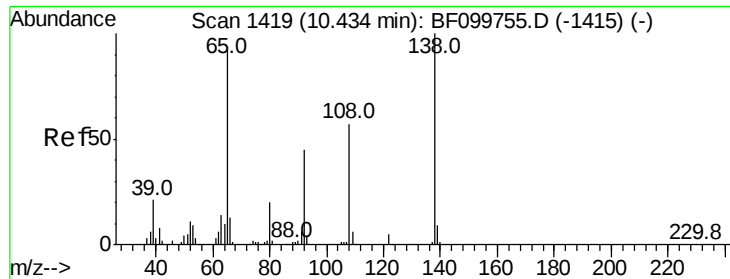
Sohil
11/1/2017 2:37:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.540 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	64.9	54.6	81.8





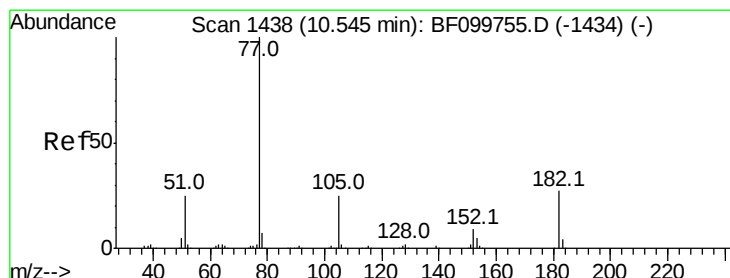
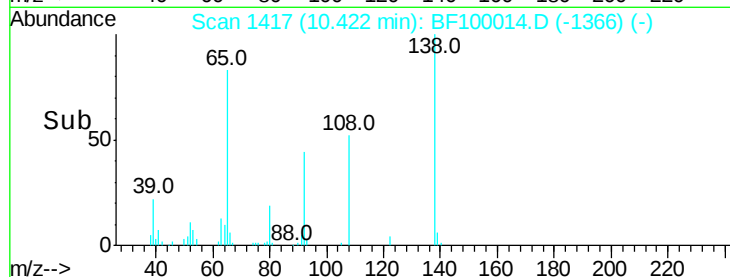
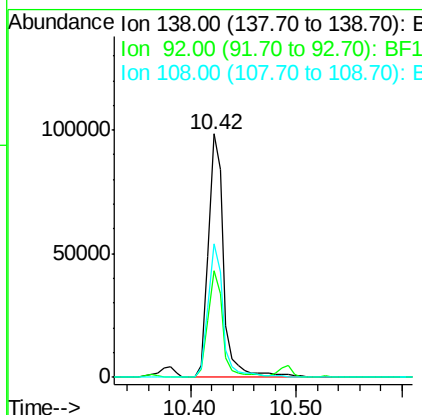
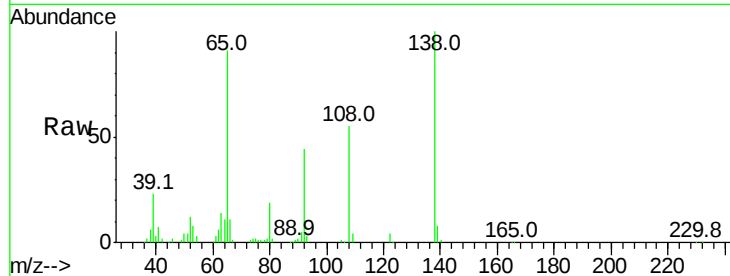
#61
4-Nitroaniline
Concen: 35.948 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.7	30.2	70.2
108	55.0	52.5	92.5

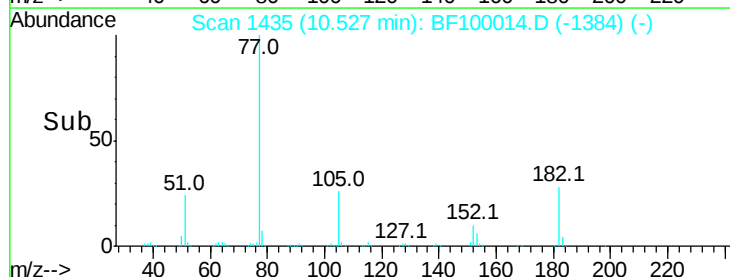
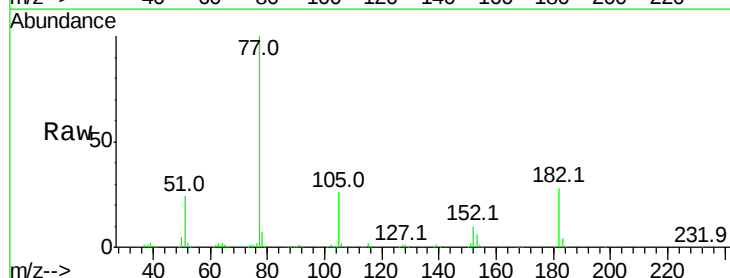
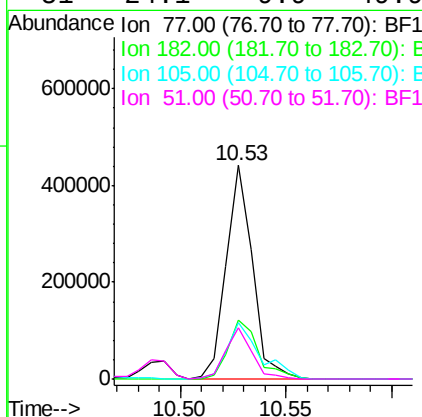
Manual Integrations
APPROVED

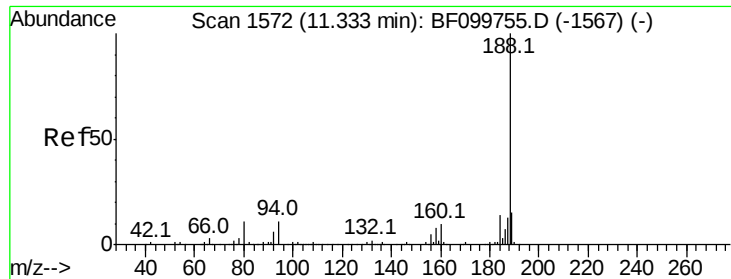
Sohil
11/1/2017 2:37:49 PM



#62
Azobenzene
Concen: 39.037 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	1.7	41.7
105	26.2	3.0	43.0
51	24.1	9.9	49.9





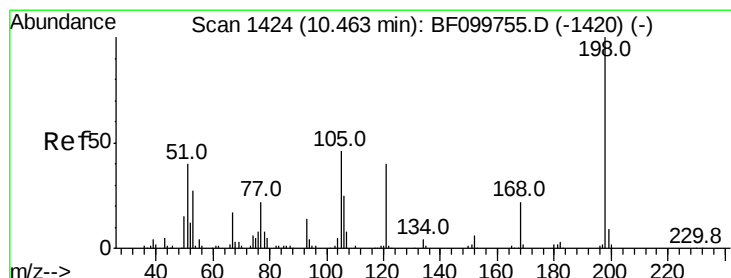
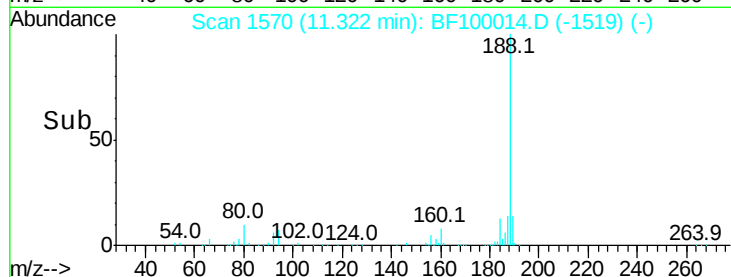
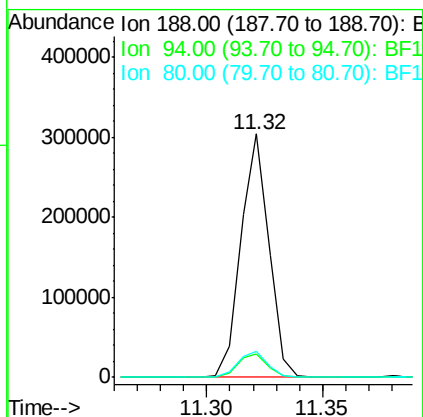
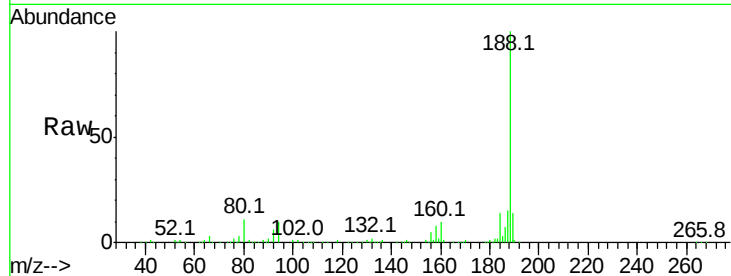
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	256579		
94	9.6		8.5	12.7
80	10.7		9.2	13.8

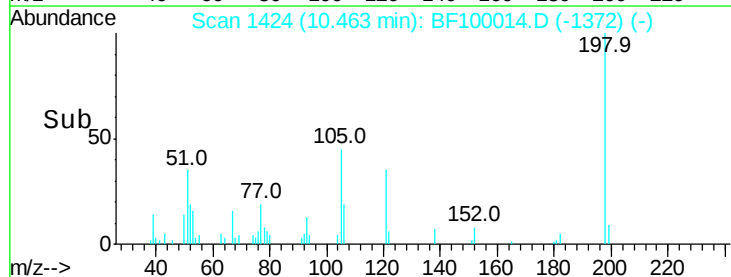
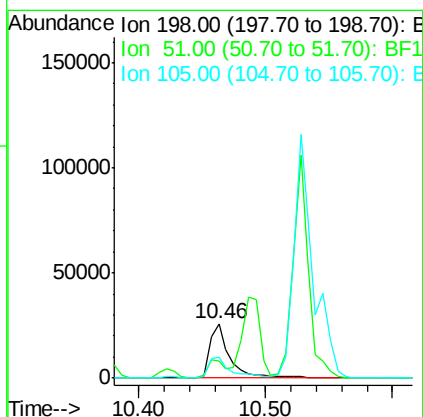
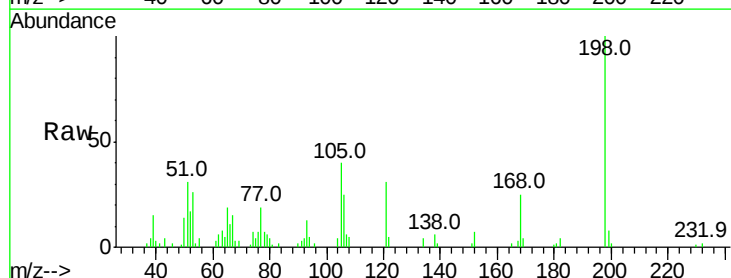
Manual Integrations
APPROVED

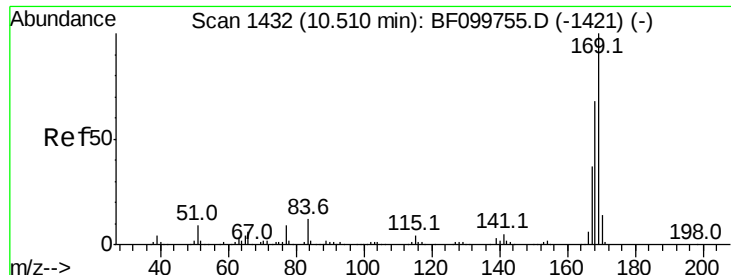
Sohil
11/1/2017 2:37:49 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 17.675 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	28508		
51	31.1		37.7	77.7#
105	39.5		36.3	76.3





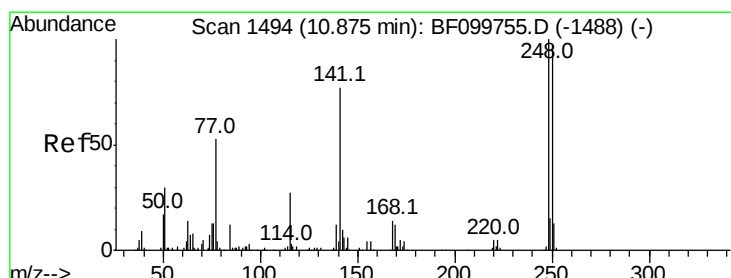
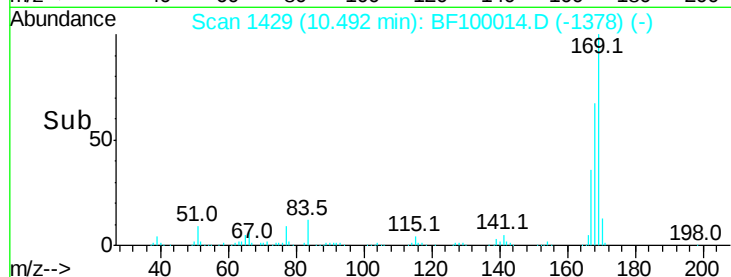
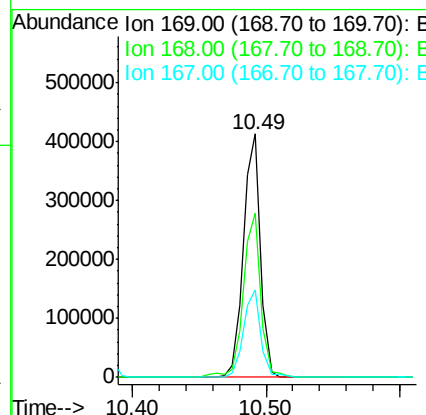
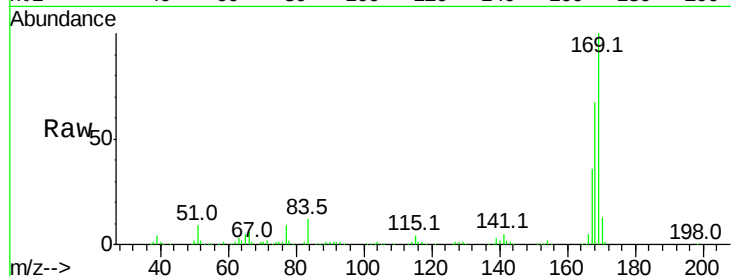
#65
n-Nitrosodiphenylamine
Concen: 38.748 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	367005		
168	67.3		54.4	81.6
167	35.8		29.8	44.6

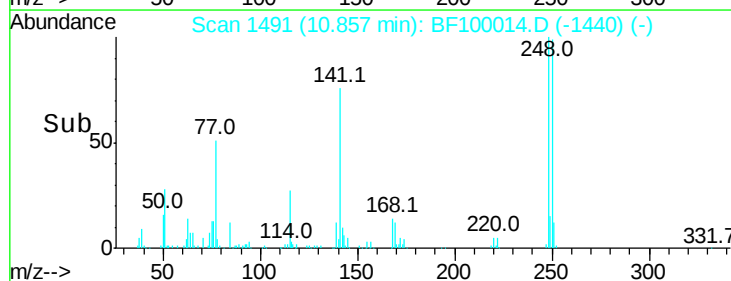
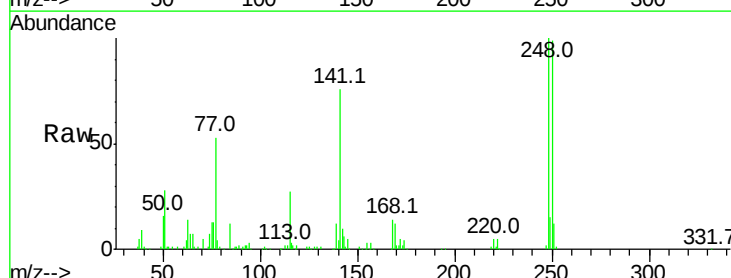
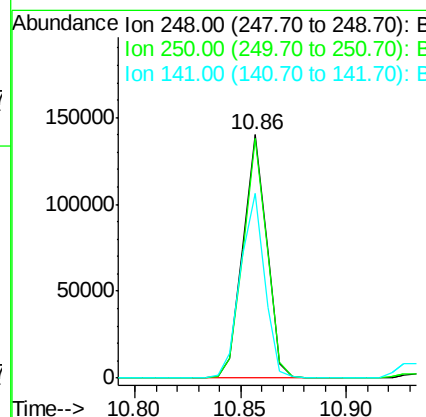
Manual Integrations
APPROVED

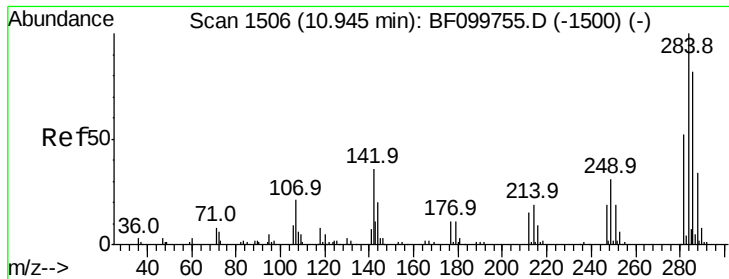
Sohil
11/1/2017 2:37:49 PM



#66
4-Bromophenyl-phenylether
Concen: 40.424 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	109192		
250	98.6		76.9	115.3
141	75.8		74.4	111.6





#67

Hexachlorobenzene

Concen: 38.985 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

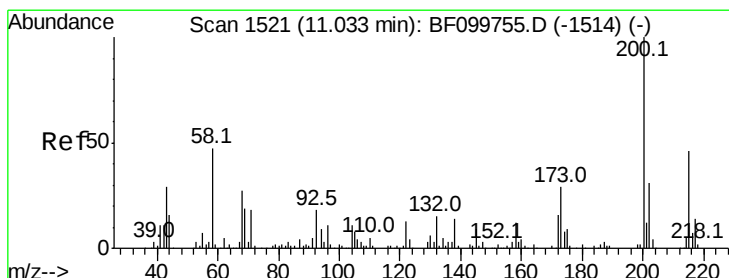
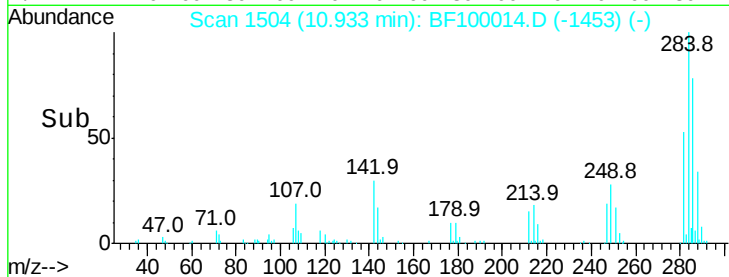
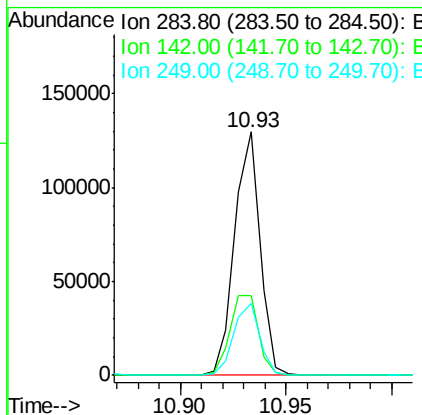
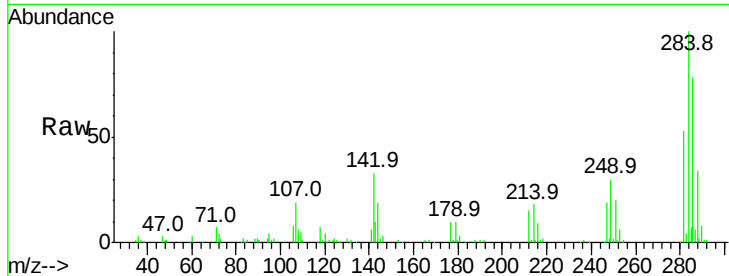
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:	284	Resp:	107733
Ion Ratio	Lower	Upper	
284	100		
142	33.0	34.6	52.0#
249	29.7	24.8	37.2

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#68

Atrazine

Concen: 40.780 ng

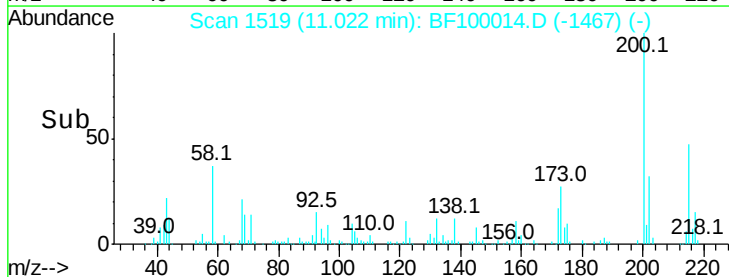
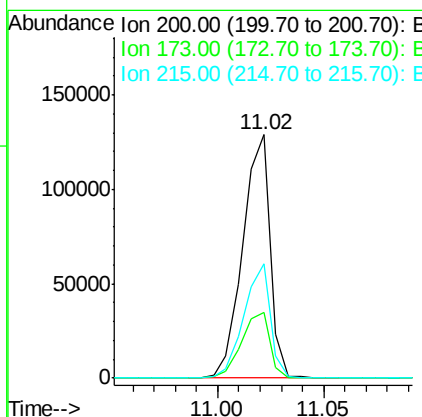
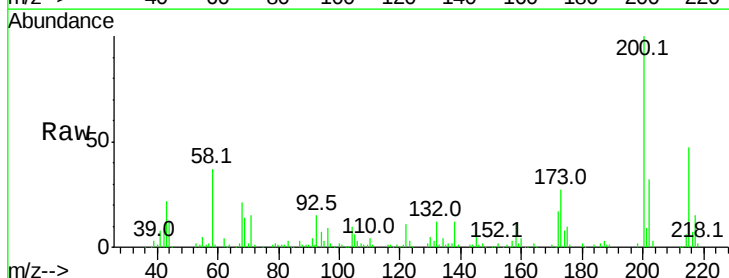
RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	200	Resp:	116022
Ion Ratio	Lower	Upper	
200	100		
173	27.2	8.6	48.6
215	46.7	25.1	65.1





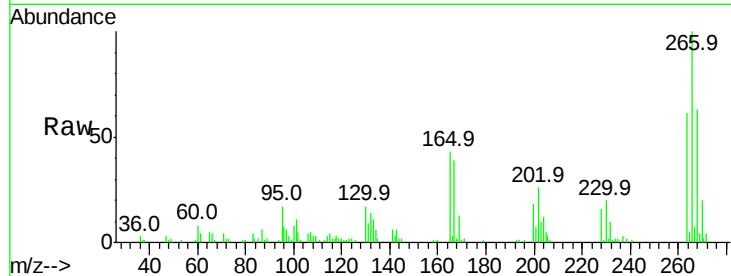
#69
 Pentachlorophenol
 Concen: 63.407 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

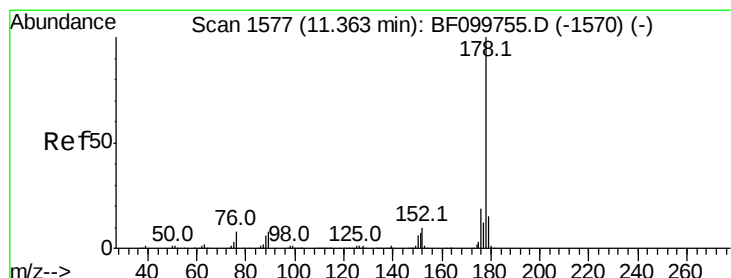
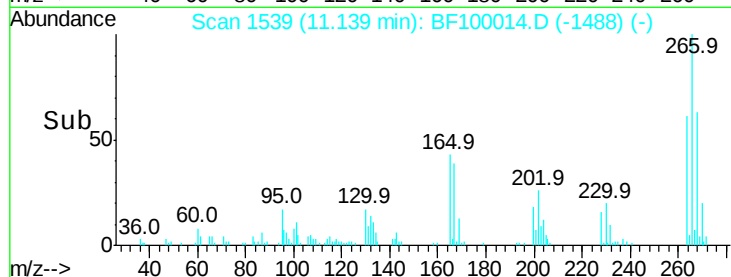
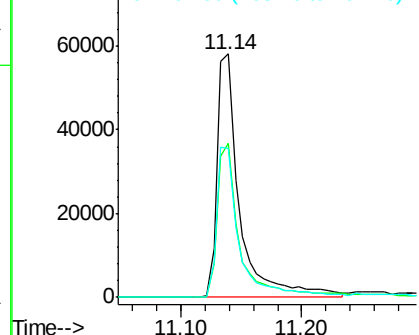
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	61.4	49.5	74.3

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:49 PM

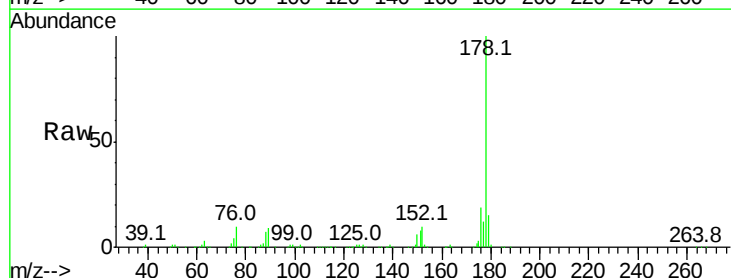


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

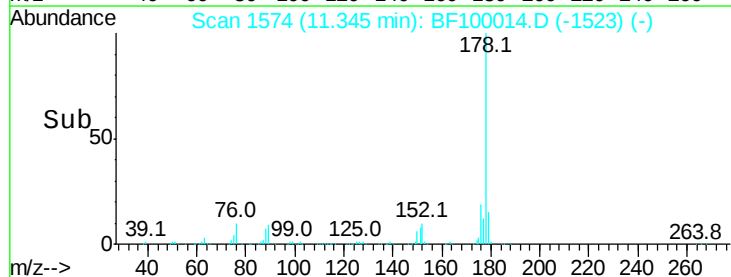
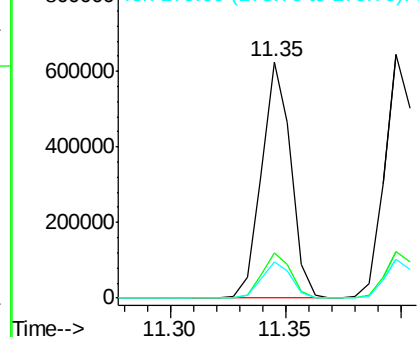


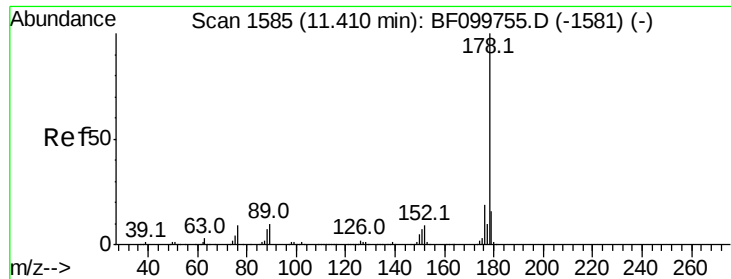
#70
 Phenanthrene
 Concen: 38.204 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.5	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





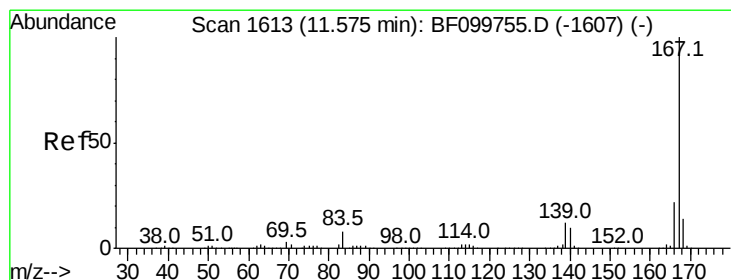
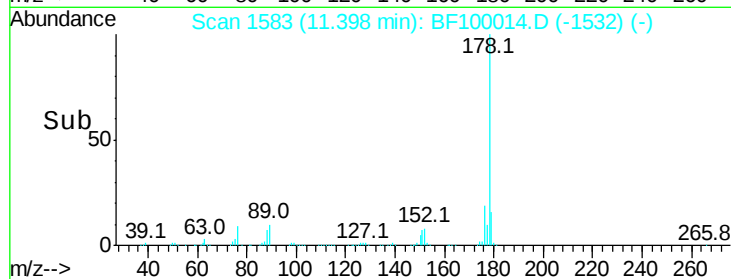
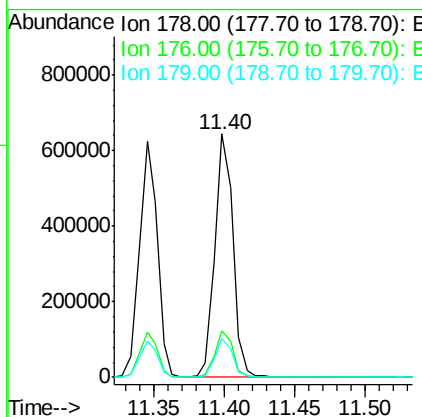
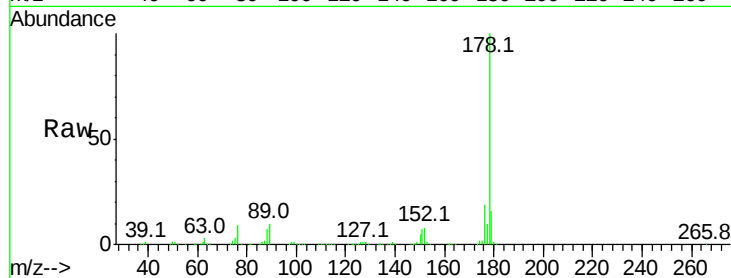
#71
 Anthracene
 Concen: 39.214 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.7	12.6	19.0

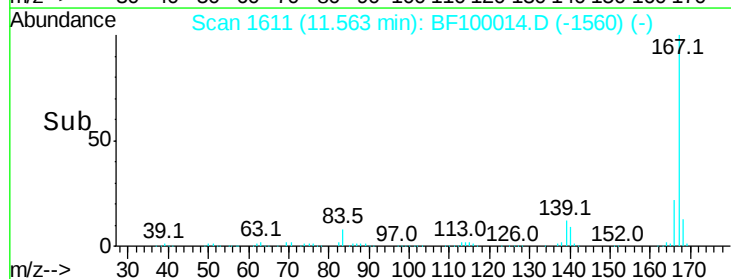
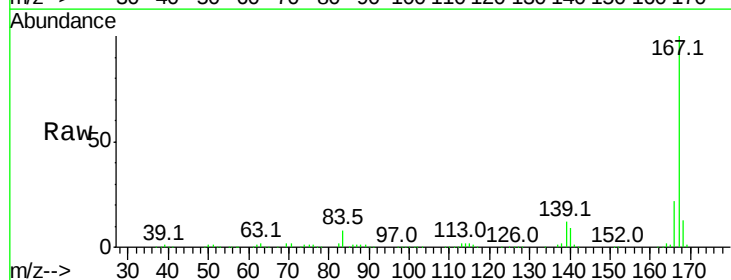
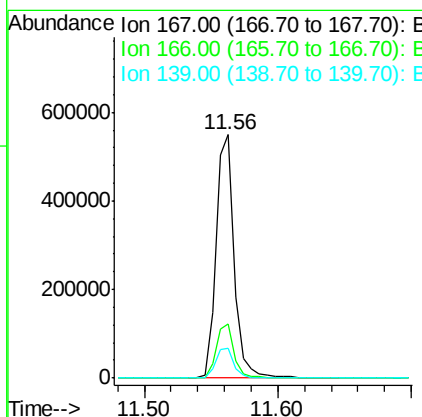
Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:49 PM



#72
 Carbazole
 Concen: 38.185 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.141 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

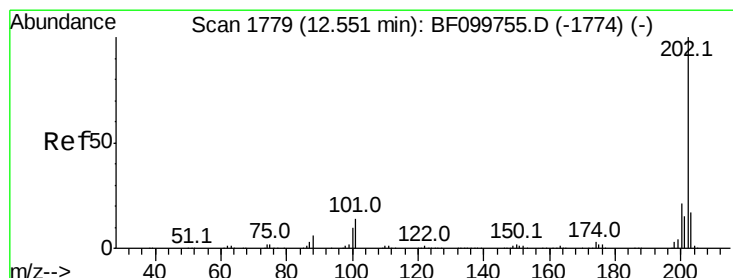
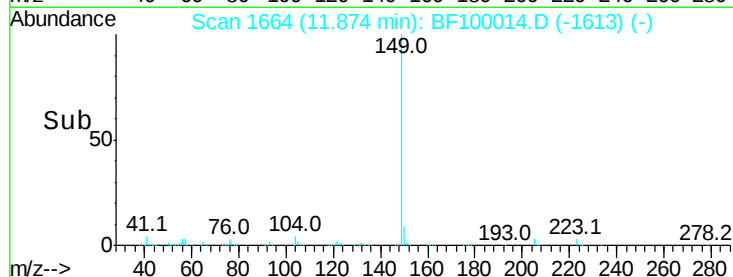
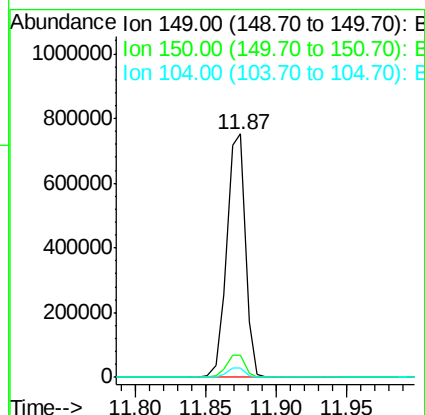
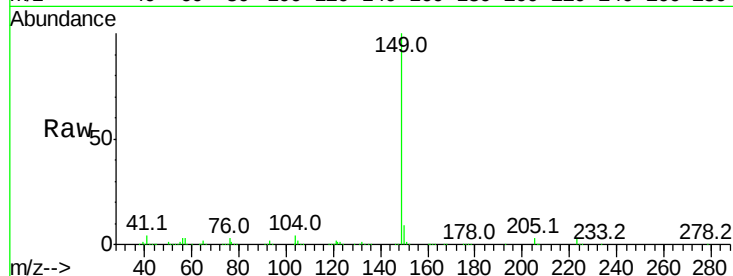
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:	149	Resp:	690033
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	3.7	3.8	5.8#

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#74

Fluoranthene

Concen: 34.655 ng

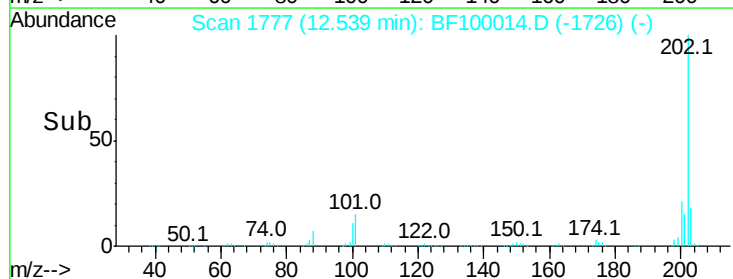
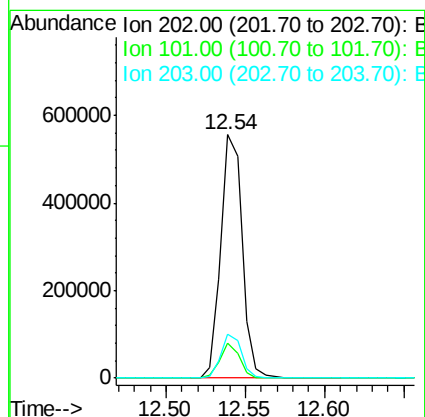
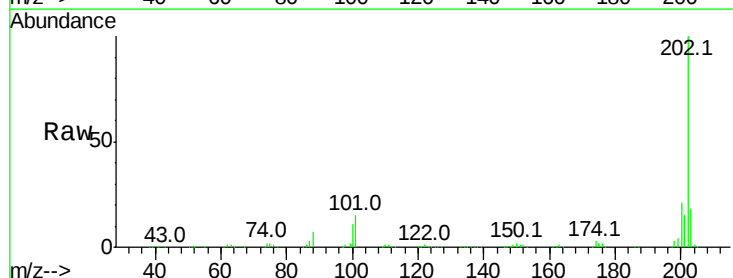
RT: 12.54 min Scan# 1777

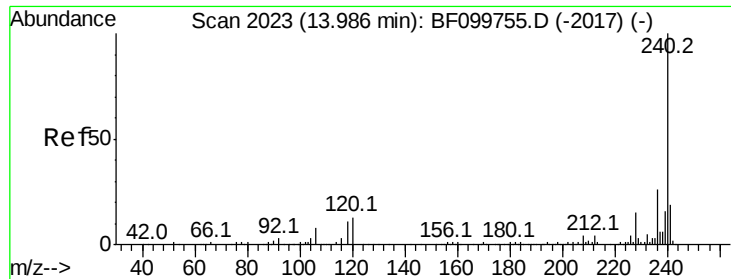
Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	202	Resp:	521492
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	34.1
203	17.9	0.0	38.1





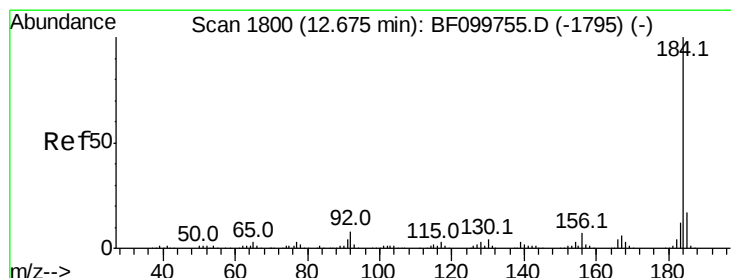
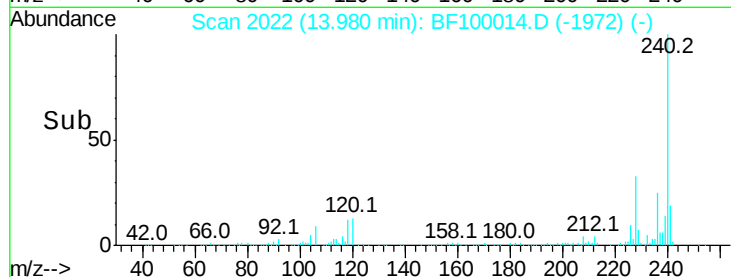
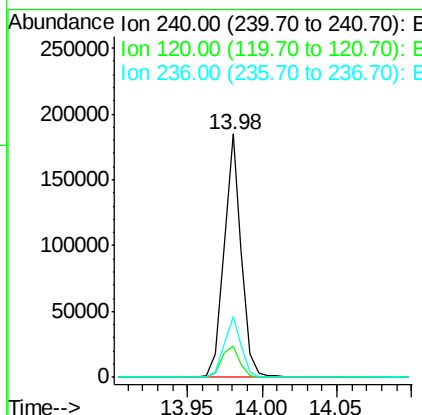
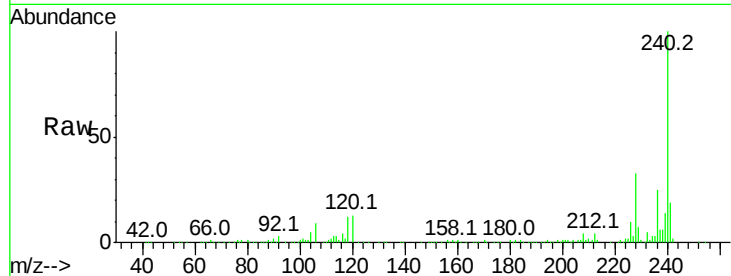
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.1	20.7	31.1

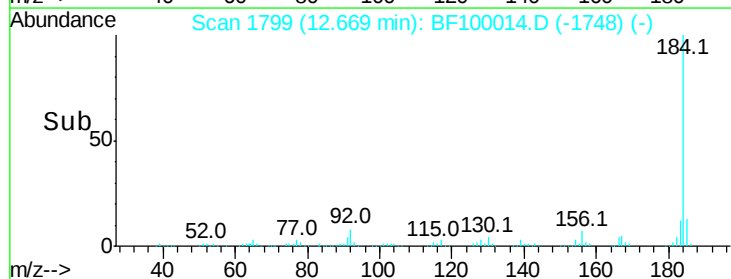
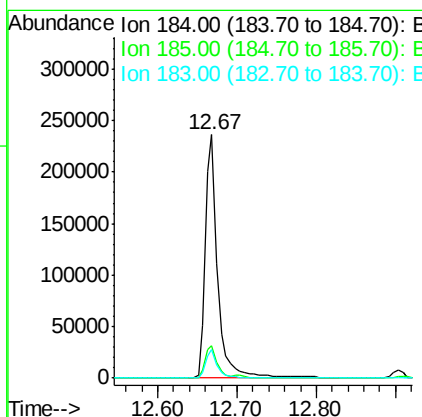
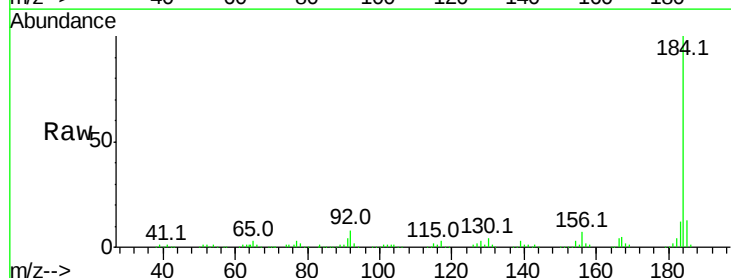
Manual Integrations
APPROVED

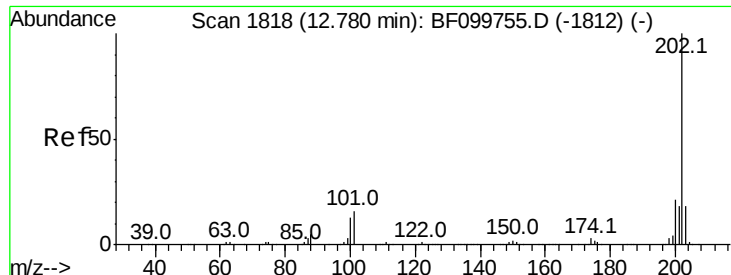
Sohil
11/1/2017 2:37:49 PM



#76
Benzidine
Concen: 39.651 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.6	18.8
183	11.9	9.3	13.9





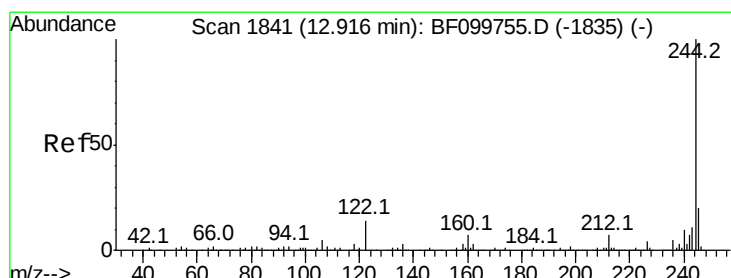
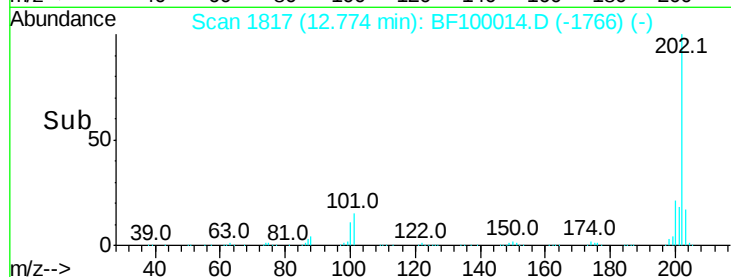
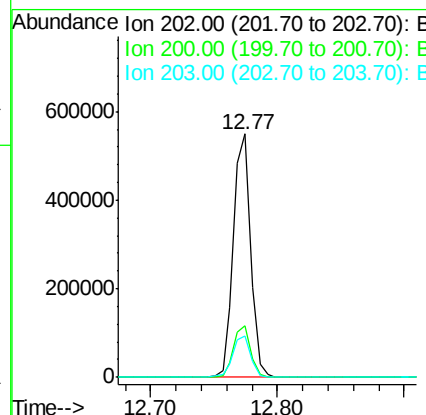
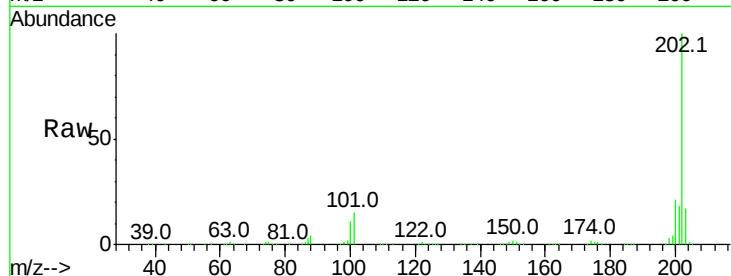
#77
Pvrene
Concen: 45.145 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	514573		
200	21.3		17.4	26.2
203	17.0		14.3	21.5

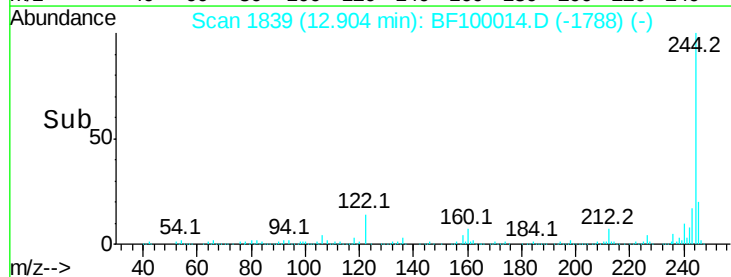
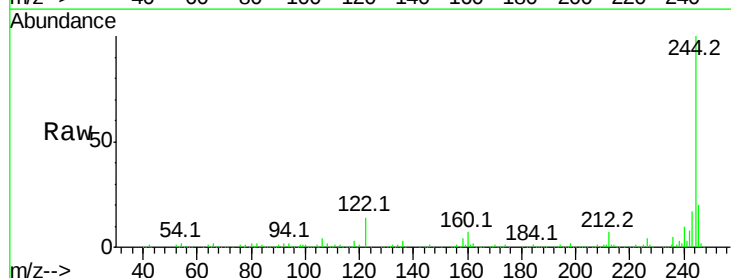
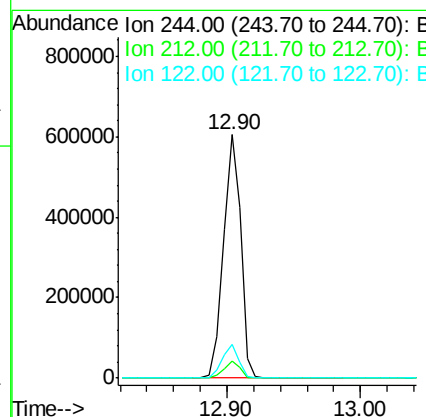
Manual Integrations
APPROVED

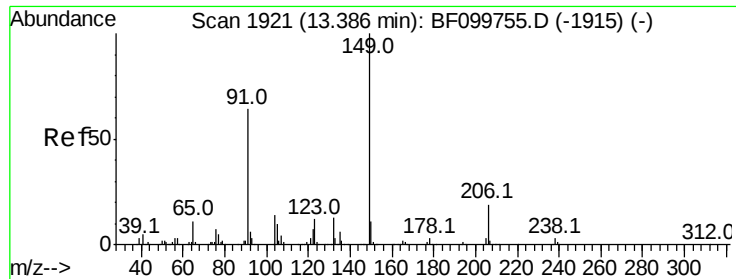
Sohil
11/1/2017 2:37:49 PM



#78
Terphenyl-d14
Concen: 80.700 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	553537		
212	6.9		5.4	8.0
122	13.9		11.0	16.4





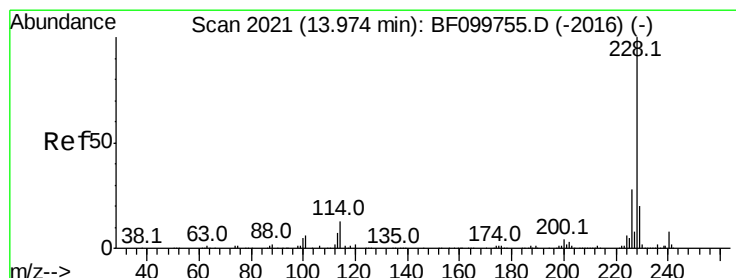
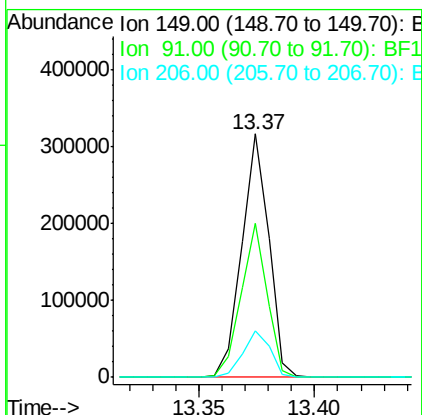
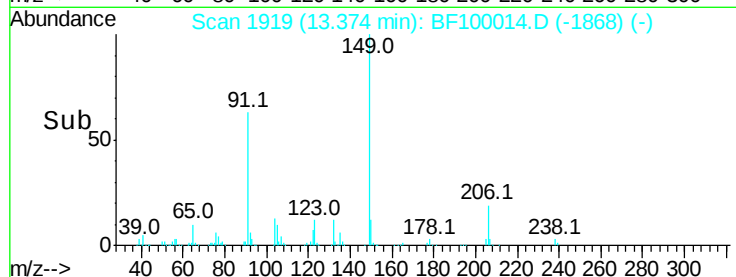
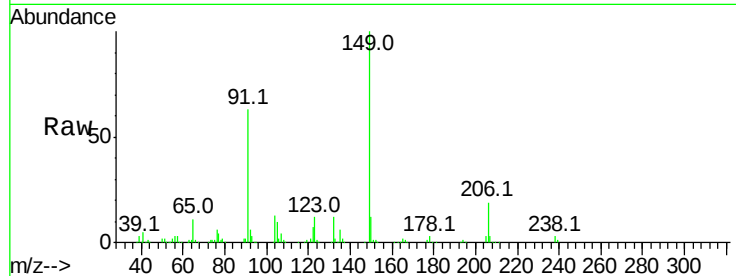
#79
Butylbenzylphthalate
Concen: 46.184 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	259220		
91	63.5	56.8	85.2	
206	19.0	14.1	21.1	

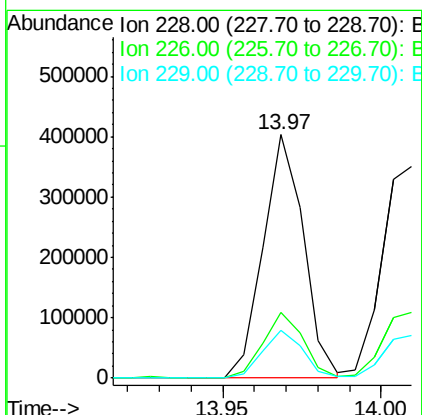
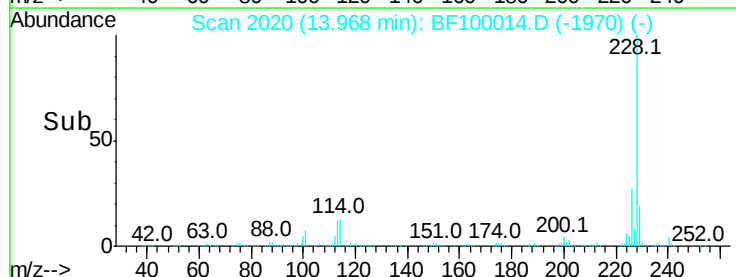
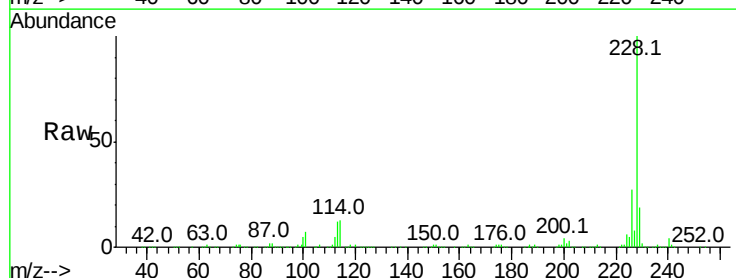
Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#80
Benzo(a)anthracene
Concen: 37.641 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	357681		
226	27.0	22.6	33.8	
229	19.4	15.8	23.6	





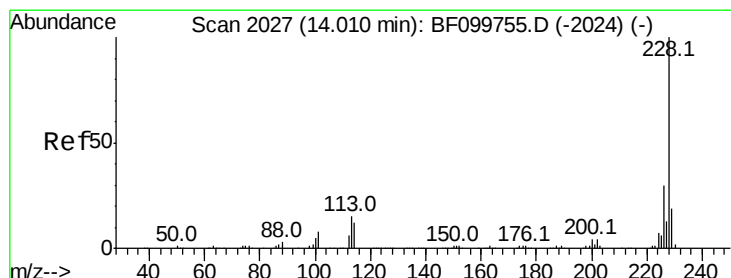
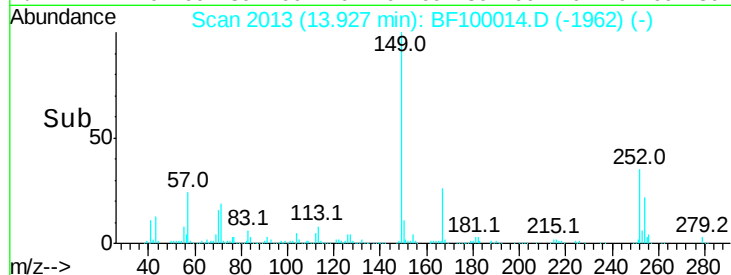
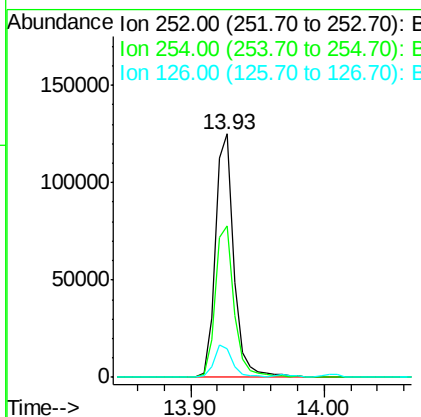
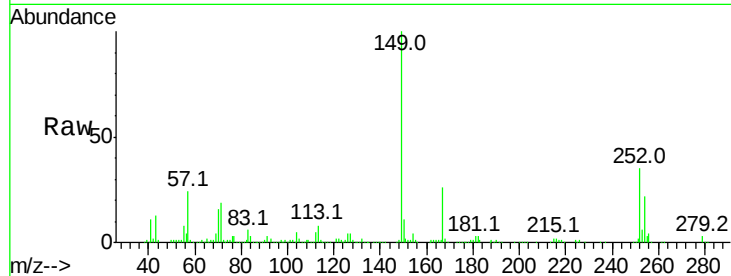
#81
 3,3'-Dichlorobenzidine
 Concen: 35.709 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.0	50.4	75.6
126	11.5	11.3	16.9

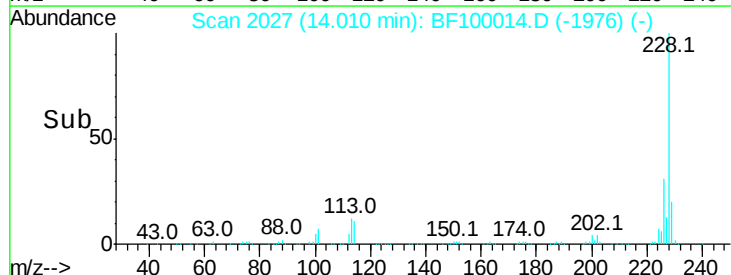
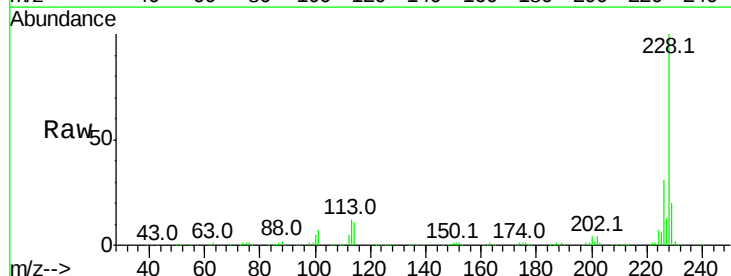
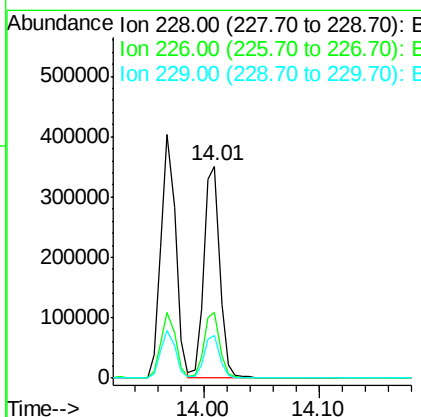
Manual Integrations
 APPROVED

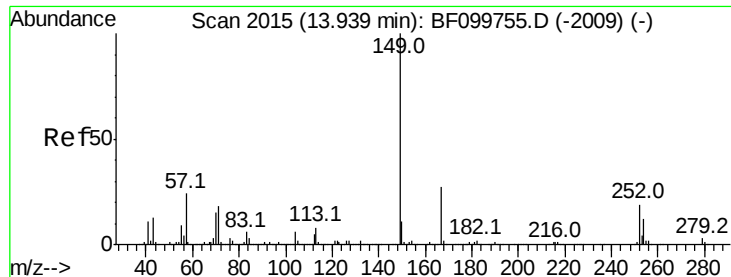
Sohil
 11/1/2017 2:37:49 PM



#82
 Chrysene
 Concen: 38.402 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.957 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

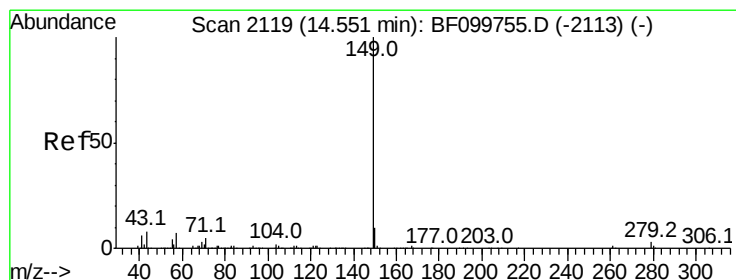
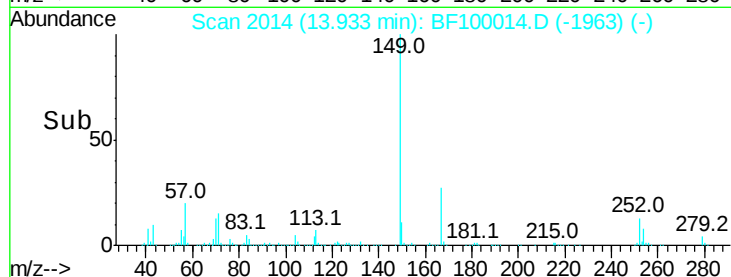
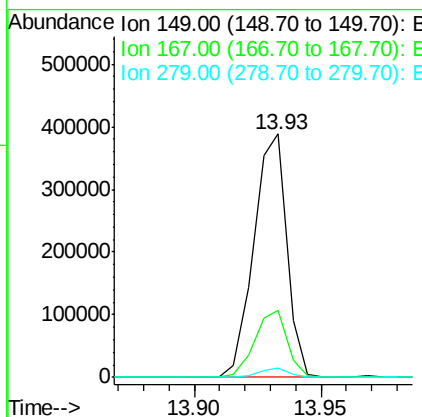
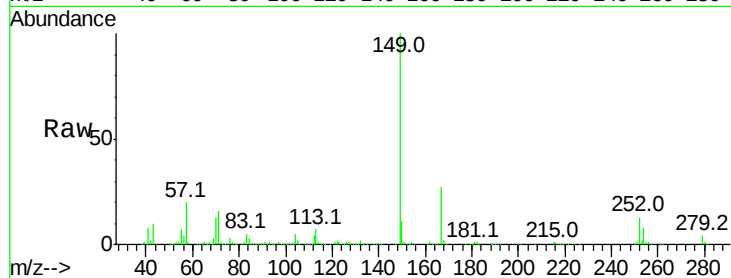
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:	149	Resp:	354355
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.3	31.9
279	3.6	3.0	4.4

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#84

Di-n-octyl phthalate

Concen: 40.066 ng

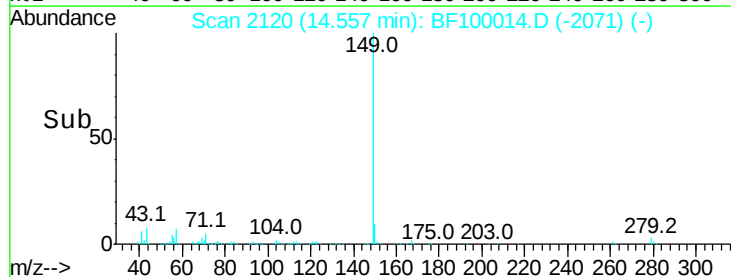
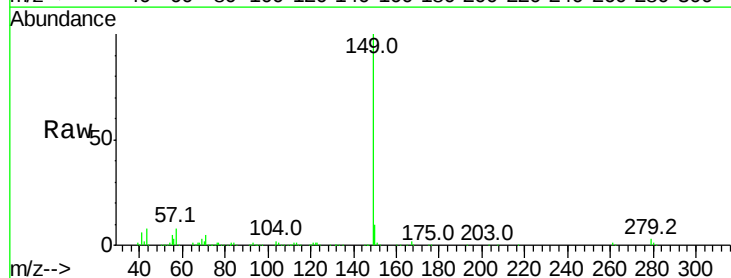
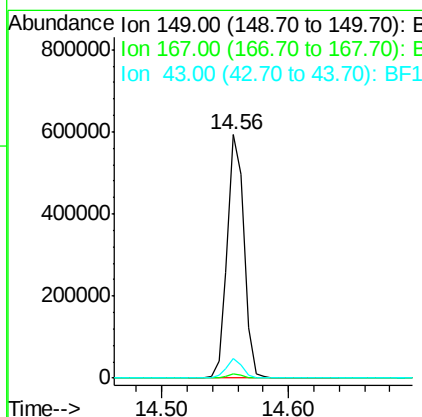
RT: 14.56 min Scan# 2120

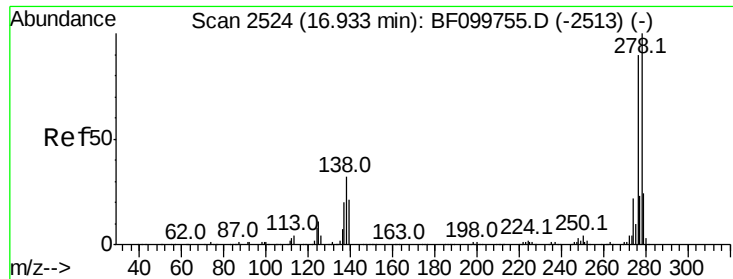
Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	149	Resp:	542038
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.6	8.4	12.6#





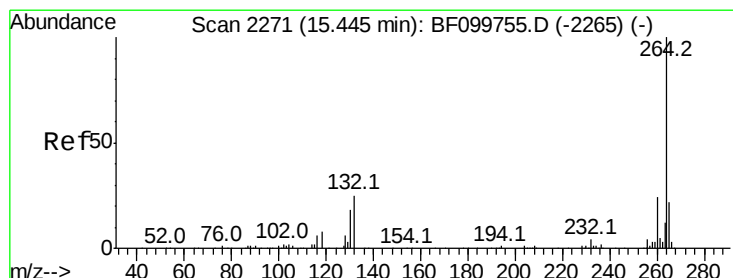
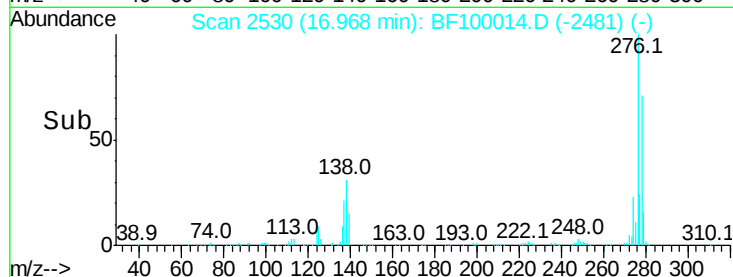
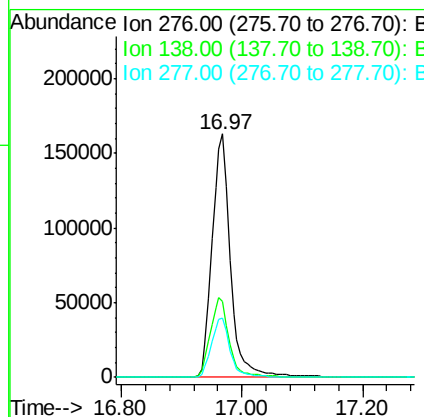
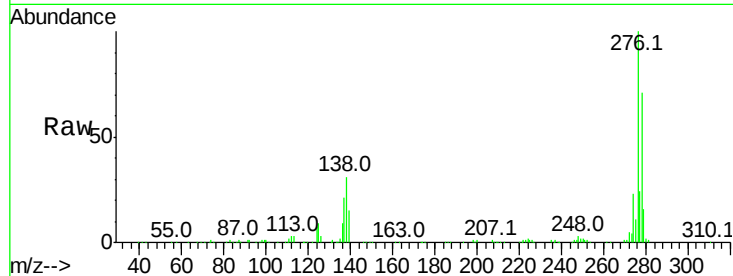
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.913 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	25.0	37.6
277	24.8	20.1	30.1

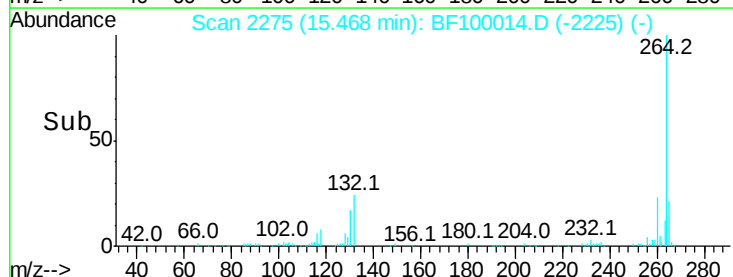
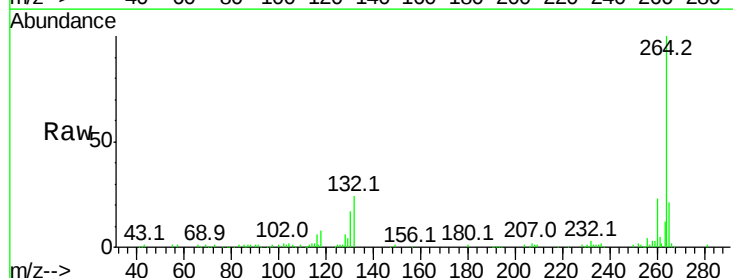
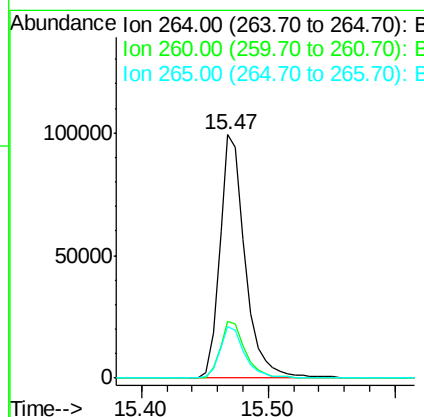
Manual Integrations
APPROVED

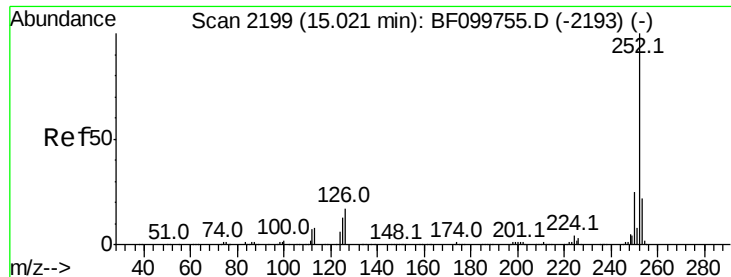
Sohil
11/1/2017 2:37:49 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 37.897 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Instrument :

BNA_F

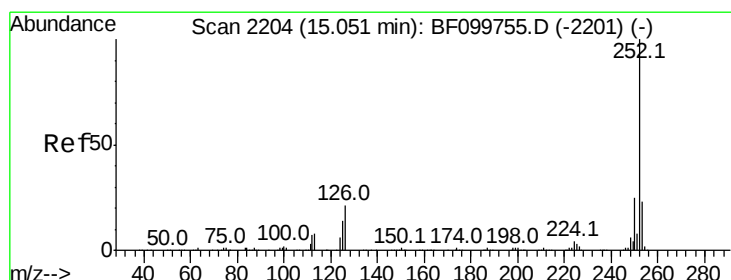
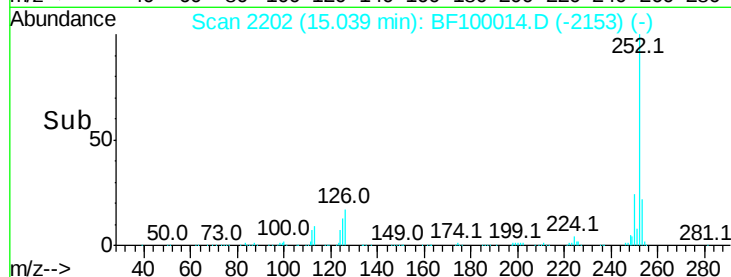
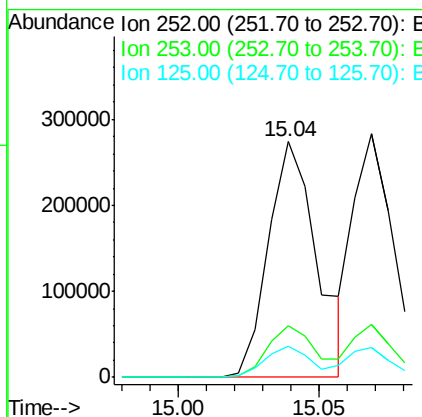
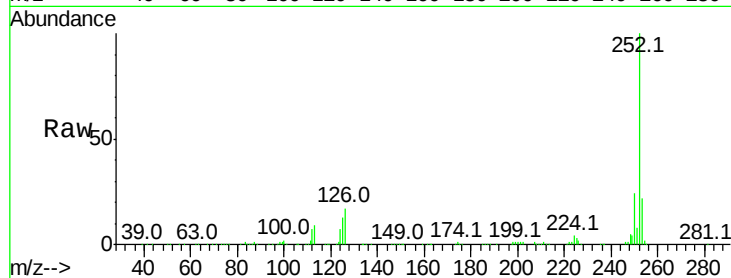
ClientSampleId :

EPE-120-3(20-22)MSD

Tot Ion:	252	Resp:	328649
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	13.4	9.0	13.6

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:49 PM



#88

Benzo(k)fluoranthene

Concen: 35.625 ng

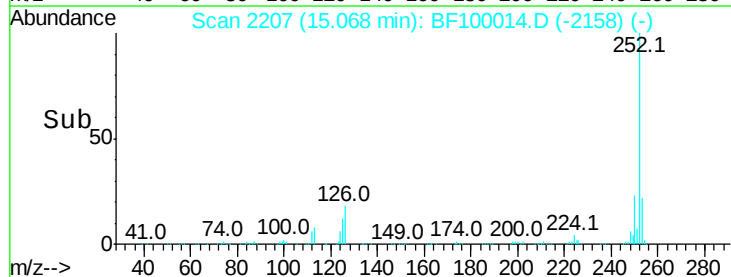
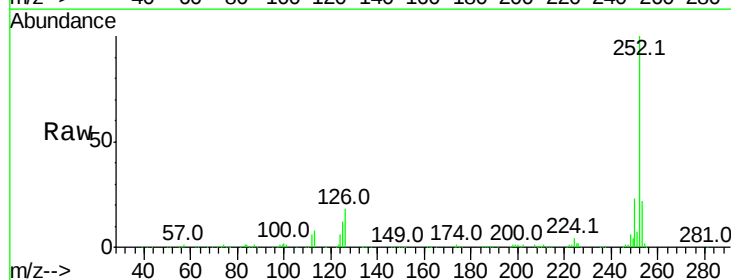
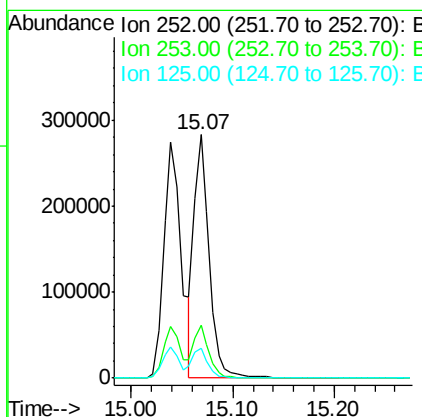
RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF100014.D

Acq: 31 Oct 2017 20:08

Tgt Ion:	252	Resp:	291328
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	12.5	10.2	15.2





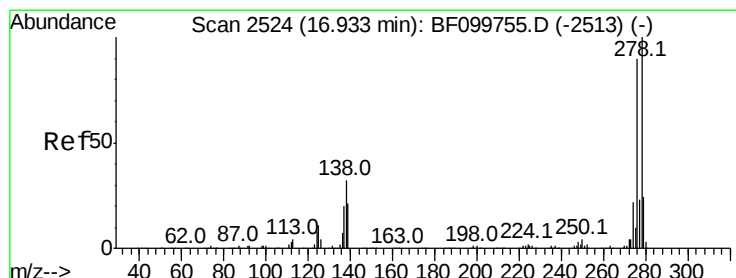
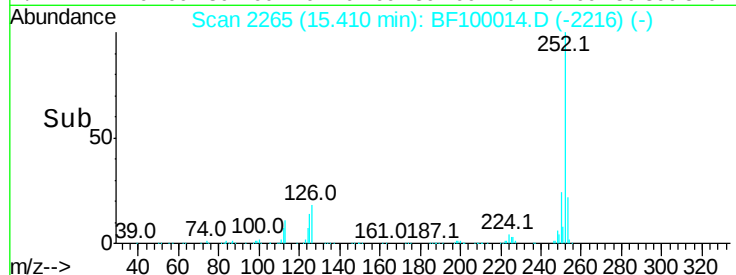
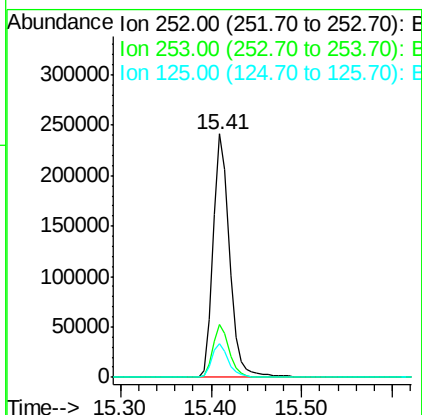
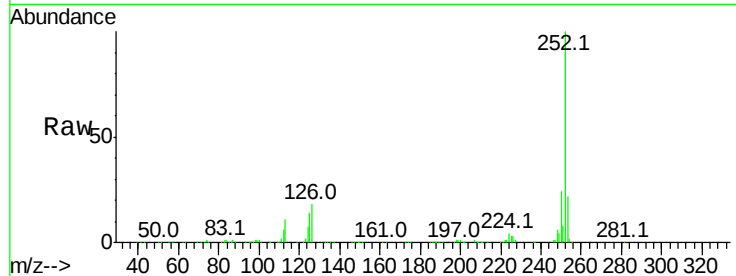
#89
Benzo(a)pyrene
Concen: 39.152 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.0	9.8	14.6

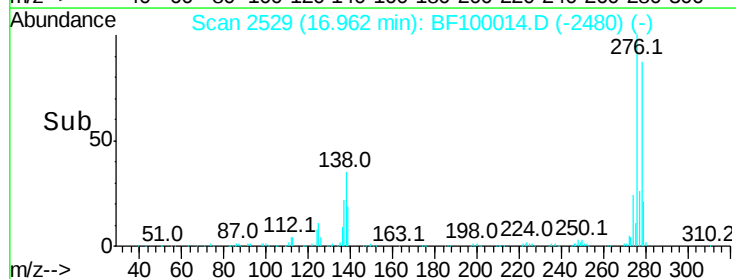
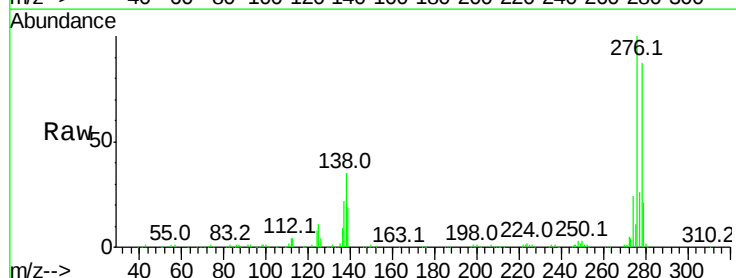
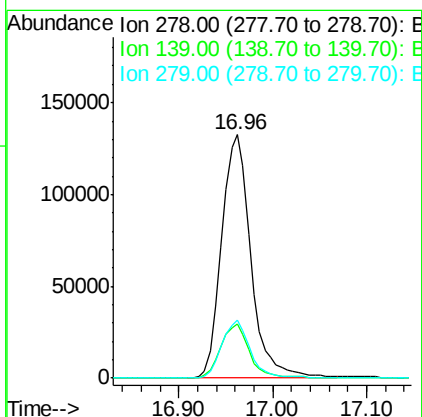
Manual Integrations
APPROVED

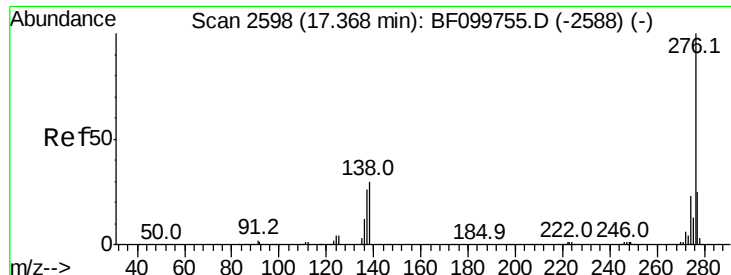
Sohil
11/1/2017 2:37:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.551 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF100014.D
Acq: 31 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	23.8	19.0	28.4





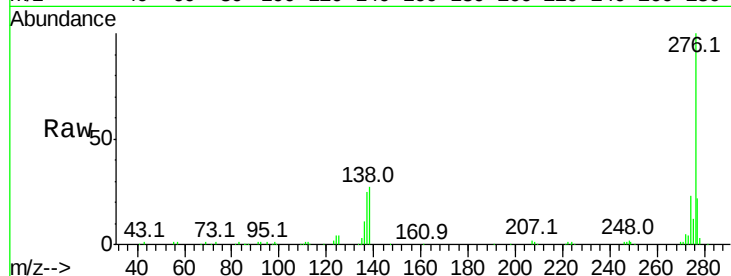
#91
 Benzo(a,h,i)perylene
 Concen: 42.344 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BF100014.D
 Acq: 31 Oct 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	27.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:49 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

