

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085979.D
 Acq On : 1 Apr 2016 23:41
 Operator : UM/SJ
 Sample : H1824-03
 Misc : LOD 1PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:38:47 PM

Quant Time: Apr 02 01:26:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106199	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	416393	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	187970	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	389206	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	343299	20.00	ng	0.00
86) Perylene-d12	15.33	264	295413	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	745296	119.96	ng	0.00
7) Phenol-d6	6.42	99	980583	124.26	ng	0.00
23) Nitrobenzene-d5	7.34	82	598002	84.69	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	279945	158.67	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1057347	93.53	ng	0.00
78) Terphenyl-d14	12.88	244	1088733	74.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	1318	0.45	ng	# 61
6) Aniline	6.45	93	5438	0.53	ng	# 88
8) 2-Chlorophenol	6.56	128	6080	0.82	ng	88
9) Benzaldehyde	6.37	77	3640	0.86	ng	95
10) Phenol	6.43	94	6730	0.75	ng	# 72
11) bis(2-Chloroethyl)ether	6.52	93	5947	0.83	ng	98
12) 1,3-Dichlorobenzene	6.73	146	6062	0.77	ng	# 92
13) 1,4-Dichlorobenzene	6.80	146	6567	0.81	ng	95
14) 1,2-Dichlorobenzene	6.94	146	5961	0.80	ng	98
15) Benzyl Alcohol	6.92	79	8917	1.75	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	7.06	45	6647	0.76	ng	# 42
17) 2-Methylphenol	7.05	107	5016	0.86	ng	# 82
18) Hexachloroethane	7.28	117	2022	0.68	ng	# 75
19) n-Nitroso-di-n-propylamine	7.18	70	3599	0.74	ng	# 76
20) 3+4-Methylphenols	7.24	107	5173	0.73	ng	# 67
22) Acetophenone	7.21	105	7856	0.80	ng	# 89
24) Nitrobenzene	7.36	77	8015	1.04	ng	98
25) Isophorone	7.61	82	10489m	0.75	ng	
26) 2-Nitrophenol	7.71	139	1682	0.46	ng	# 77
27) 2,4-Dimethylphenol	7.74	122	4216	0.64	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	6084	0.74	ng	93
29) 2,4-Dichlorophenol	7.96	162	3338	0.59	ng	93
30) 1,2,4-Trichlorobenzene	8.01	180	4815	0.76	ng	98
31) Naphthalene	8.08	128	17499	0.84	ng	99
33) 4-Chloroaniline	8.18	127	4989m	0.59	ng	
34) Hexachlorobutadiene	8.20	225	2267	0.67	ng	96
35) Caprolactam	8.50	113	546	0.31	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	3945	0.63	ng	# 89
37) 2-Methylnaphthalene	8.77	142	11221	0.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	4521	0.80	ng	# 93
42) 2,4,6-Trichlorophenol	9.07	196	1745	0.48	ng	# 82
43) 2,4,5-Trichlorophenol	9.15	196	2041m	0.55	ng	
45) 1,1'-Biphenyl	9.24	154	14032	0.87	ng	94
46) 2-Chloronaphthalene	9.26	162	10286	0.88	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	9.39	65	2020	0.59	nq	95
48) Acenaphthylene	9.68	152	15755	0.84	nq	98
49) Dimethylphthalate	9.54	163	10929	0.78	nq	100
50) 2,6-Dinitrotoluene	9.61	165	1418	0.48	nq	89
51) Acenaphthene	9.84	154	10869	0.97	nq	97
52) 3-Nitroaniline	9.80	138	1603	0.45	nq	# 1
54) Dibenzofuran	10.02	168	15132	1.02	nq	96
56) 2,4-Dinitrotoluene	10.03	165	1660	0.45	nq	# 33
57) Fluorene	10.36	166	11333	0.90	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	1559	0.57	nq	# 90
59) Diethylphthalate	10.24	149	11200	0.80	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	5605	0.95	nq	98
61) 4-Nitroaniline	10.41	138	1046	0.30	nq	# 68
62) Azobenzene	10.51	77	11394	0.85	nq	97
65) n-Nitrosodiphenylamine	10.48	169	9361	0.77	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	2804	0.71	nq	90
67) Hexachlorobenzene	10.91	284	3091	0.75	nq	94
68) Atrazine	11.00	200	2526	0.64	nq	90
70) Phenanthrene	11.32	178	18324	0.86	nq	100
71) Anthracene	11.38	178	17841	0.80	nq	100
72) Carbazole	11.54	167	14698	0.77	nq	99
73) Di-n-butylphthalate	11.86	149	15669	0.66	nq	96
74) Fluoranthene	12.51	202	16309	0.74	nq	91
77) Pyrene	12.74	202	17557	0.73	nq	99
79) Butylbenzylphthalate	13.35	149	5230	0.48	nq	# 74
80) Benzo(a)anthracene	13.92	228	16934	0.84	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	2288	0.15	nq	# 90
82) Chrysene	13.95	228	14680	0.75	nq	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	7295	0.50	nq	# 99
84) Di-n-octyl phthalate	14.51	149	10272	0.44	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.71	276	10324	0.65	nq	96
87) Benzo(b)fluoranthene	14.95	252	13142	0.71	nq	# 95
88) Benzo(k)fluoranthene	14.97	252	12776m	0.78	nq	
89) Benzo(a)pyrene	15.28	252	11239	0.68	nq	# 97
90) Dibenzo(a,h)anthracene	16.71	278	8473	0.64	nq	97
91) Benzo(a,h,i)perylene	17.12	276	8597	0.67	nq	# 92

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

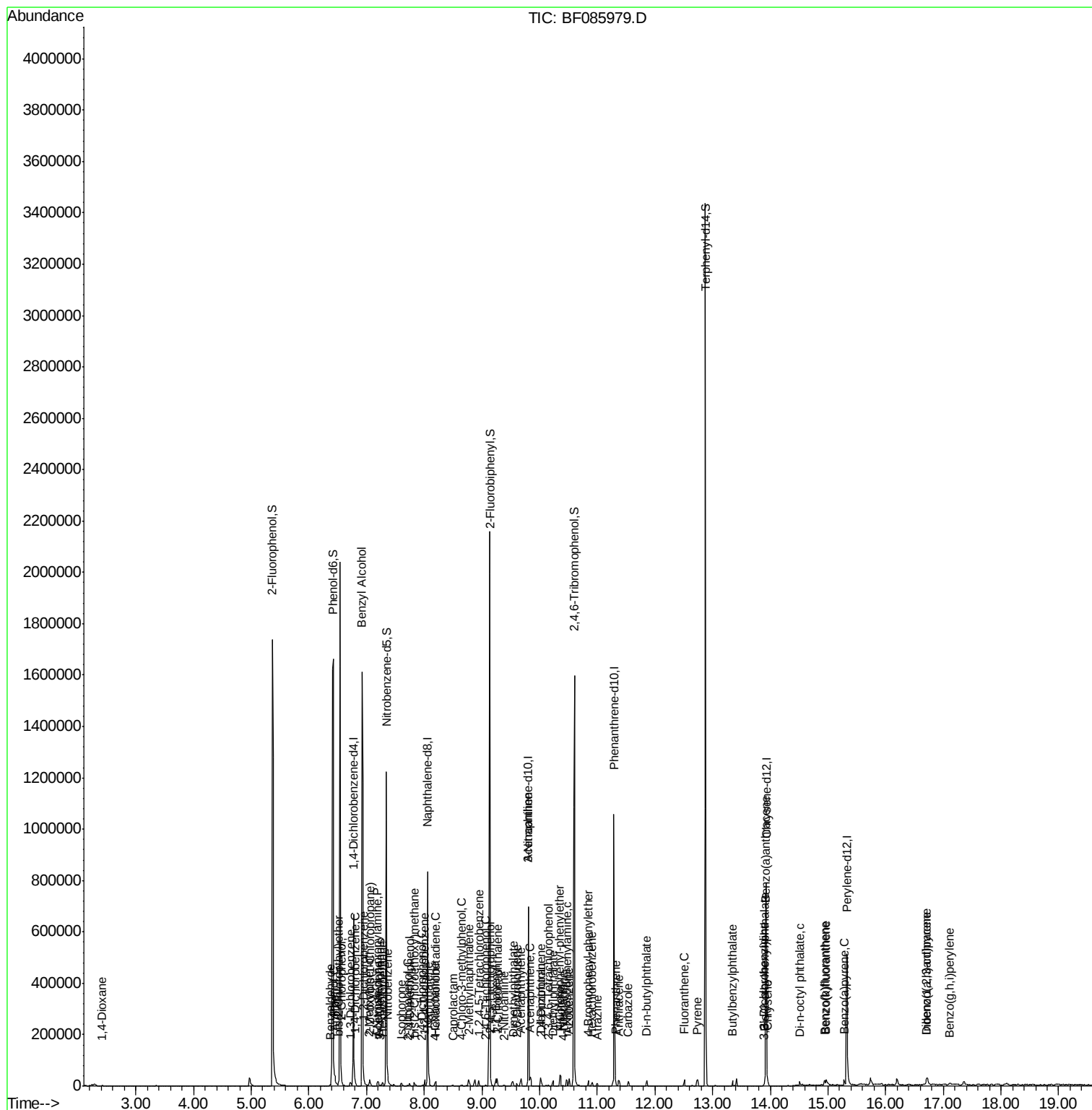
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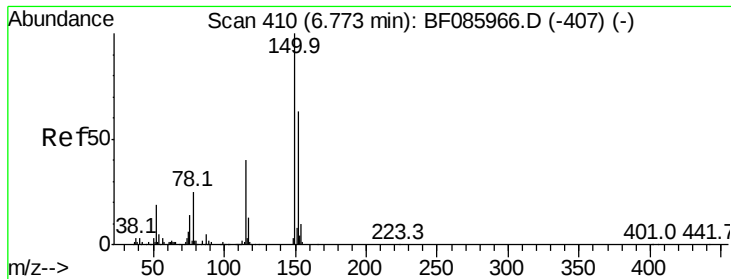
Instrument :
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#1

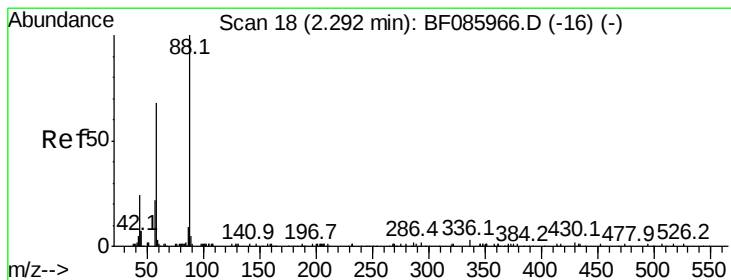
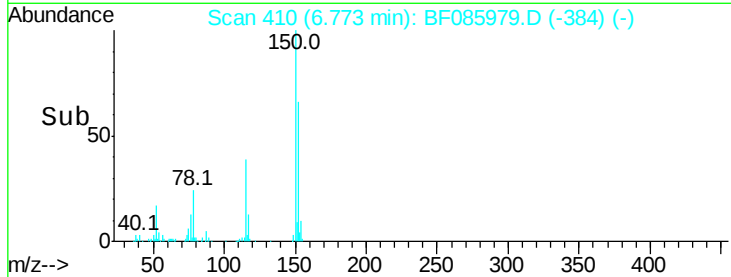
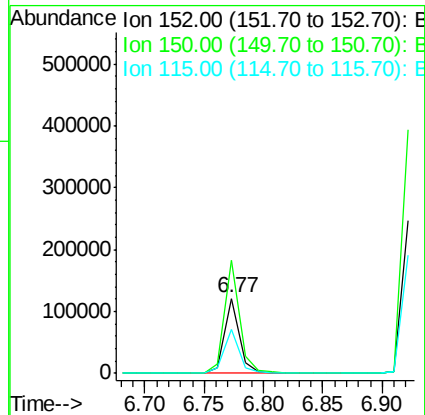
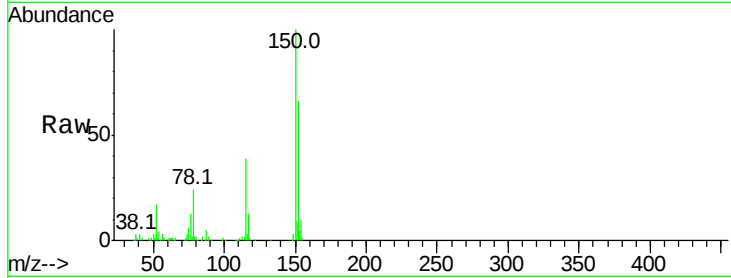
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.2	186.2
115	59.5	47.0	70.6

Manual Integrations
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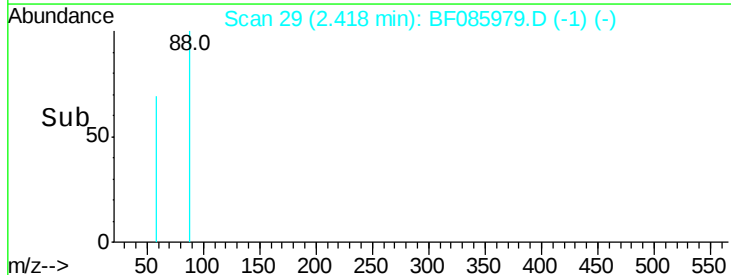
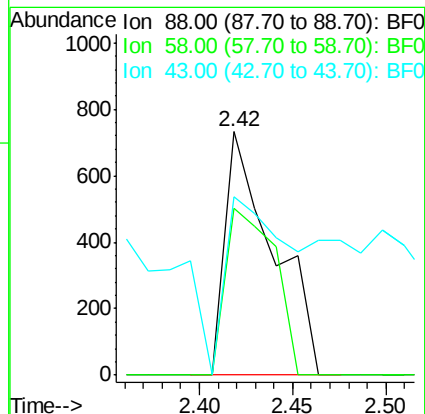
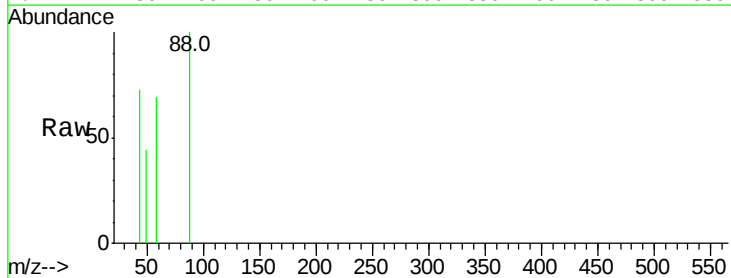
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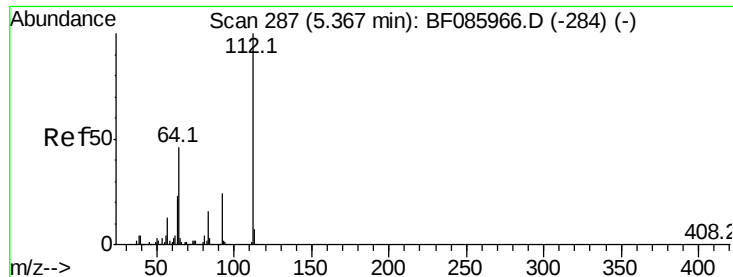


#2

1,4-Dioxane
Concen: 0.45 ng
RT: 2.42 min Scan# 29
Delta R.T. 0.13 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	54.2	81.2
43	94.2	19.3	28.9





#5

2-Fluorophenol

Concen: 119.96 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

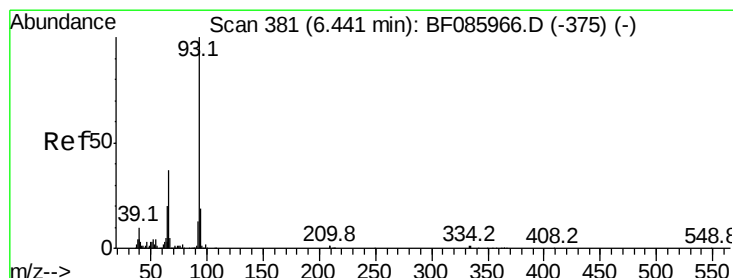
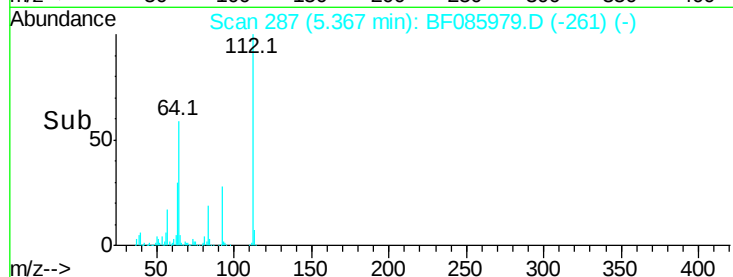
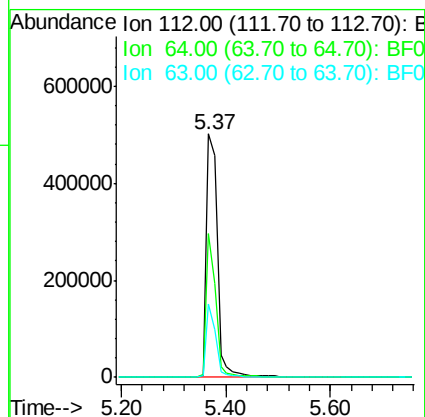
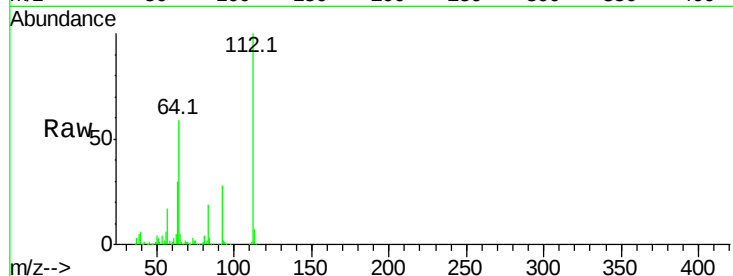
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	112	Resp:	745296
Ion Ratio	Lower	Upper	
112	100		
64	59.2	39.9	59.9
63	30.3	20.2	30.2#

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#6

Aniline

Concen: 0.53 ng

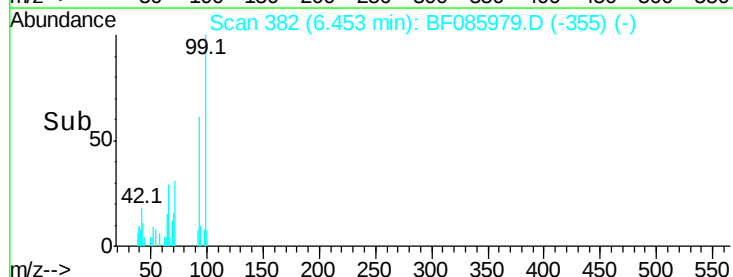
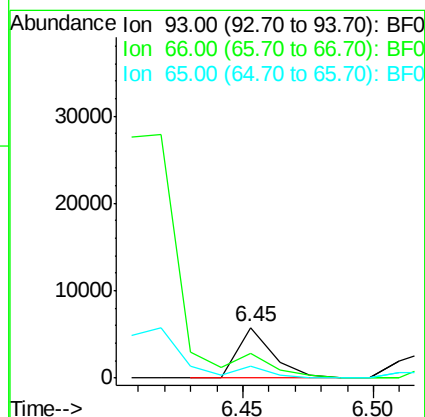
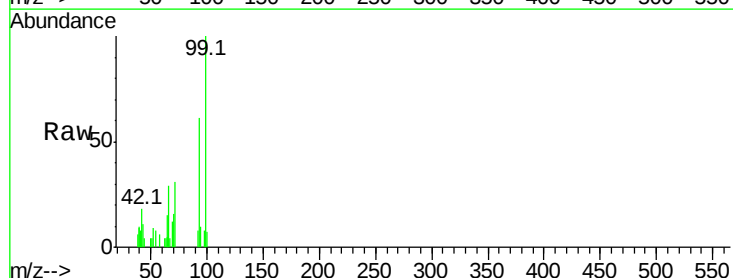
RT: 6.45 min Scan# 382

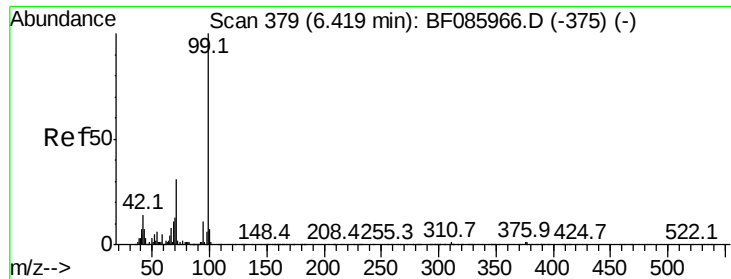
Delta R.T. 0.01 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion:	93	Resp:	5438
Ion Ratio	Lower	Upper	
93	100		
66	47.7	31.4	47.2#
65	24.1	15.7	23.5#





#7

Phenol-d6

Concen: 124.26 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

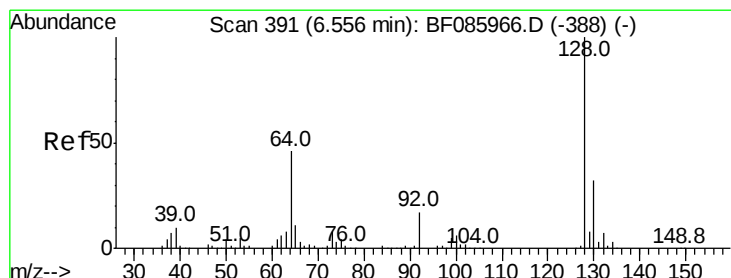
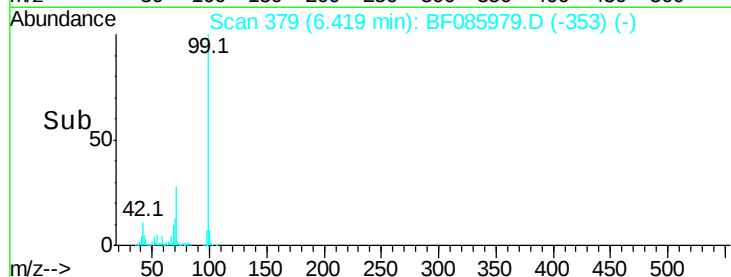
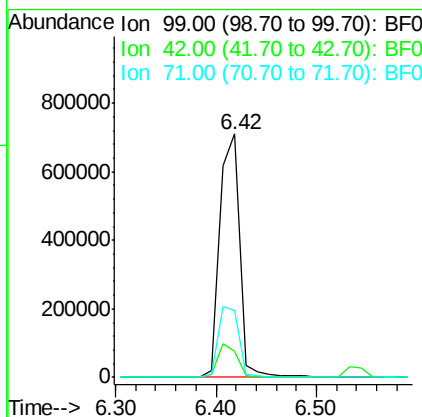
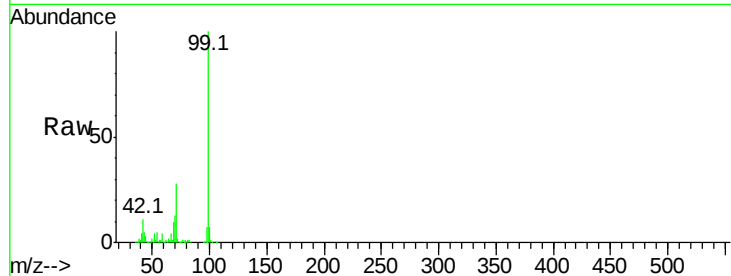
ClientSampleId :

LOD-SOIL2016-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		980583		
42	10.9	11.1	16.7#		
71	27.6	24.9	37.3		

Manual Integrations
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#8

2-Chlorophenol

Concen: 0.82 ng

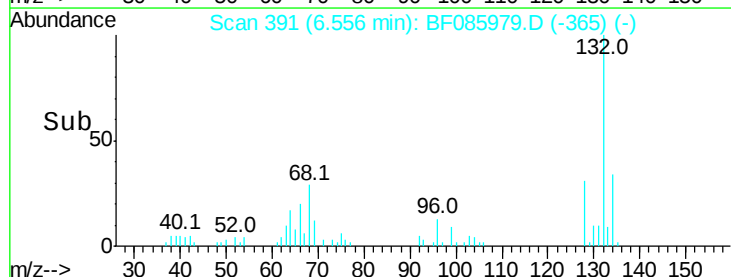
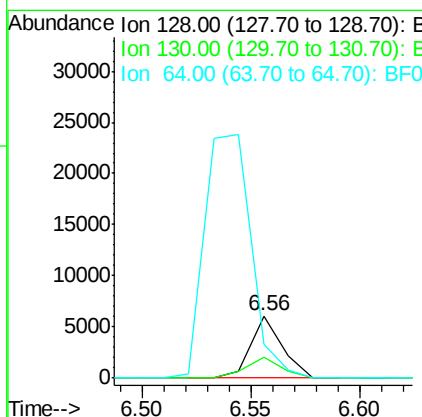
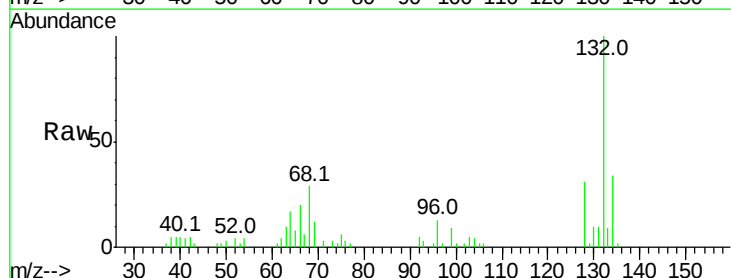
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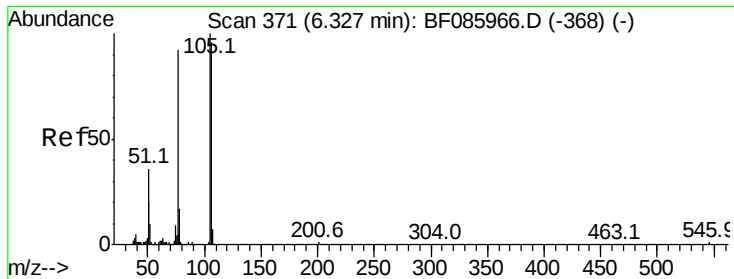
Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		6080		
130	32.9	12.9	52.9		
64	54.0	20.2	60.2		





#9

Benzaldehyde

Concen: 0.86 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.05 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

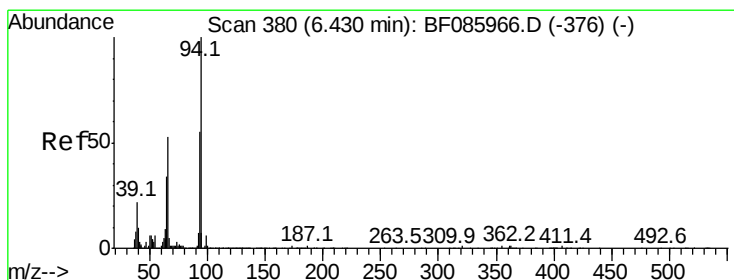
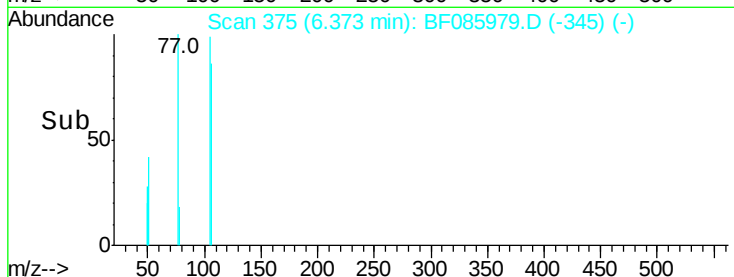
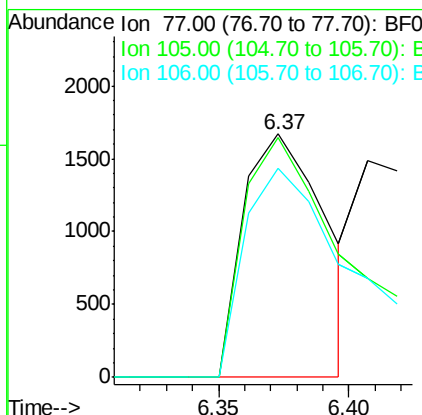
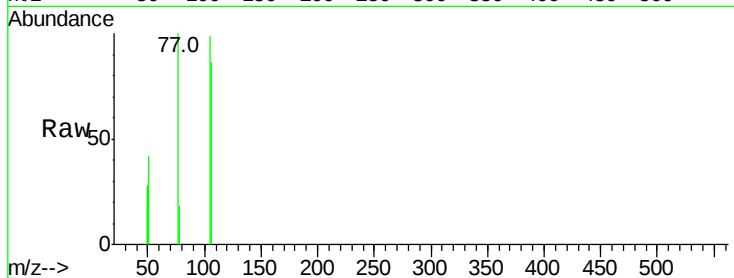
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	77	Resp:	3640
Ion	Ratio	Lower	Upper
77	100		
105	98.6	80.1	120.1
106	86.1	75.0	115.0

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#10

Phenol

Concen: 0.75 ng

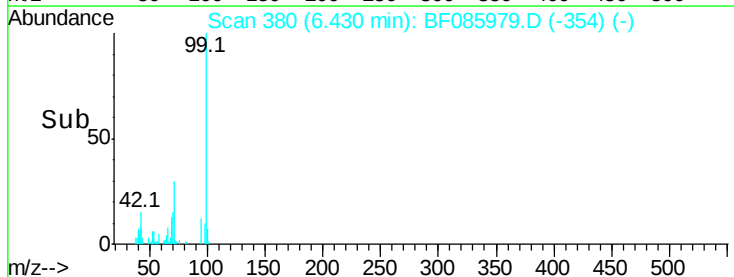
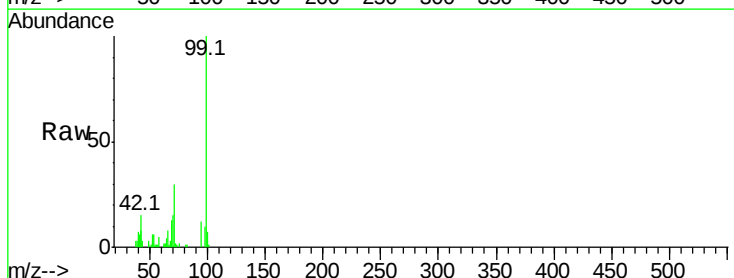
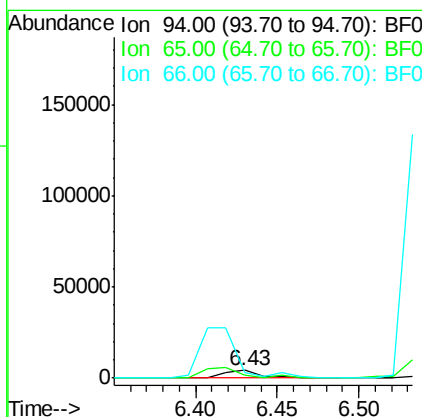
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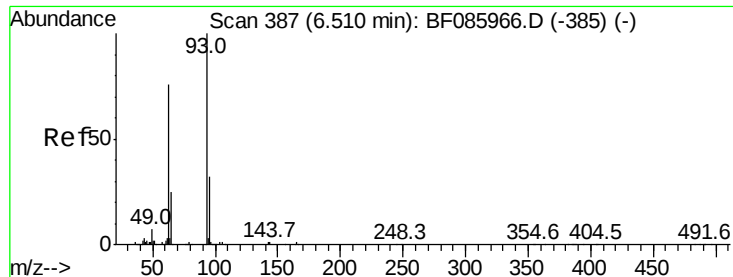
Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion:	94	Resp:	6730
Ion	Ratio	Lower	Upper
94	100		
65	30.7	8.6	48.6
66	68.1	20.0	60.0#





#11

bis(2-Chloroethyl)ether

Concen: 0.83 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

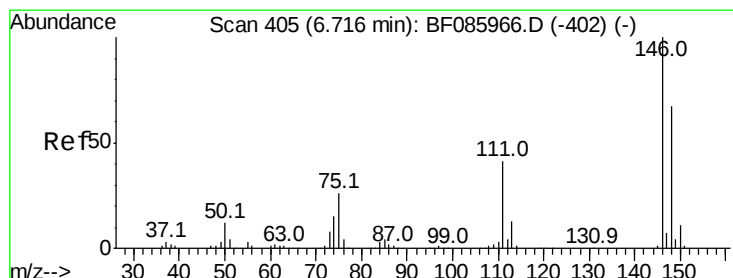
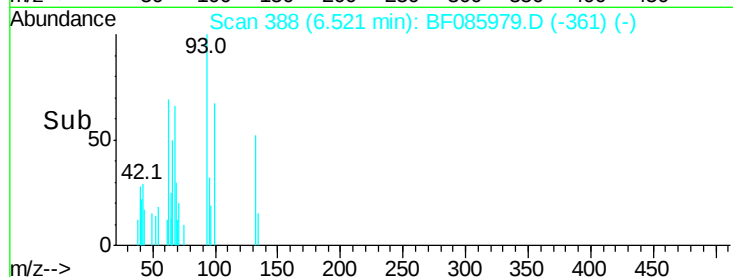
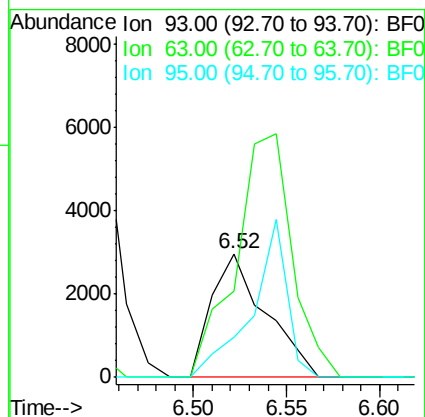
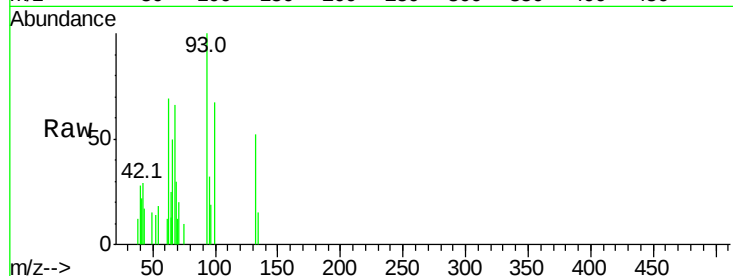
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	93	Resp:	5947
Ion Ratio	Lower	Upper	
93	100		
63	69.2	50.9	90.9
95	32.2	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 0.77 ng

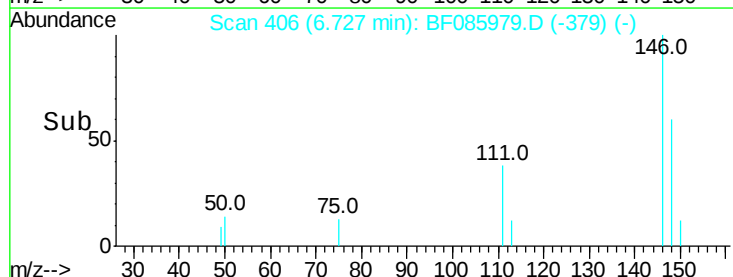
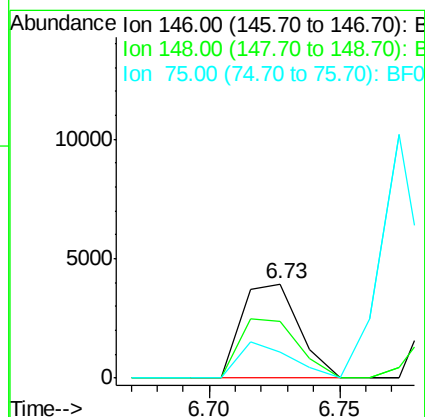
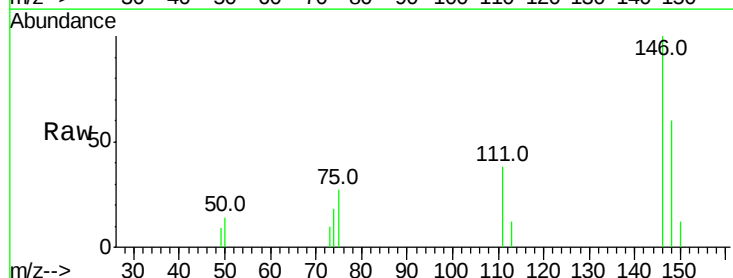
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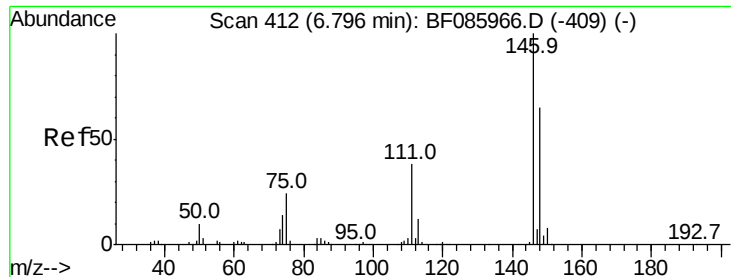
Delta R.T. 0.01 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion:	146	Resp:	6062
Ion Ratio	Lower	Upper	
146	100		
148	59.9	52.3	78.5
75	27.4	17.4	26.2#





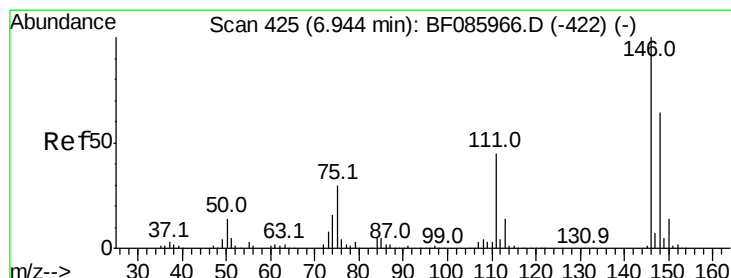
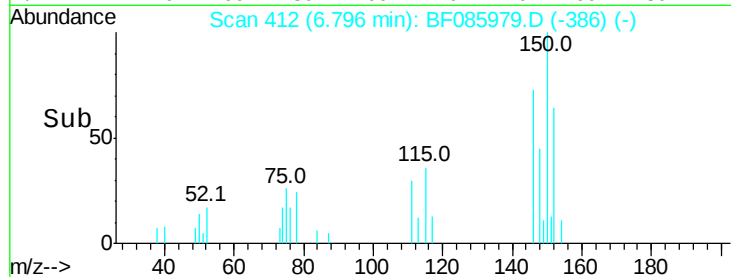
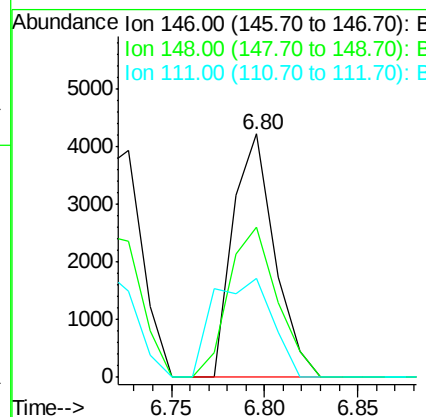
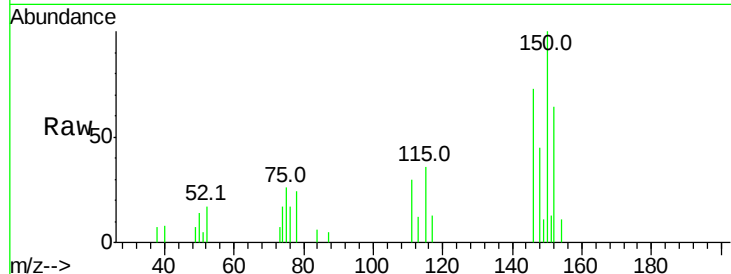
#13
 1,4-Dichlorobenzene
 Concen: 0.81 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.6	76.0
111	40.6	37.8	56.6

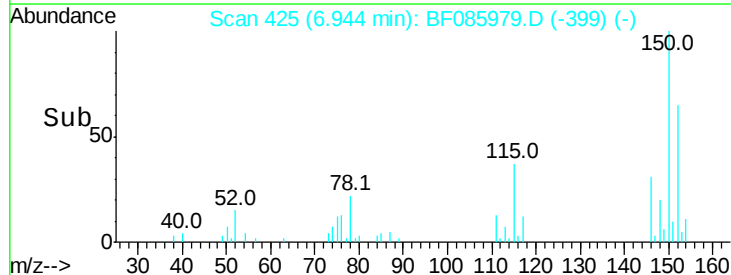
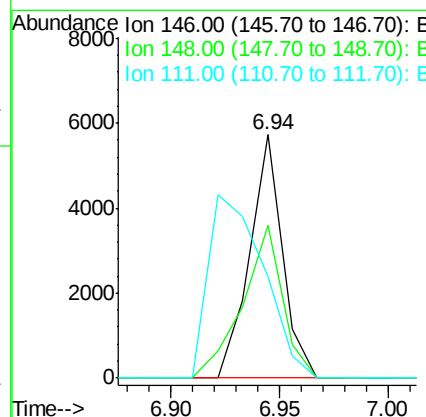
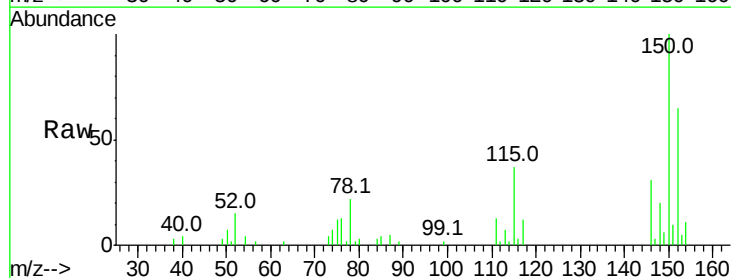
Manual Integrations
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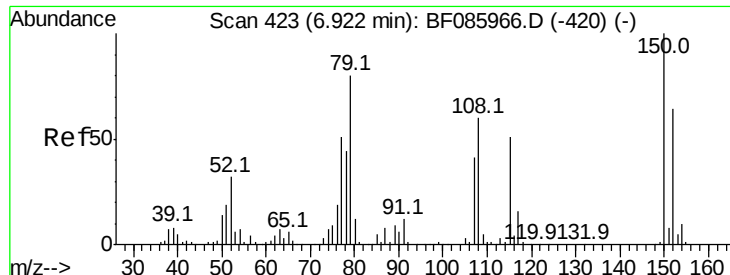
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#14
 1,2-Dichlorobenzene
 Concen: 0.80 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.2
111	41.8	34.6	52.0





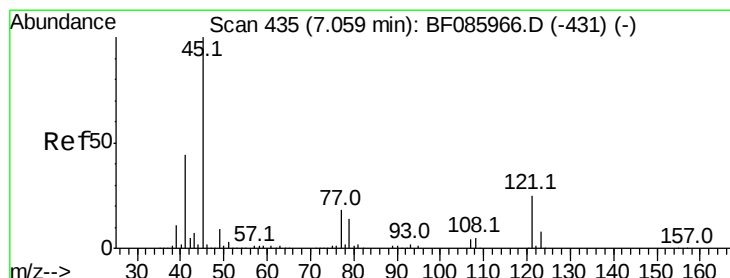
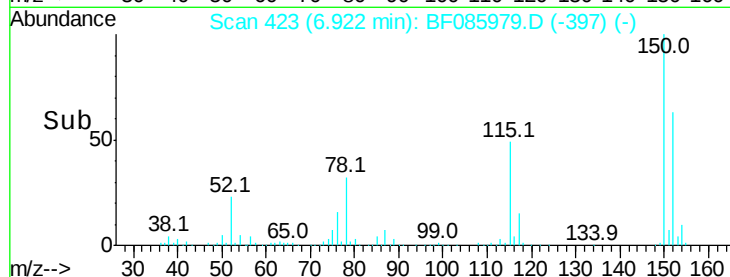
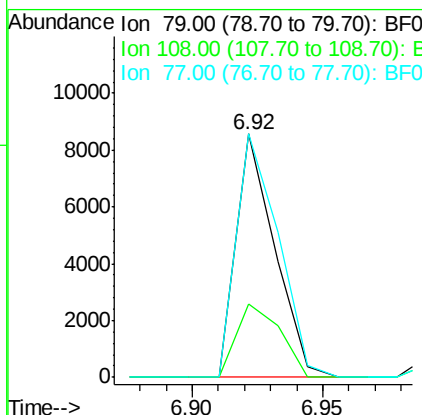
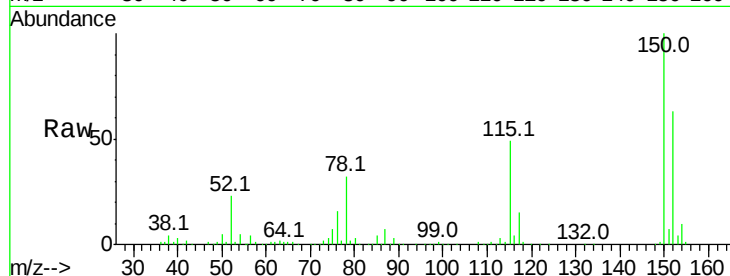
#15
Benzyl Alcohol
Concen: 1.75 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:	79	Resp:	8917
Ion Ratio	Lower	Upper	
79	100		
108	30.4	61.8	92.6#
77	100.2	49.6	74.4#

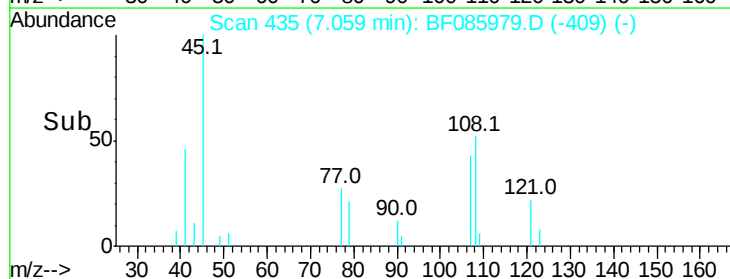
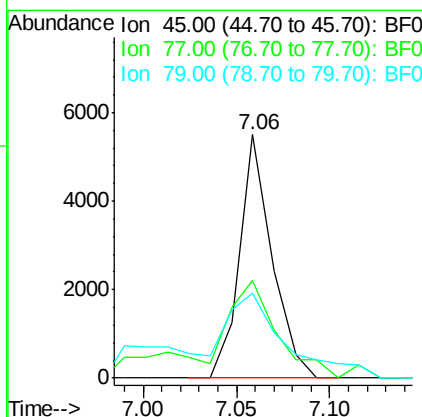
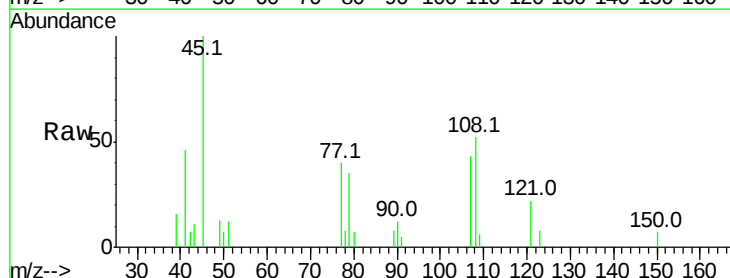
Manual Integrations
APPROVED

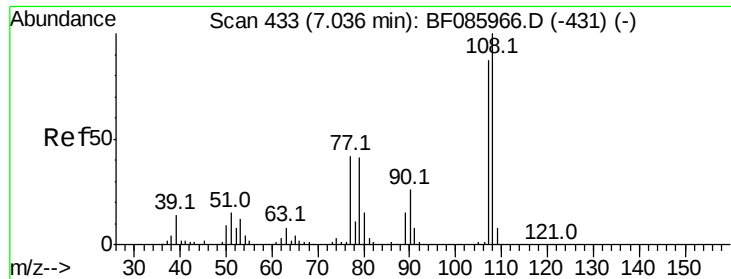
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#16
2,2'-oxybis(1-chloropropane)
Concen: 0.76 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion:	45	Resp:	6647
Ion Ratio	Lower	Upper	
45	100		
77	40.0	0.0	35.7#
79	34.7	0.0	32.2#





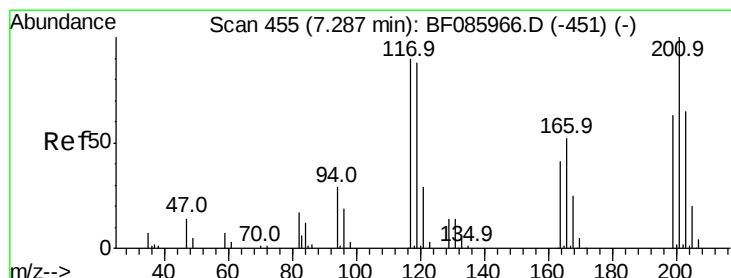
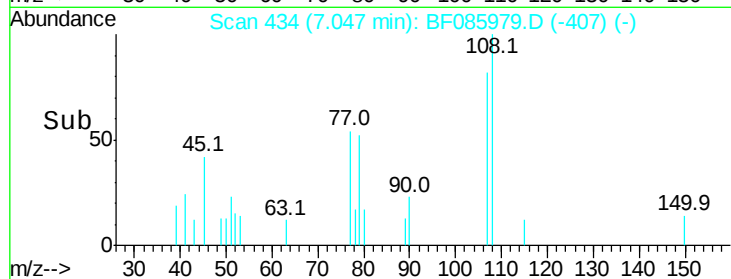
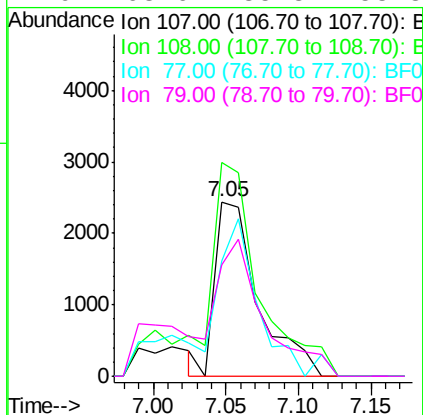
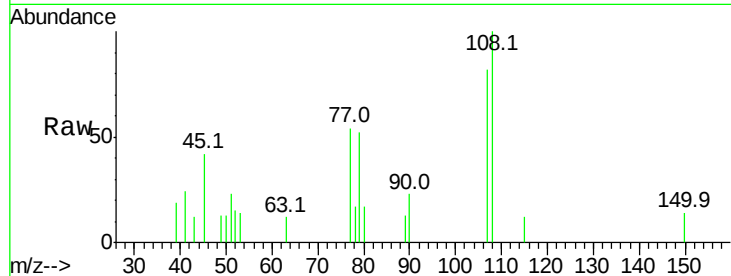
#17
2-Methylphenol
Concen: 0.86 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
107	100		
108	122.4	91.4	137.0
77	65.8	36.2	54.2#
79	63.6	35.8	53.8#

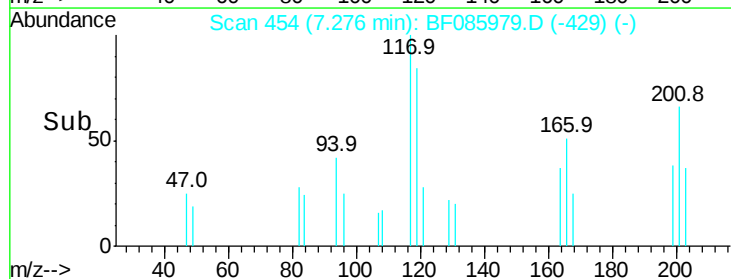
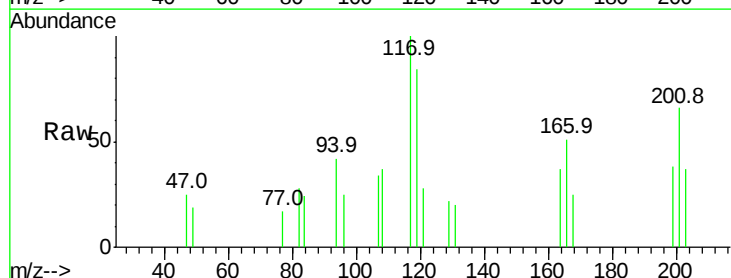
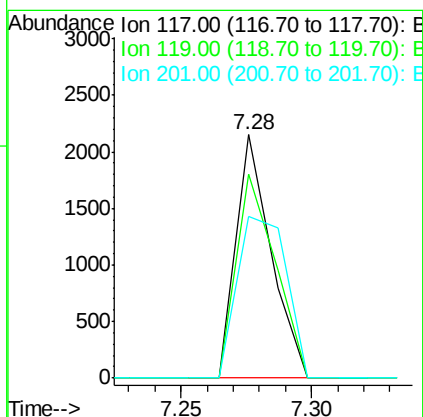
Manual Integrations
APPROVED

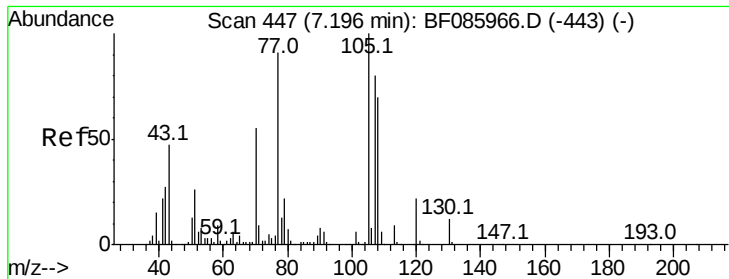
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#18
Hexachloroethane
Concen: 0.68 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.7	76.7	115.1
201	66.2	83.3	124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 0.74 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085979.D

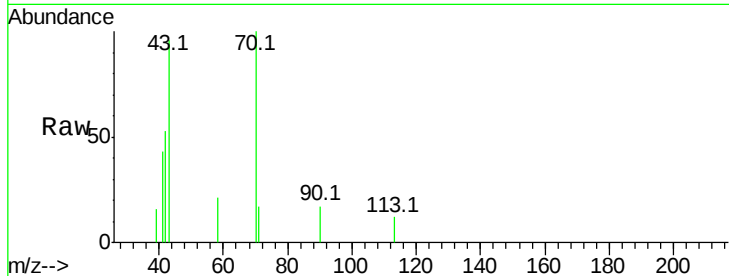
Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2016-01



Tot Ion: 70 Resp: 3599

Ion Ratio Lower Upper

70 100

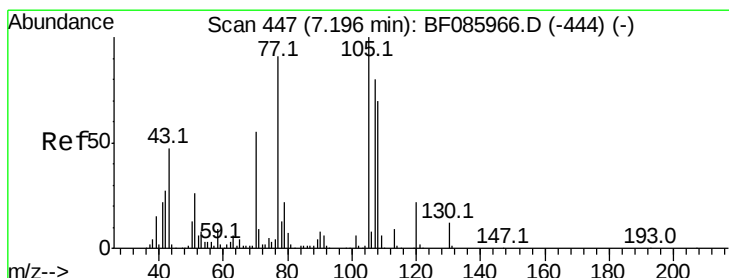
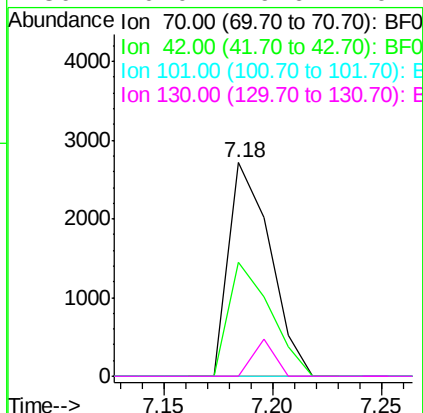
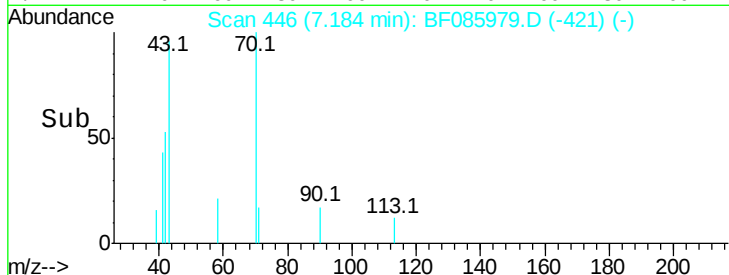
42 53.1 37.1 55.7

101 0.0 8.6 12.8#

130 0.0 19.6 29.4#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 0.73 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.05 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion: 107 Resp: 5173

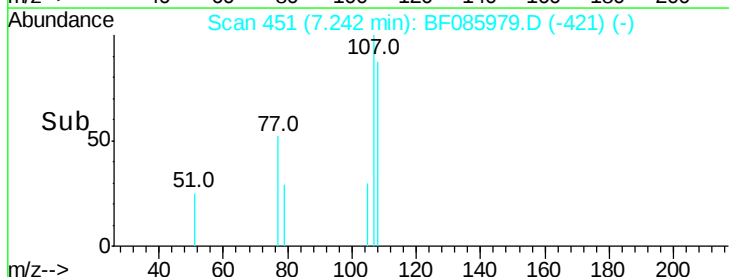
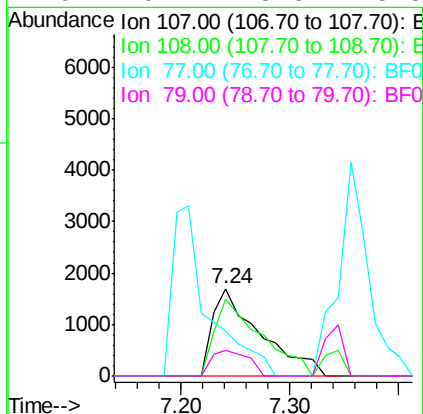
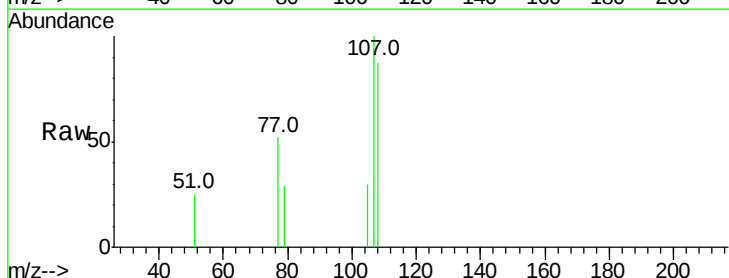
Ion Ratio Lower Upper

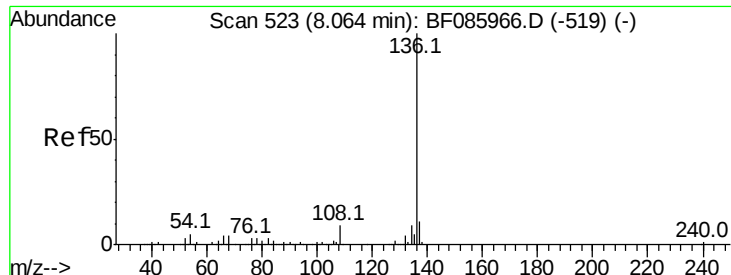
107 100

108 87.2 69.3 109.3

77 51.8 101.7 141.7#

79 29.4 8.3 48.3





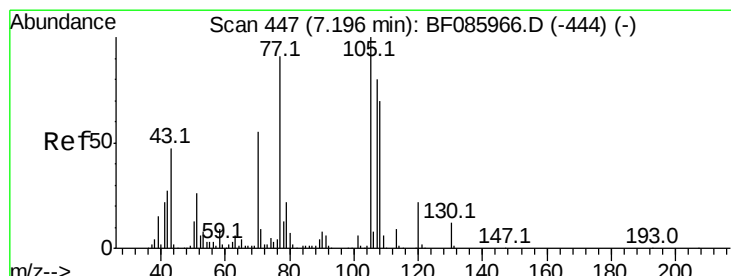
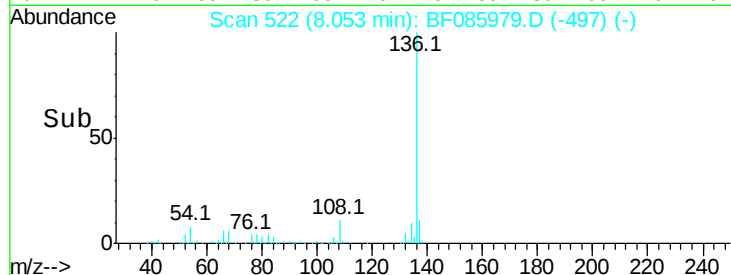
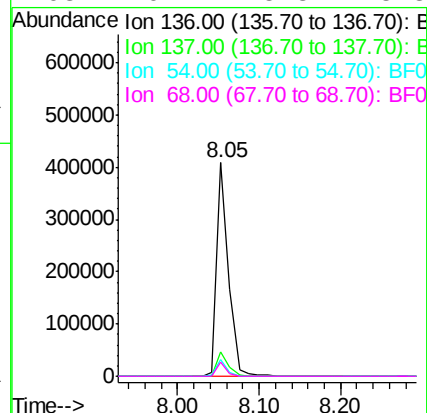
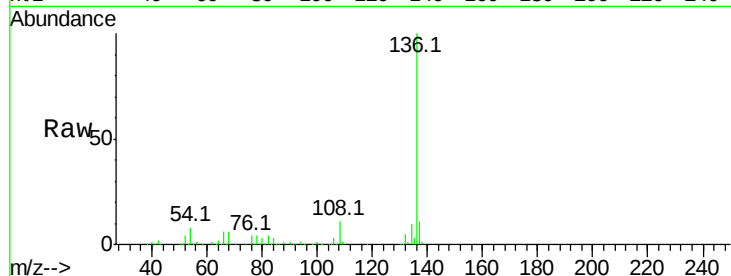
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.1	13.7	
54	8.0	7.4	11.0	
68	6.4	5.8	8.8	

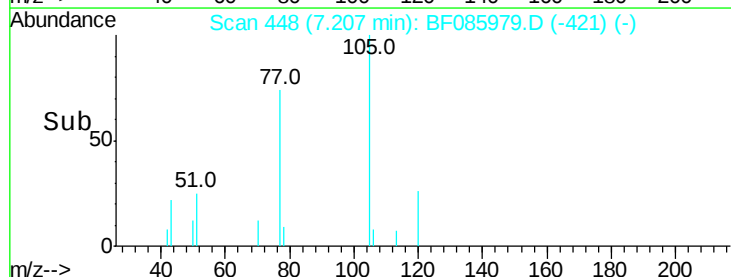
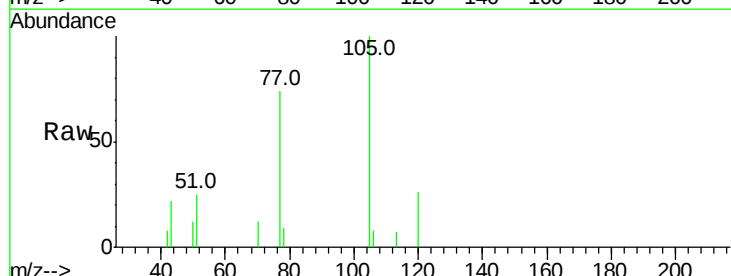
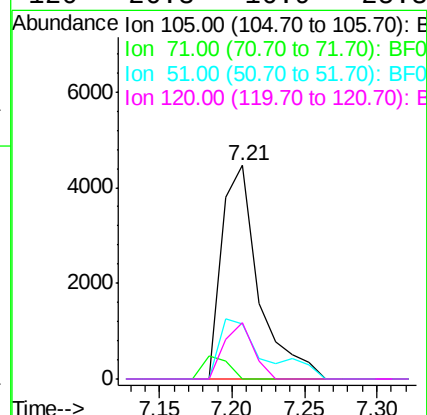
Manual Integrations
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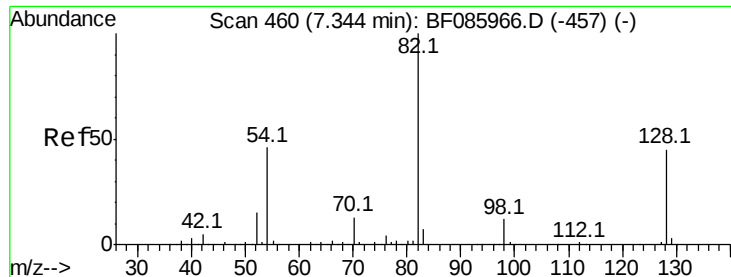
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#22
Acetophenone
Concen: 0.80 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	3.6	5.4#	
51	25.5	25.4	38.0	
120	26.3	16.9	25.3#	





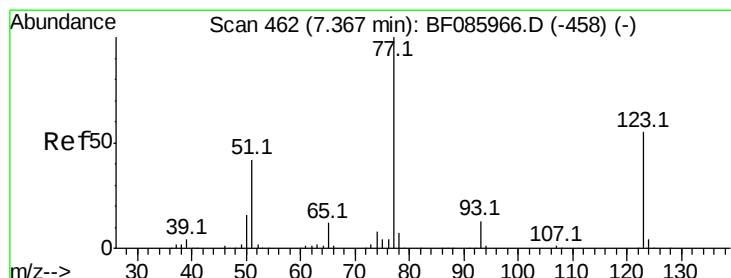
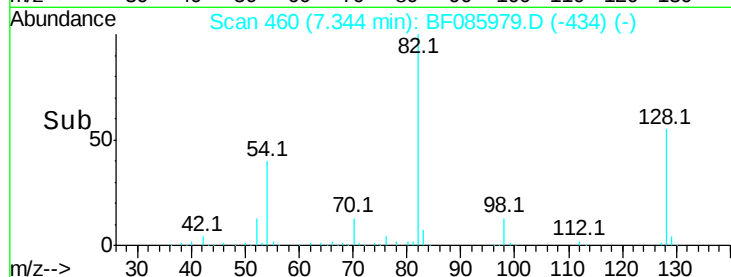
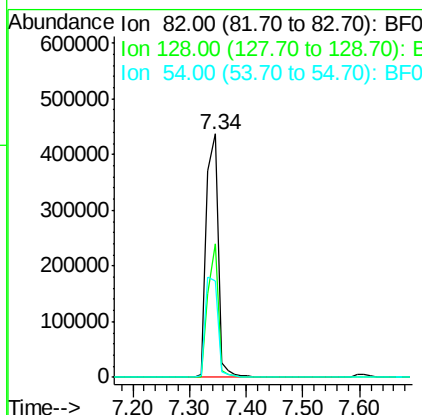
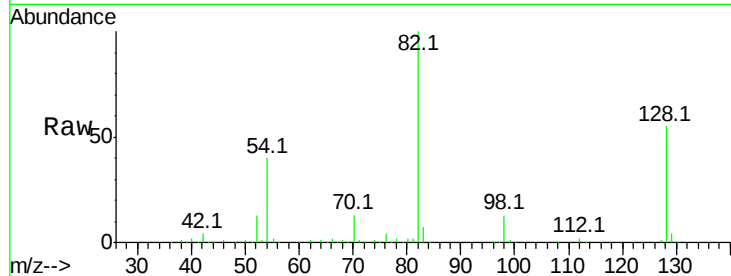
#23
 Nitrobenzene-d5
 Concen: 84.69 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	82	Resp	598002
Ion Ratio	100	Lower	Upper
128	55.1	41.8	62.8
54	39.8	33.4	50.0

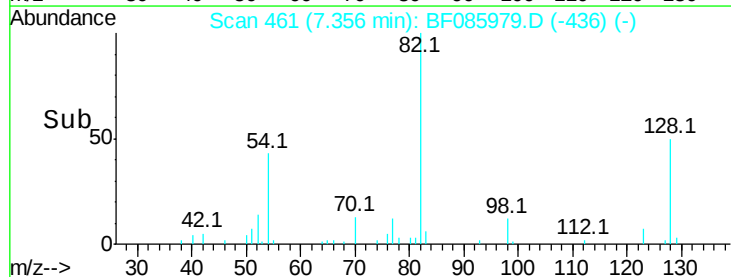
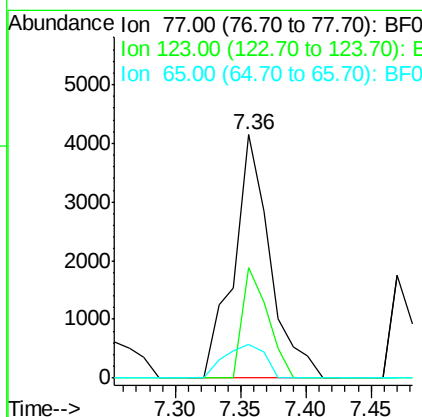
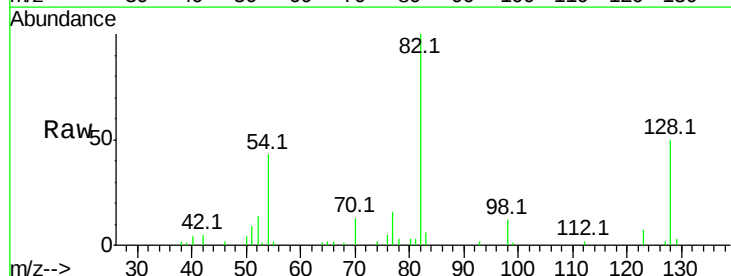
Manual Integrations
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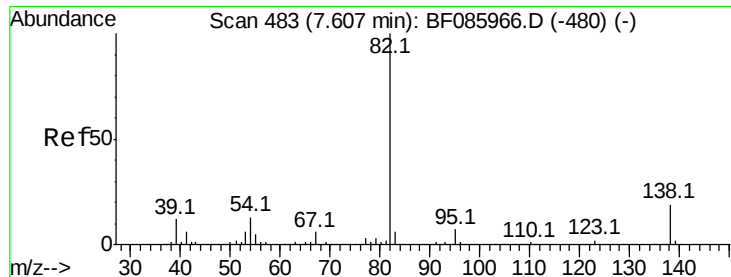
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#24
 Nitrobenzene
 Concen: 1.04 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Tgt Ion	77	Resp	8015
Ion Ratio	100	Lower	Upper
123	45.4	35.0	52.4
65	13.6	10.6	16.0





#25

Isophorone

Concen: 0.75 ng/mL

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

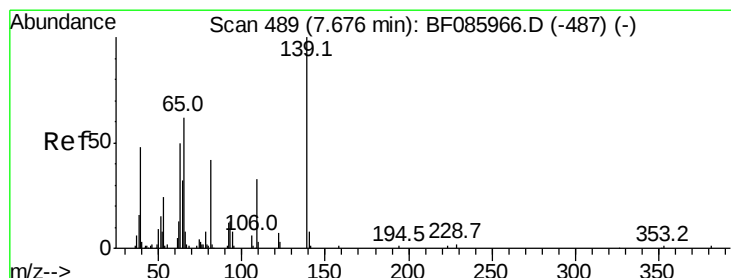
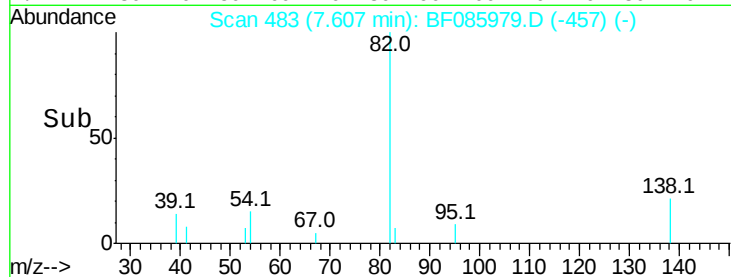
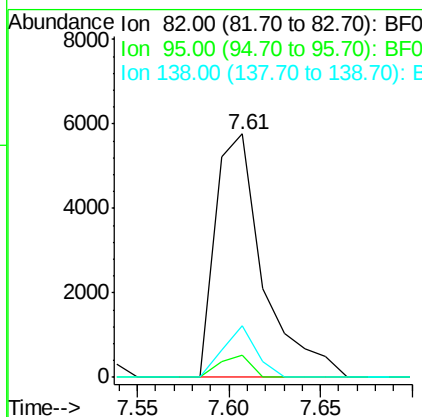
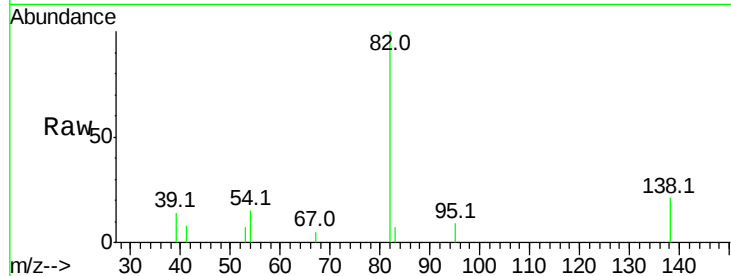
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	82	Resp:	10489
Ion Ratio	Lower	Upper	
82	100		
95	8.9	5.4	8.2#
138	21.2	12.9	19.3#

Manual Integrations
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#26

2-Nitrophenol

Concen: 0.46 ng/mL

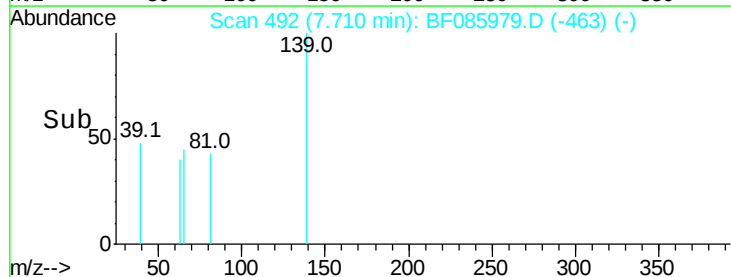
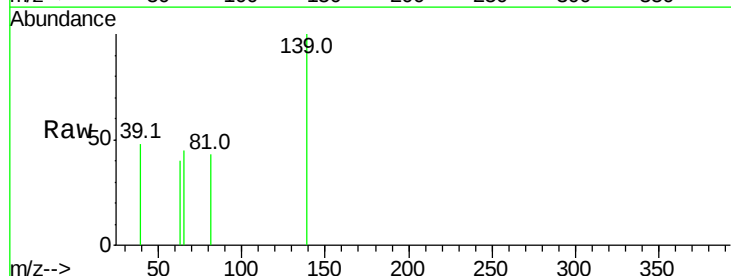
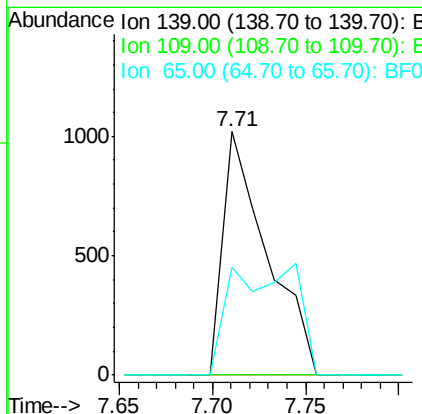
RT: 7.71 min Scan# 492

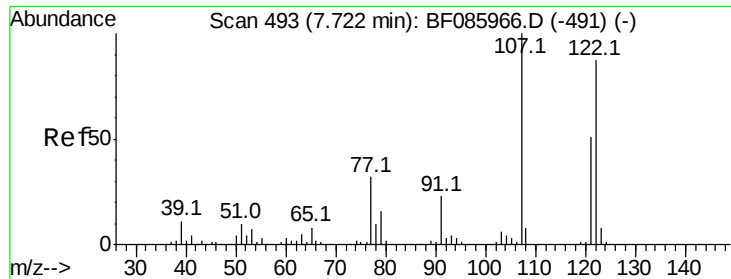
Delta R.T. 0.03 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion:	139	Resp:	1682
Ion Ratio	Lower	Upper	
139	100		
109	0.0	22.1	33.1#
65	44.5	33.9	50.9





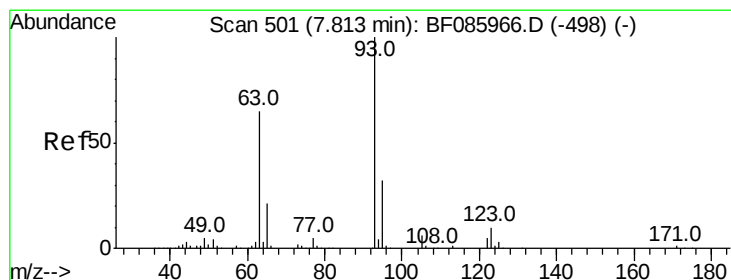
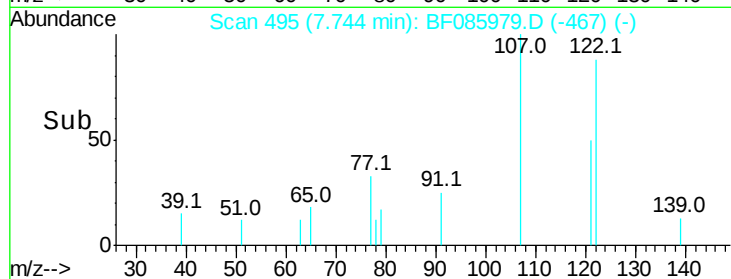
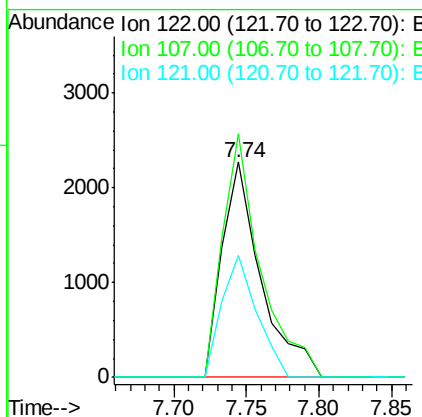
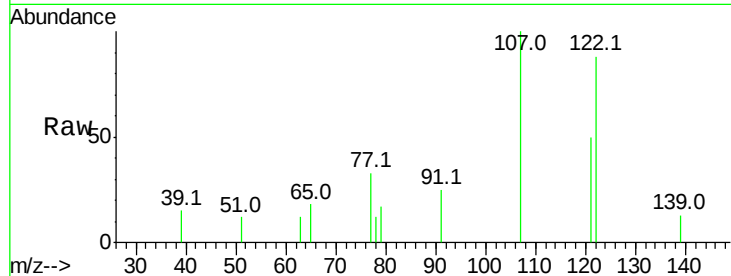
#27
2,4-Dimethylphenol
Concen: 0.64 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.02 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	93.0	139.6
121	57.0	45.9	68.9

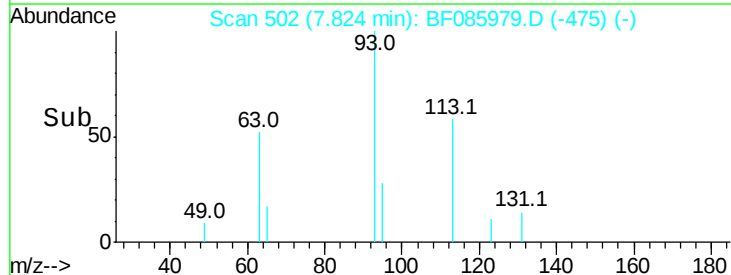
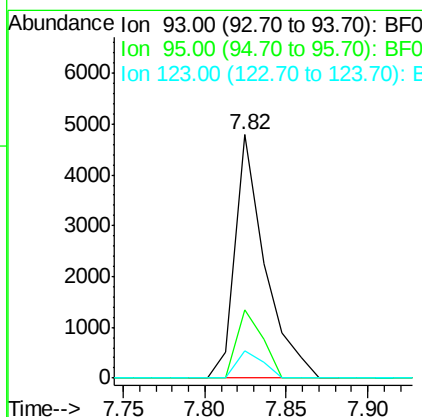
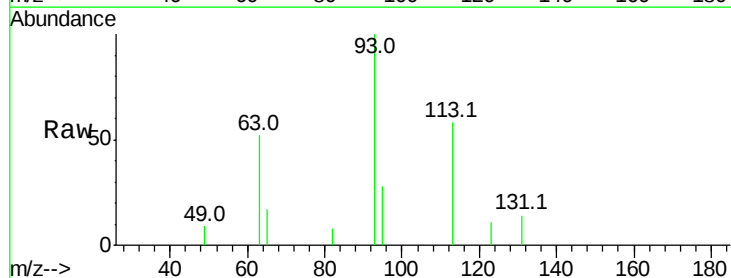
Manual Integrations
APPROVED

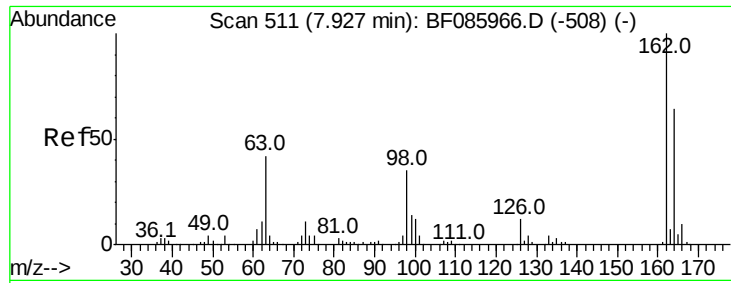
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#28
bis(2-Chloroethoxy)methane
Concen: 0.74 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.0	26.4	39.6
123	11.4	9.8	14.6





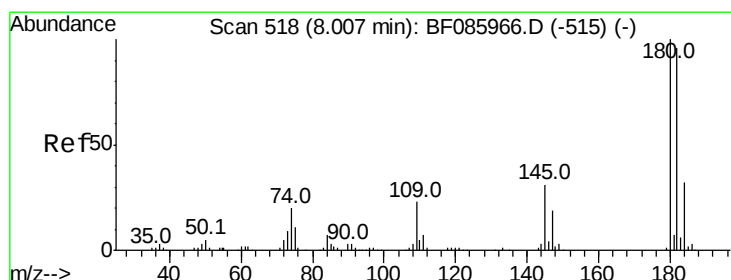
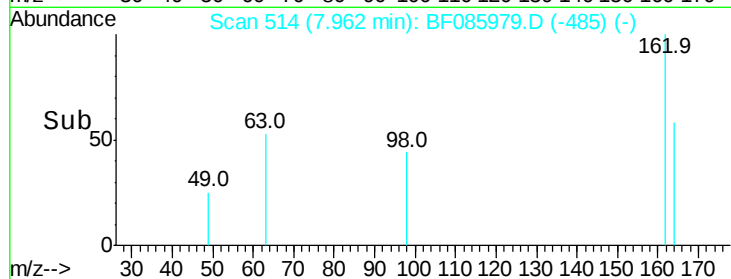
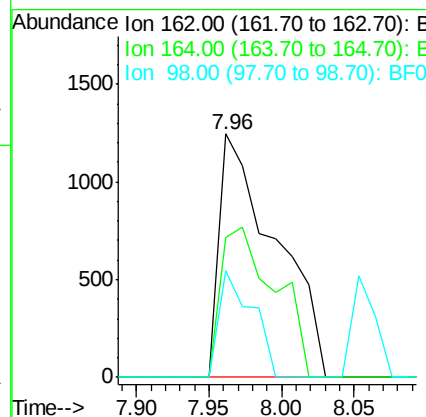
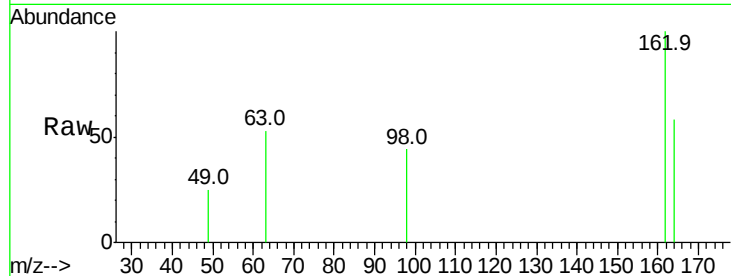
#29
 2,4-Dichlorophenol
 Concen: 0.59 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.03 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
162	100	3338		
164	57.7		43.7	83.7
98	44.1		20.4	60.4

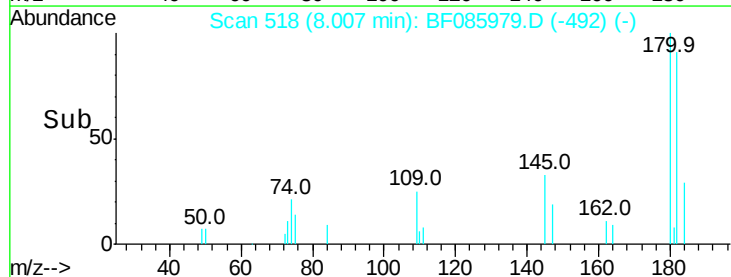
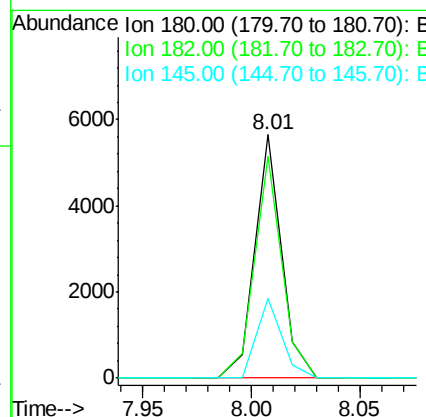
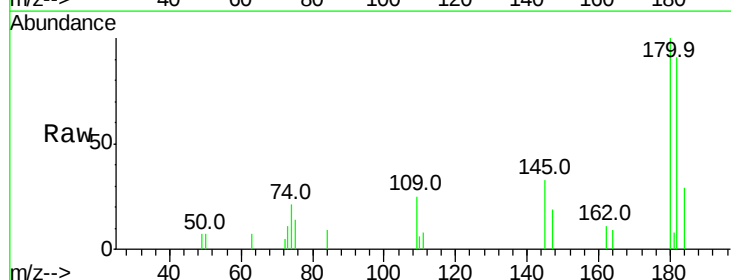
Manual Integrations
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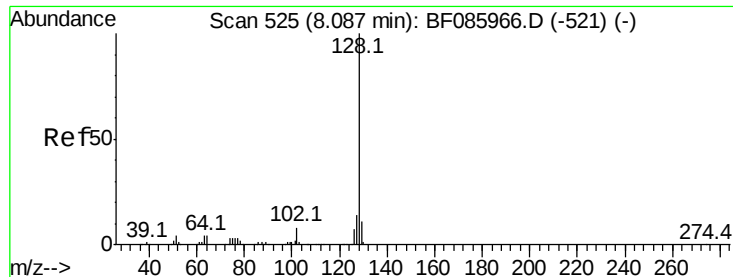
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 0.76 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	4815		
182	91.2		73.8	110.8
145	32.7		28.4	42.6





#31

Naphthalene

Concen: 0.84 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

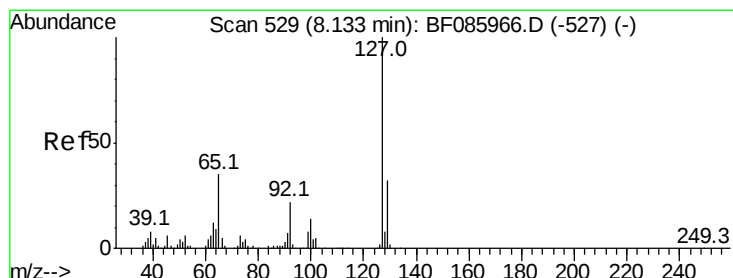
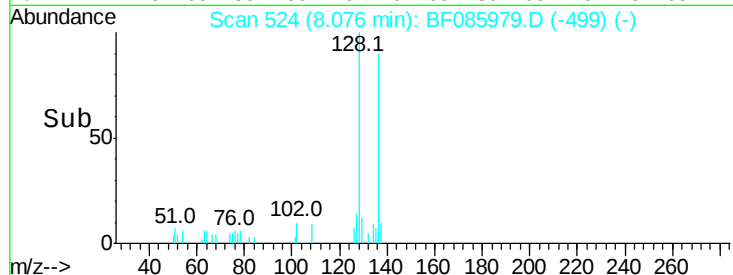
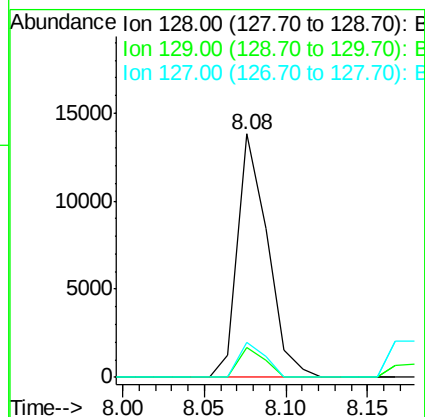
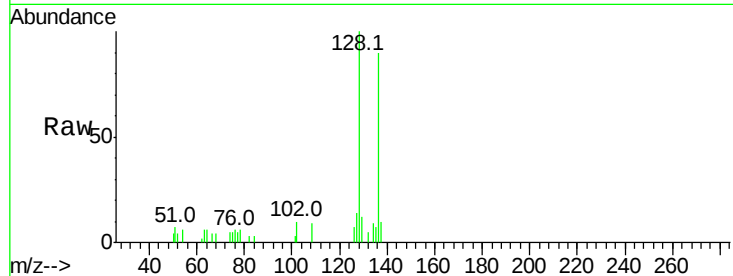
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	128	Resp:	17499
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.4	14.0
127	14.4	11.0	16.6

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#33

4-Chloroaniline

Concen: 0.59 ng m

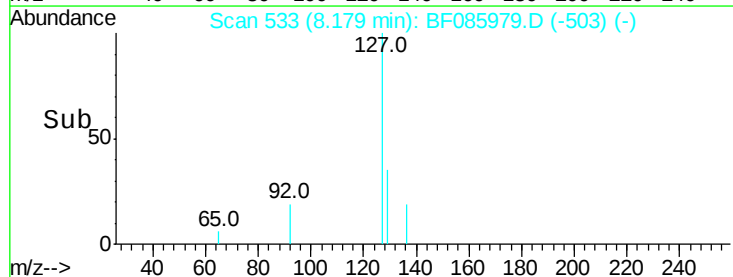
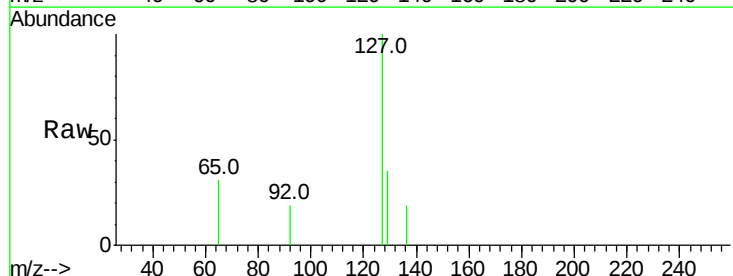
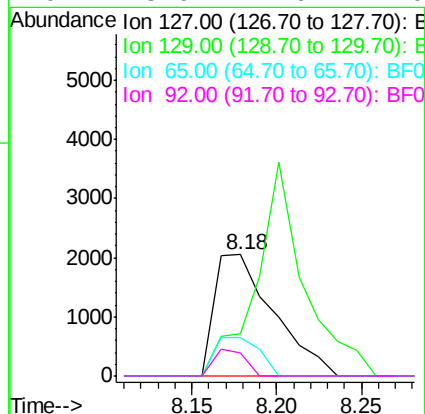
RT: 8.18 min Scan# 533

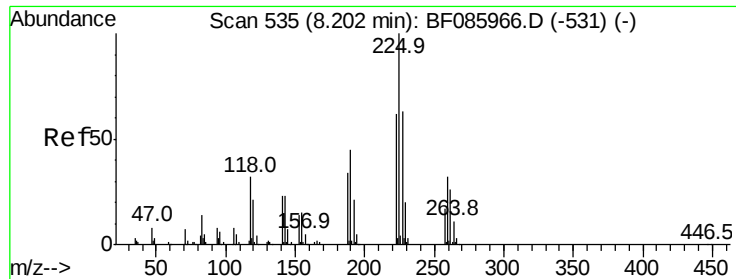
Delta R.T. 0.05 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion:	127	Resp:	4989
Ion Ratio	Lower	Upper	
127	100		
129	34.8	26.1	39.1
65	31.2	19.5	29.3#
92	18.9	14.6	22.0





#34

Hexachlorobutadiene

Concen: 0.67 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

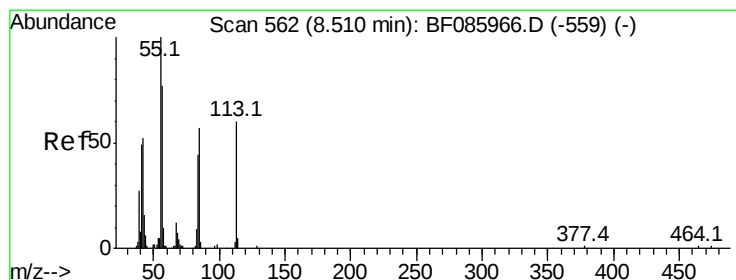
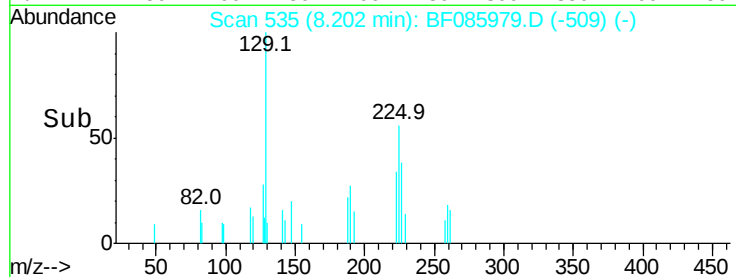
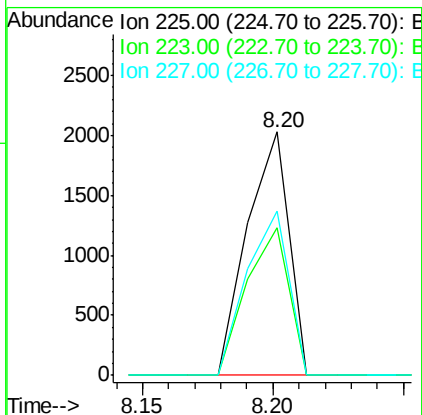
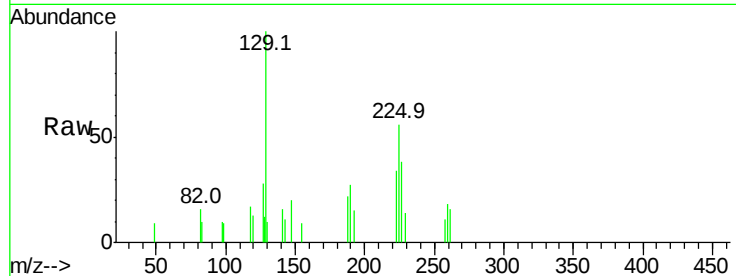
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	225	Resp:	2267
Ion Ratio	Lower	Upper	
225	100		
223	60.4	50.4	75.6
227	67.5	51.4	77.2

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#35

Caprolactam

Concen: 0.31 ng

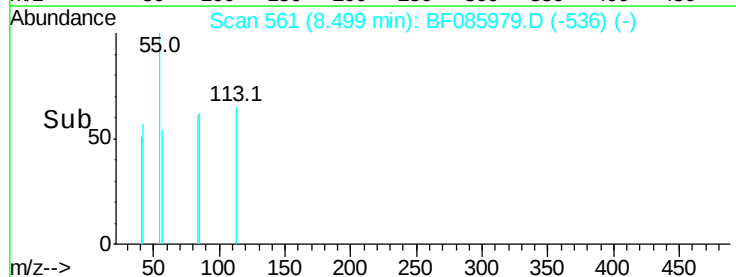
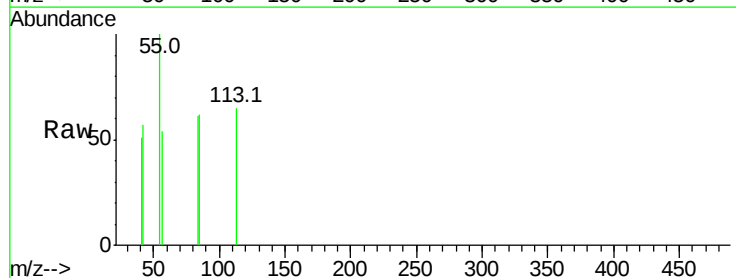
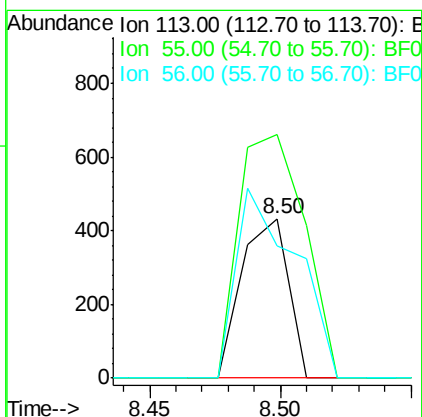
RT: 8.50 min Scan# 561

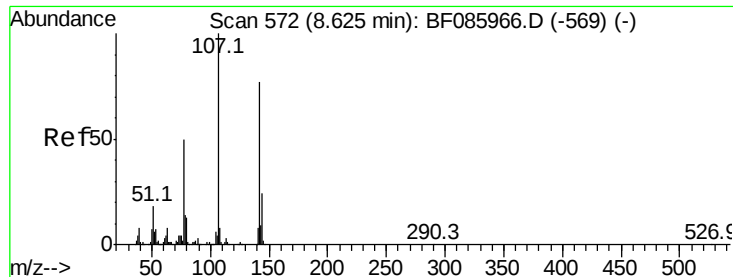
Delta R.T. -0.01 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion:	113	Resp:	546
Ion Ratio	Lower	Upper	
113	100		
55	153.0	139.4	179.4
56	82.9	100.4	140.4#





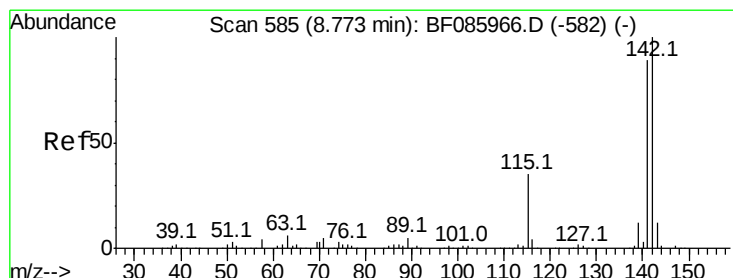
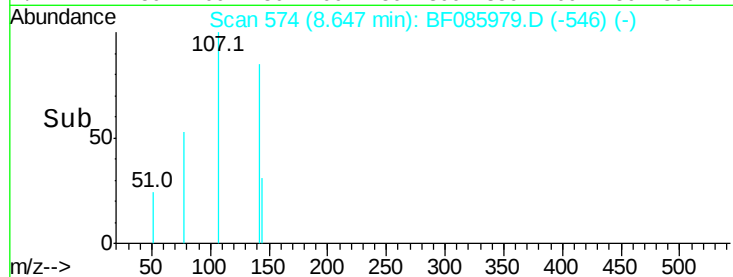
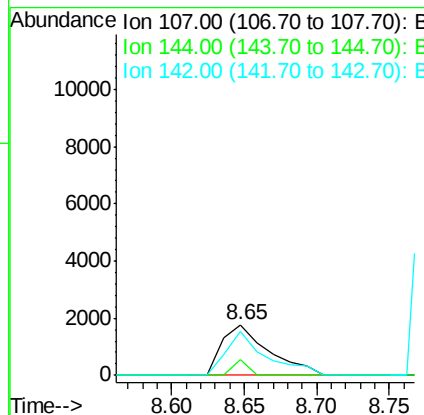
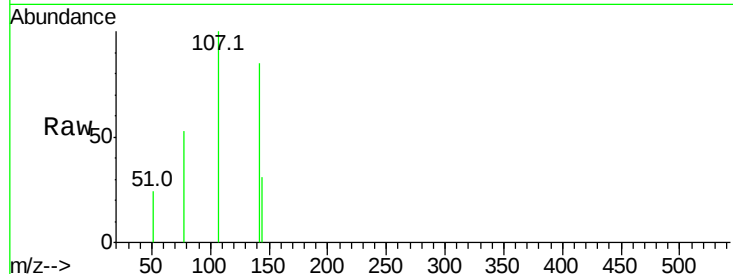
#36
4-Chloro-3-methylphenol
Concen: 0.63 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
107	100		
144	30.7	19.3	28.9#
142	85.4	61.4	92.0

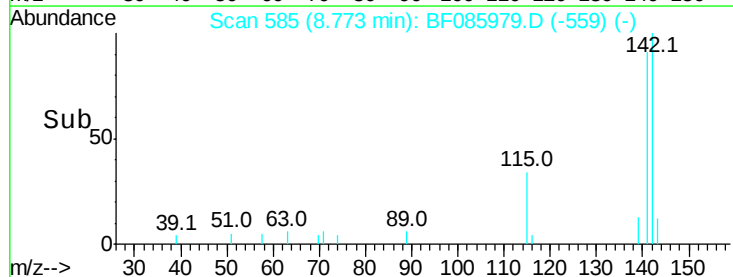
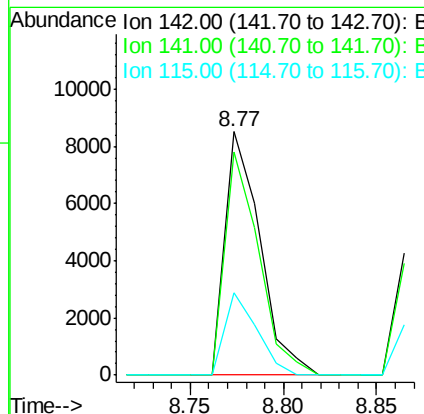
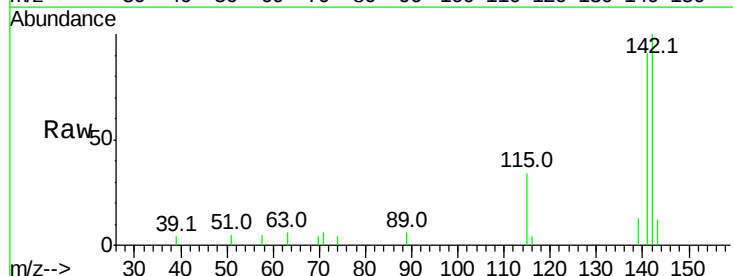
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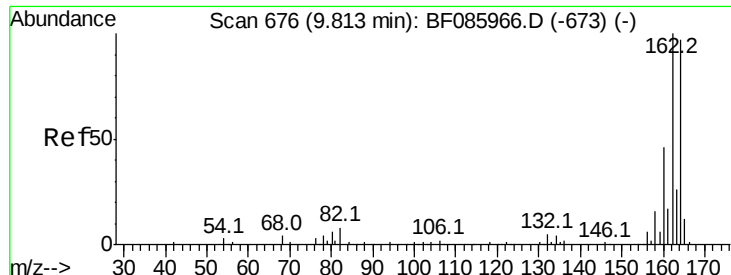
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#37
2-Methylnaphthalene
Concen: 0.82 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.6	107.4
115	33.9	26.8	40.2





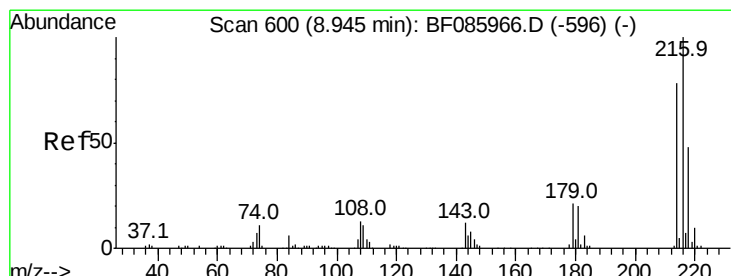
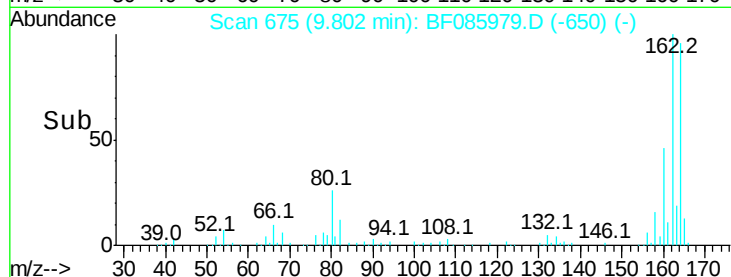
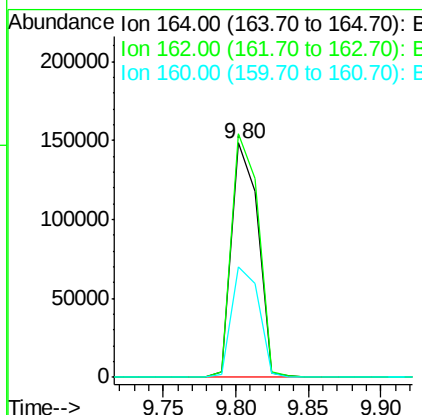
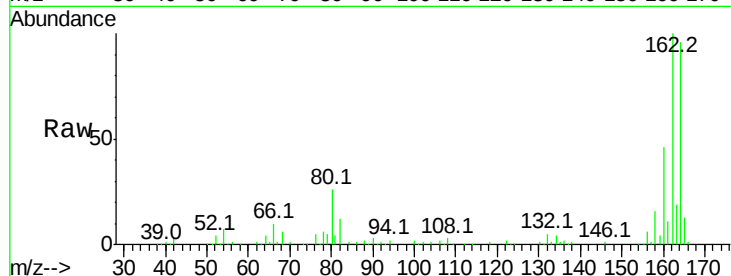
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
164	100	187970		
162	104.0		82.1	123.1
160	47.4		37.4	56.2

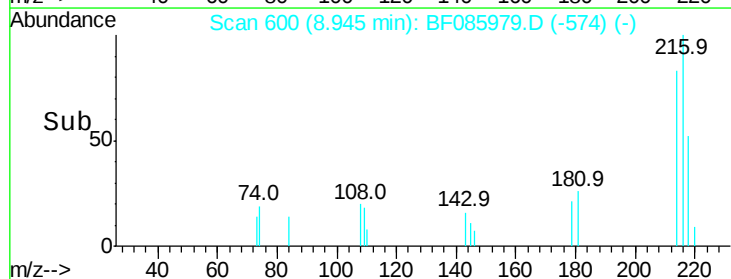
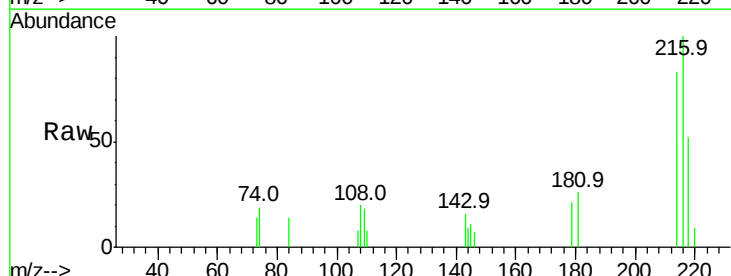
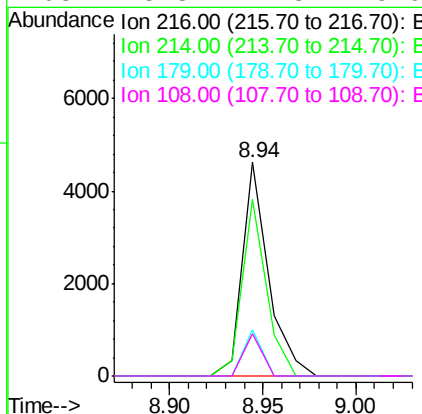
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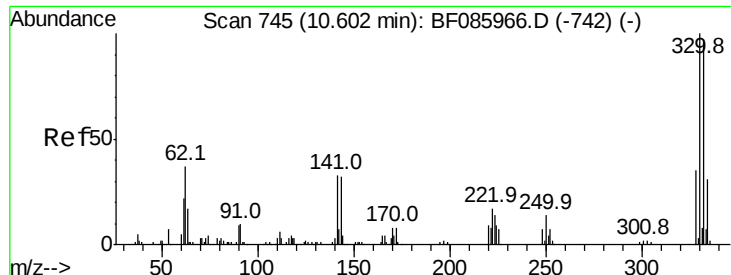
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.80 ng
RT: 8.94 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	4521		
214	76.9		63.1	94.7
179	15.0		18.2	27.2#
108	13.8		17.3	25.9#





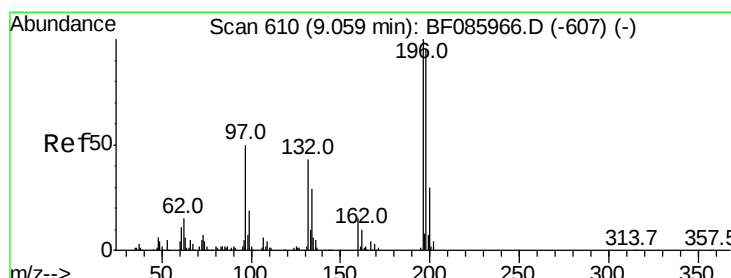
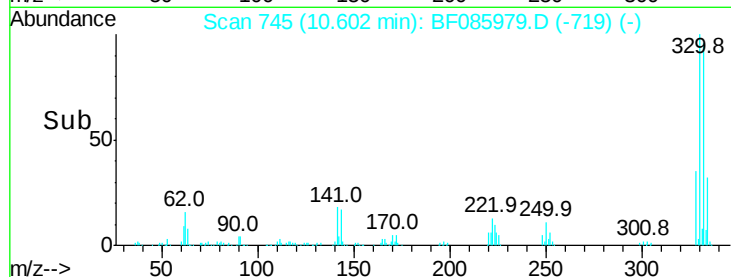
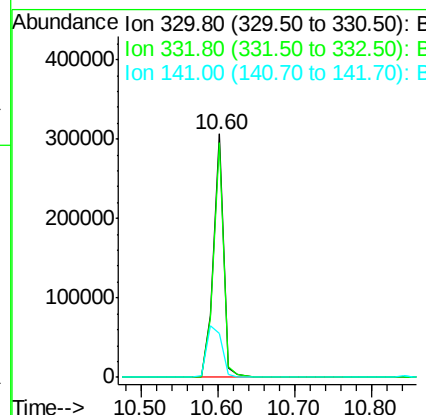
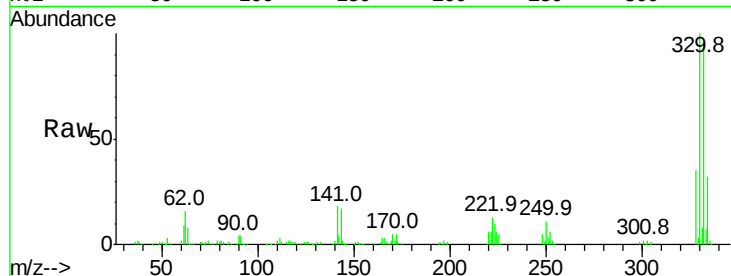
#41
 2,4,6-Tribromophenol
 Concen: 158.67 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279945		
332	96.4	78.2	117.2	
141	31.3	31.5	47.3#	

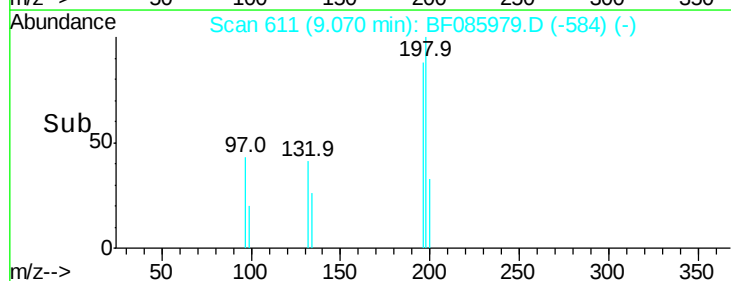
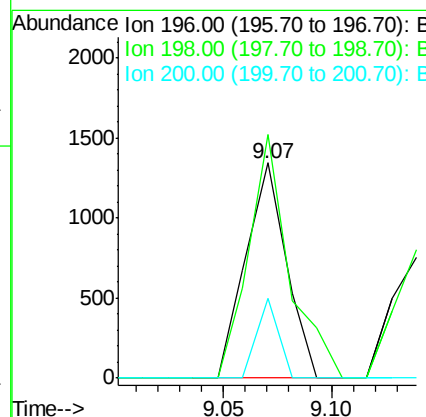
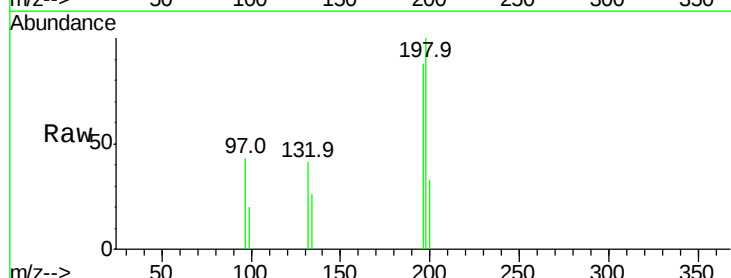
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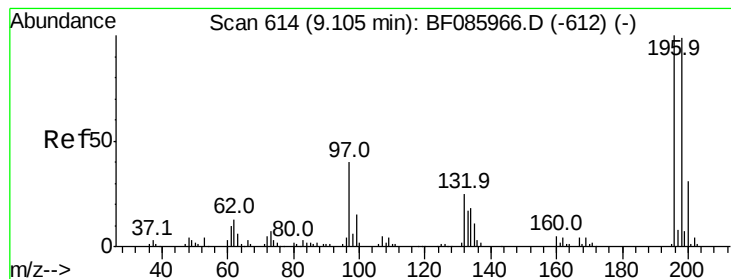
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#42
 2,4,6-Trichlorophenol
 Concen: 0.48 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1745		
198	113.2	75.3	112.9#	
200	37.2	23.7	35.5#	





#43

2,4,5-Trichlorophenol

Concen: 0.55 ng/mL

RT: 9.15 min Scan# 618

Delta R.T. 0.05 min

Lab File: BF085979.D

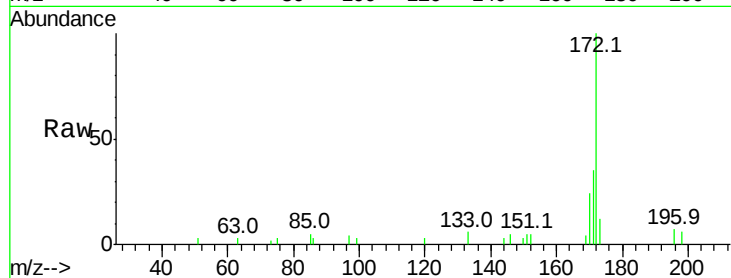
Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2016-01



Tot Ion:196 Resp: 2041

Ion Ratio Lower Upper

196 100

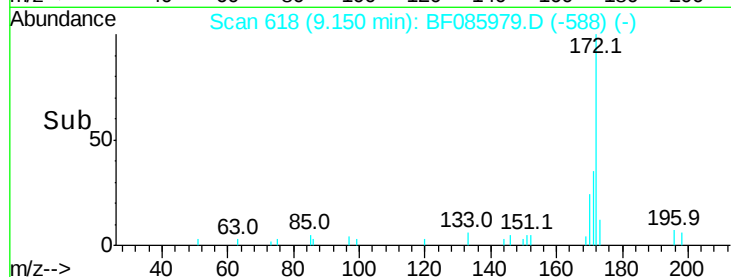
198 84.6 76.6 114.8

97 57.6 30.5 45.7#

132 0.0 20.2 30.2#

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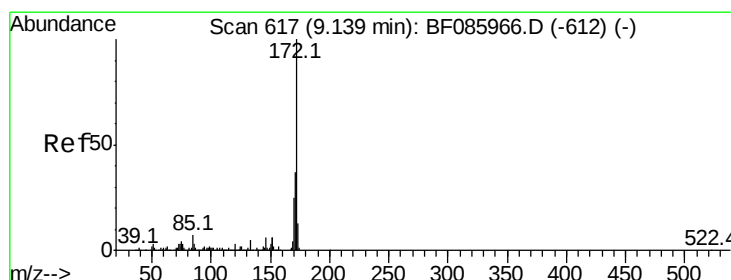
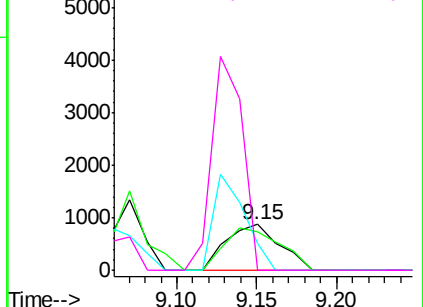


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 93.53 ng/mL

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

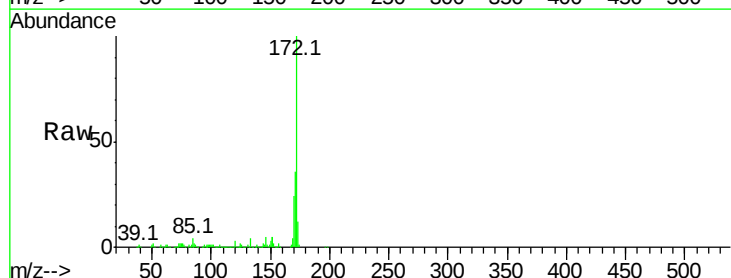
Tgt Ion:172 Resp: 1057347

Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.2

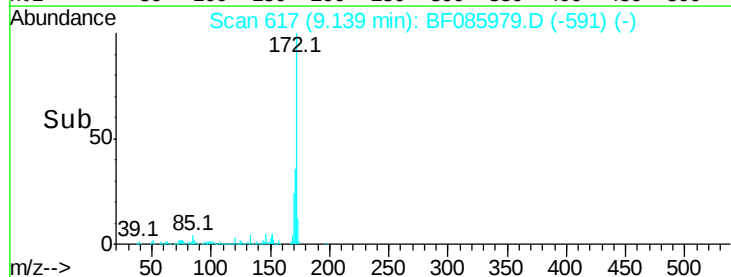
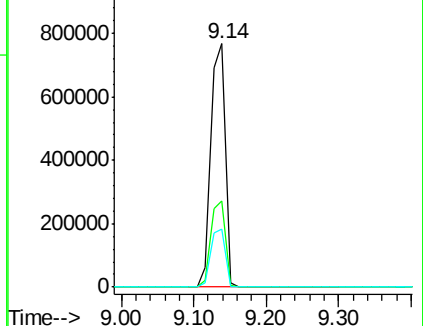
170 24.0 19.8 29.6

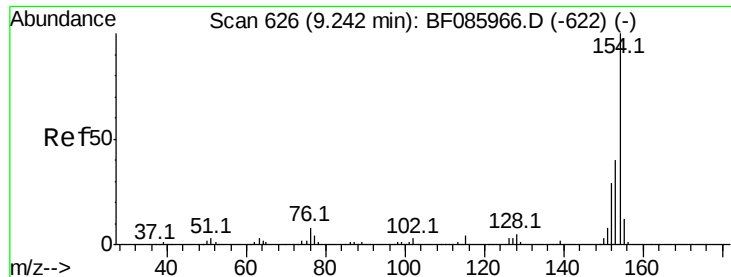


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.87 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

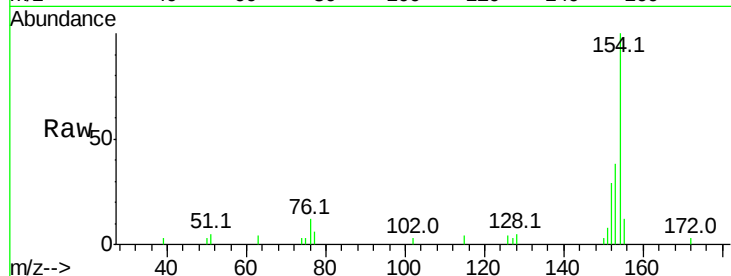
ClientSampleId :

LOD-SOIL2016-01

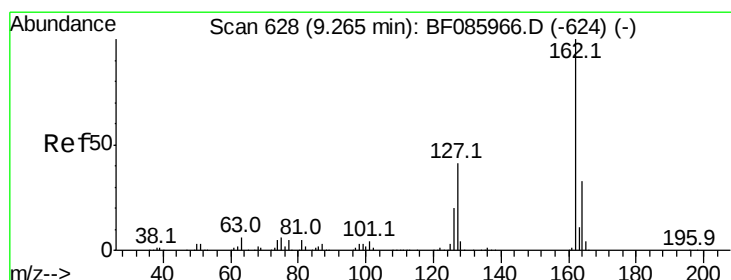
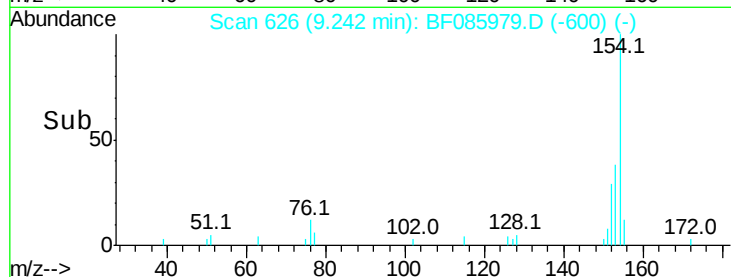
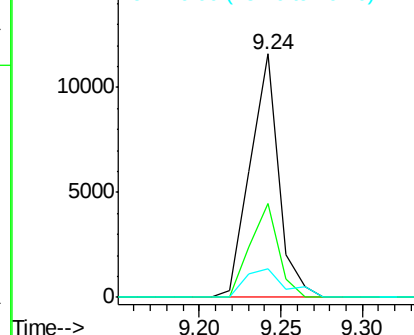
Tot Ion:	154	Resp:	14032
Ion Ratio	Lower	Upper	
154	100		
153	38.3	20.8	60.8
76	11.8	0.0	36.7

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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): BF0



#46

2-Chloronaphthalene

Concen: 0.88 ng

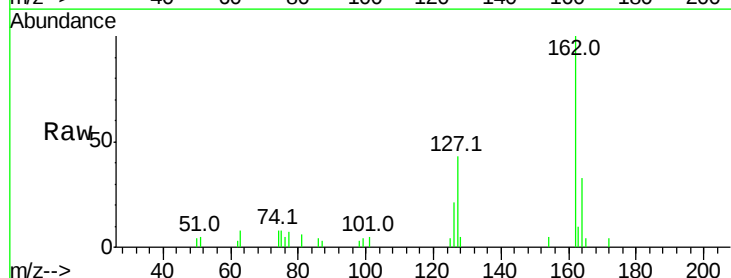
RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

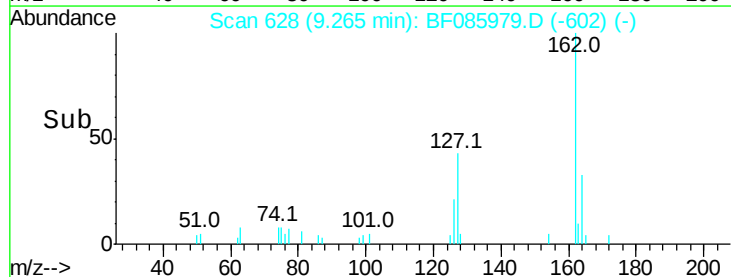
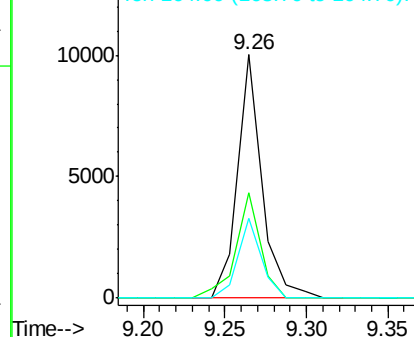
Lab File: BF085979.D

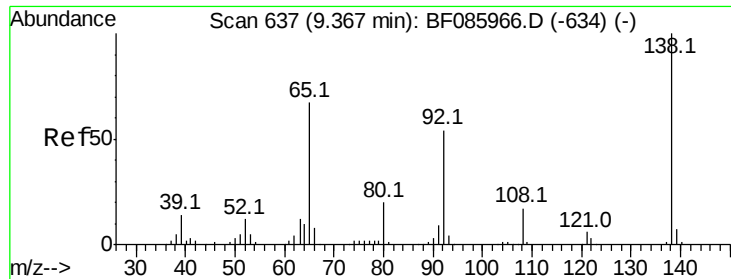
Acq: 1 Apr 2016 23:41

Tgt Ion:	162	Resp:	10286
Ion Ratio	Lower	Upper	
162	100		
127	43.3	31.7	47.5
164	32.7	27.3	40.9



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





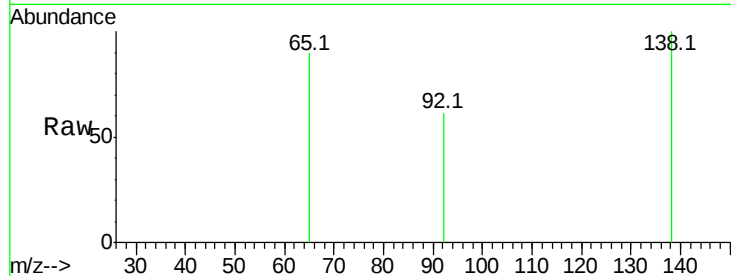
#47
2-Nitroaniline
Concen: 0.59 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.02 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

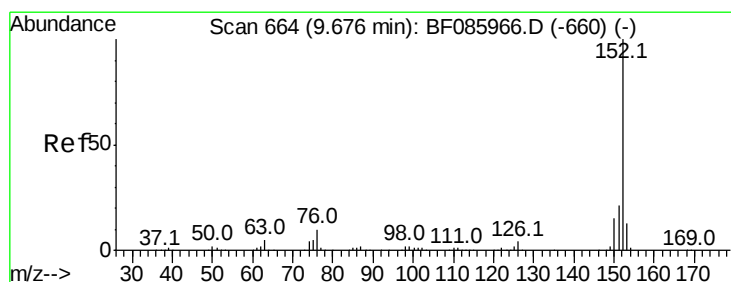
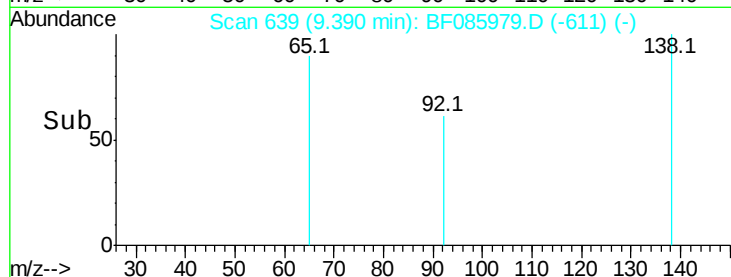
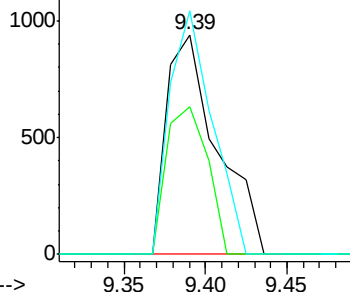
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	59.7	89.5
138	110.7	91.4	137.0

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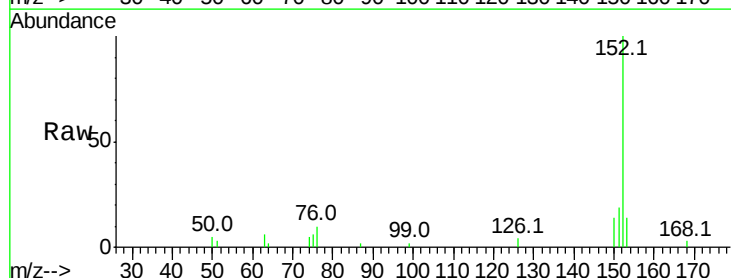


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

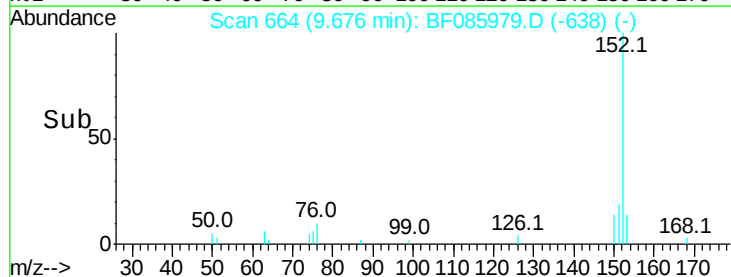
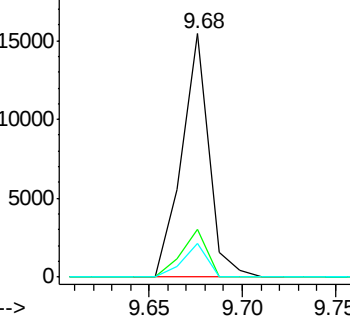


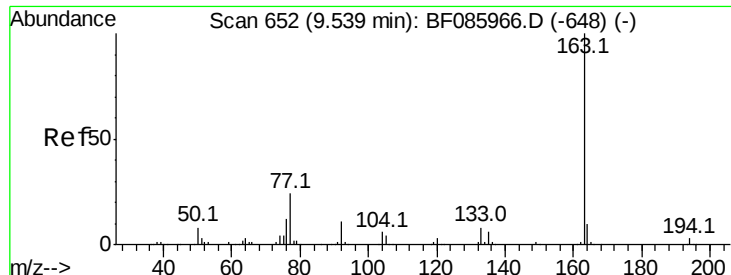
#48
Acenaphthylene
Concen: 0.84 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	13.6	10.9	16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





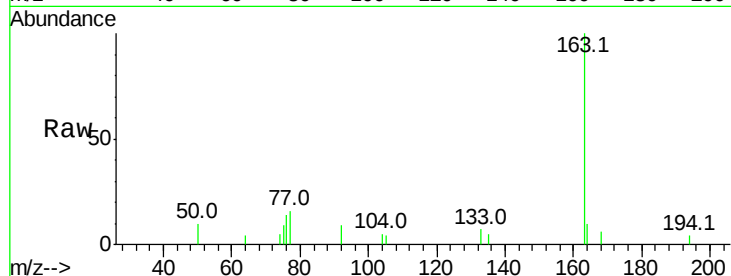
#49
Dimethylphthalate
Concen: 0.78 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

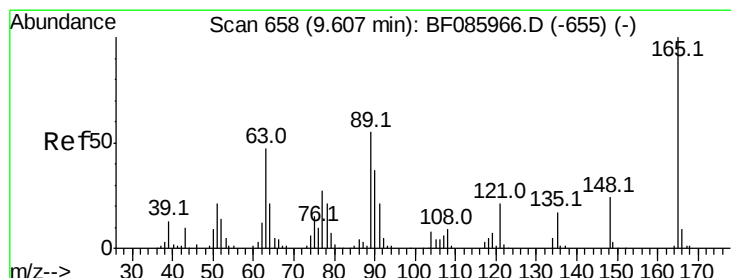
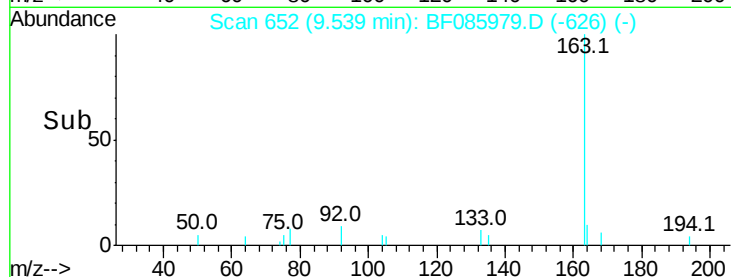
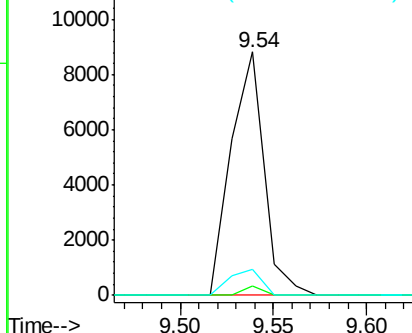
Tot Ion:	163	Resp:	10929
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	10.5	8.3	12.5

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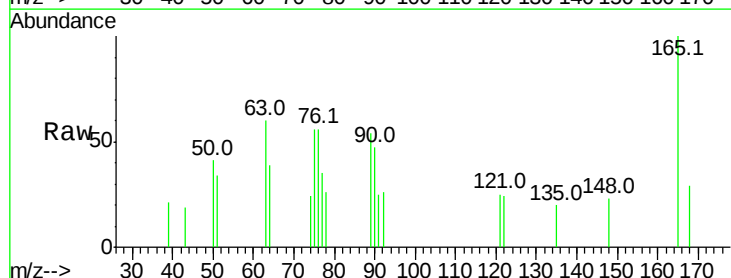


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

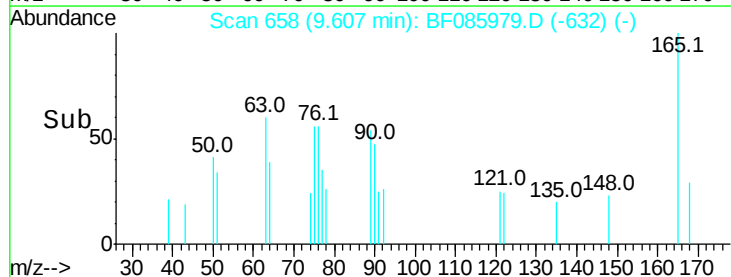
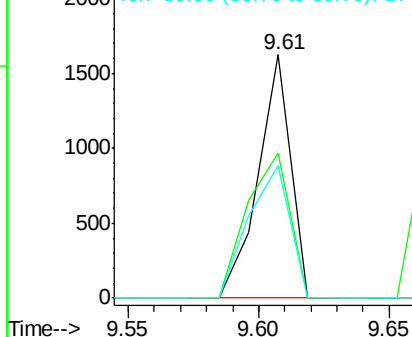


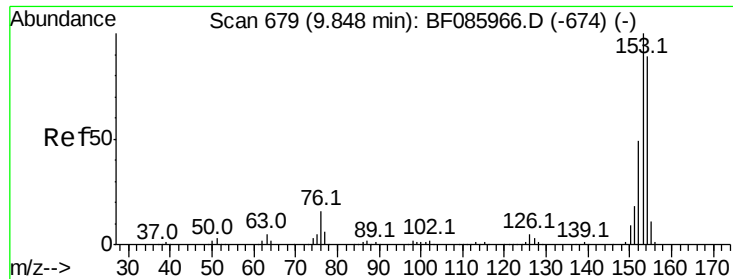
#50
2,6-Dinitrotoluene
Concen: 0.48 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion:	165	Resp:	1418
Ion Ratio	Lower	Upper	
165	100		
63	59.7	51.8	77.8
89	54.4	53.7	80.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





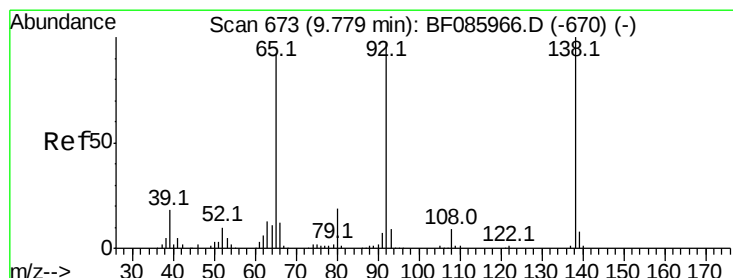
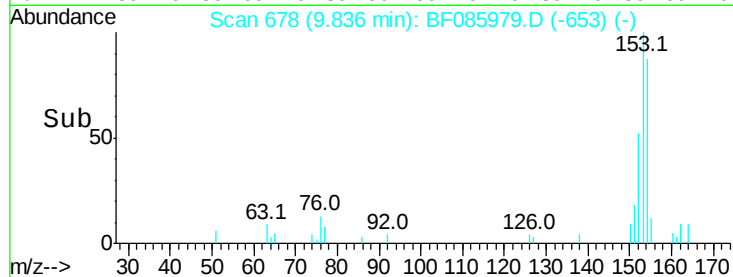
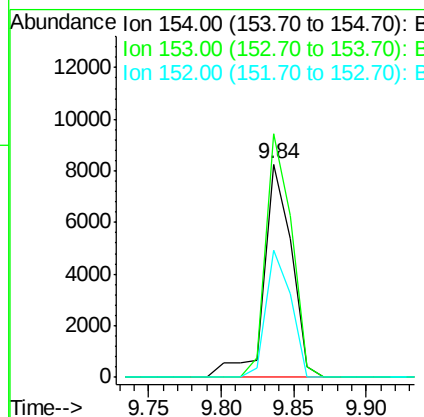
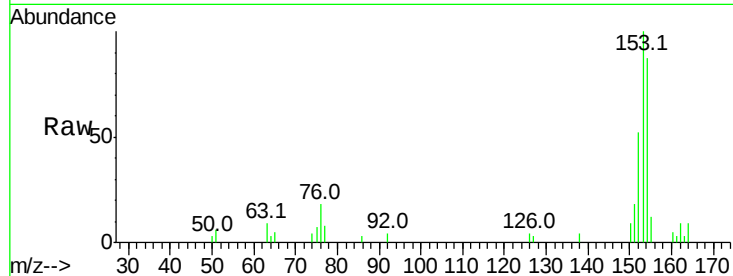
#51
Acenaphthene
Concen: 0.97 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.1	135.1
152	59.5	44.2	66.2

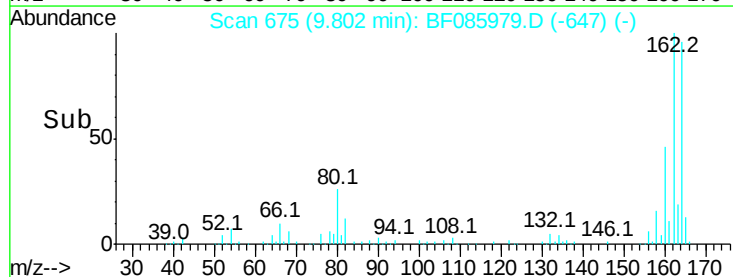
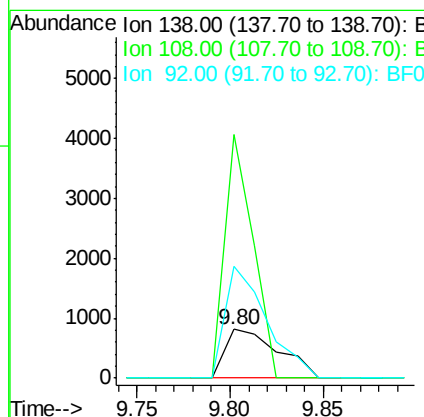
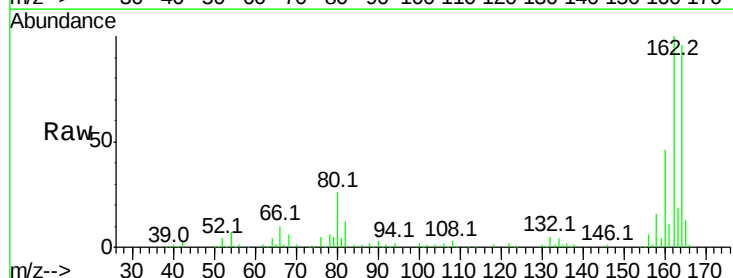
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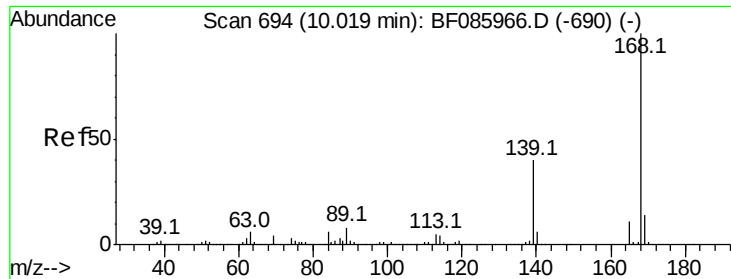
Sohil
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#52
3-Nitroaniline
Concen: 0.45 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.02 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
138	100		
108	500.5	8.7	13.1#
92	230.7	93.3	139.9#





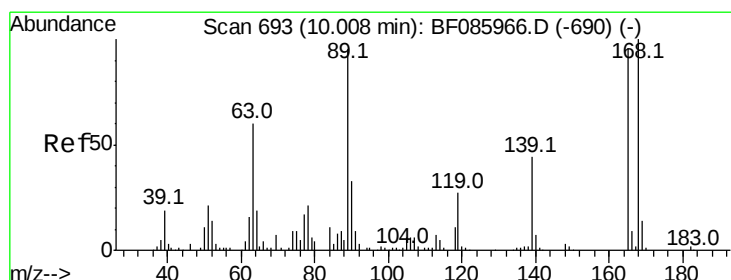
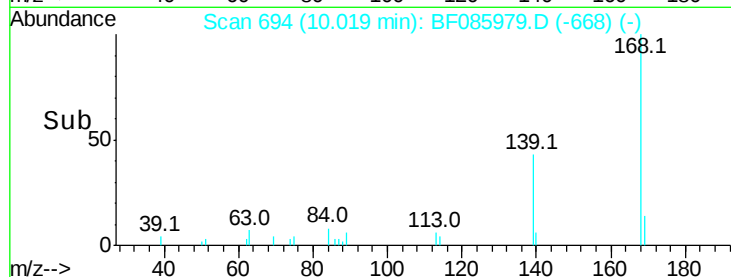
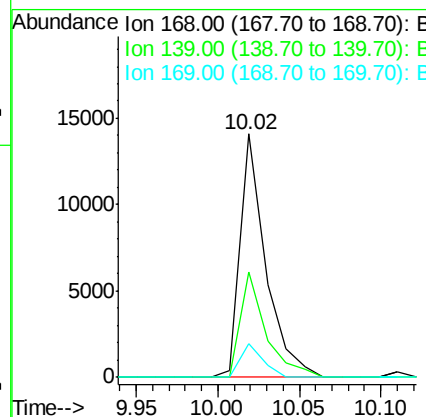
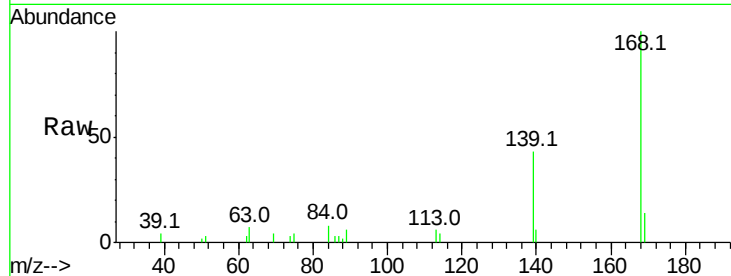
#54
Dibenzofuran
Concen: 1.02 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.2	31.9	47.9
169	13.8	11.0	16.6

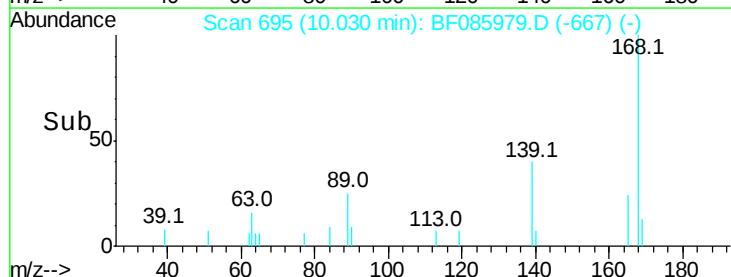
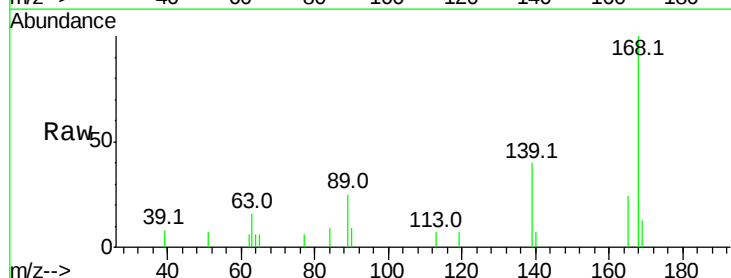
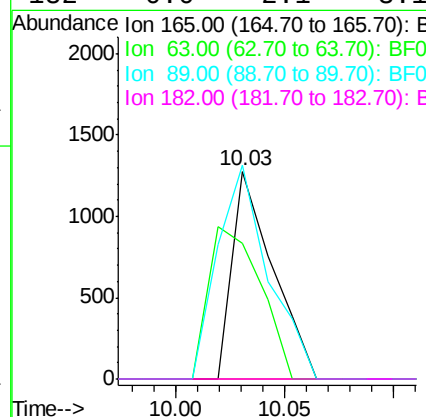
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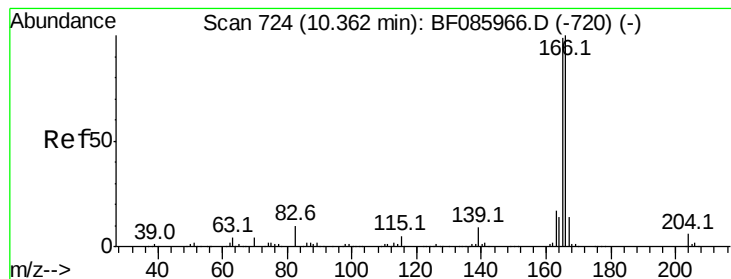
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#56
2,4-Dinitrotoluene
Concen: 0.45 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.02 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.3	24.9	37.3#
89	102.7	41.0	61.6#
182	0.0	2.1	3.1#





#57

Fluorene

Concen: 0.90 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085979.D

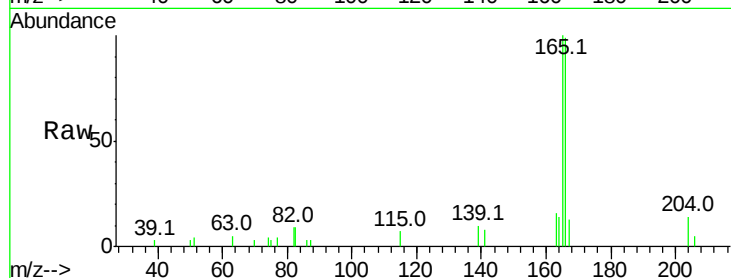
Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2016-01



Tot Ion:166 Resp: 11333

Ion Ratio Lower Upper

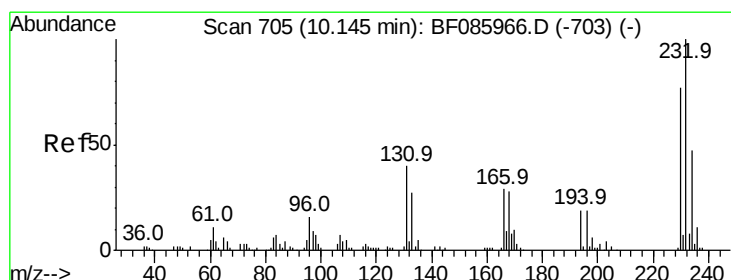
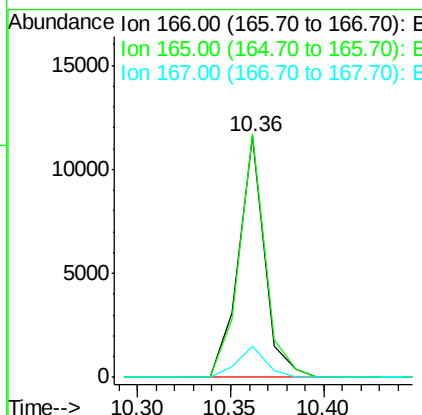
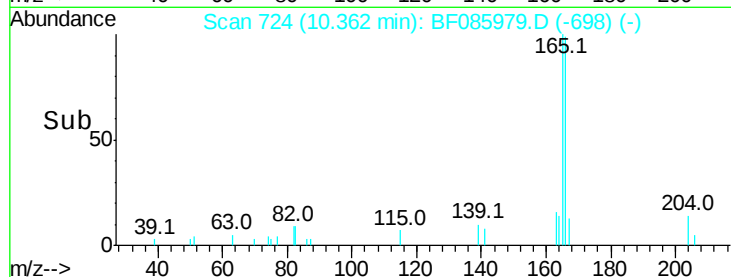
166 100

165 101.0 79.4 119.0

167 12.8 11.0 16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 0.57 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion:232 Resp: 1559

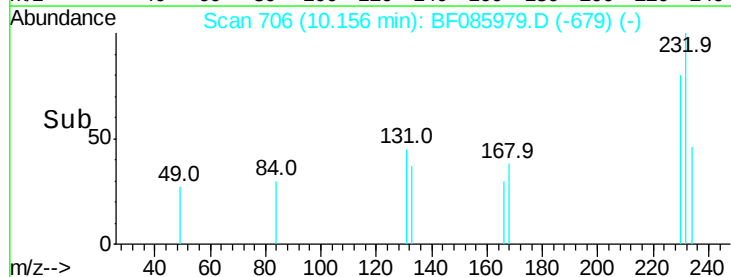
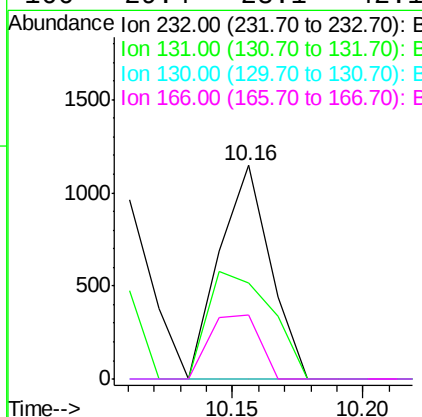
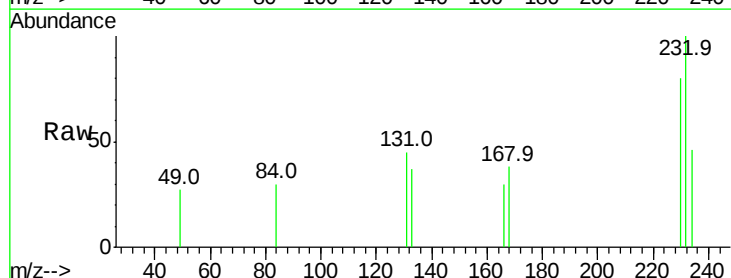
Ion Ratio Lower Upper

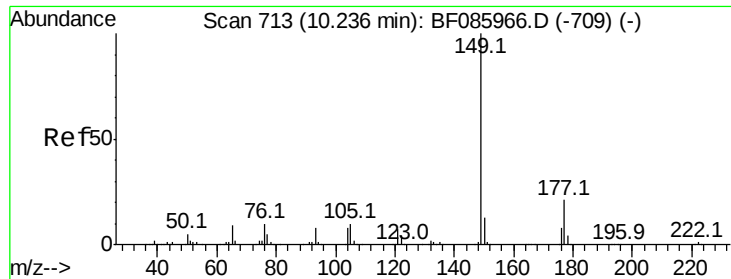
232 100

131 63.0 44.9 67.3

130 0.0 2.3 3.5#

166 29.4 28.1 42.1





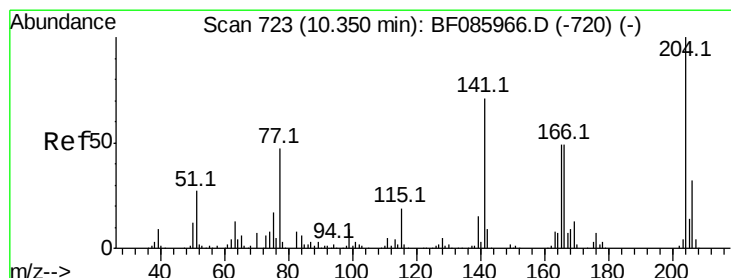
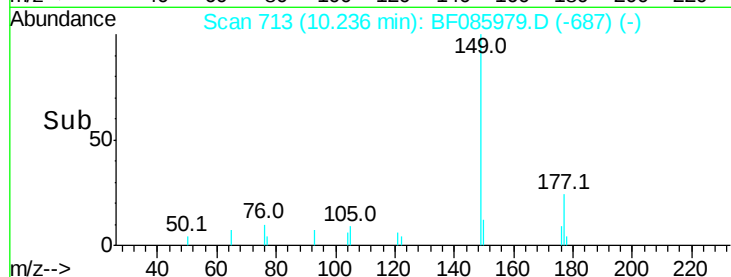
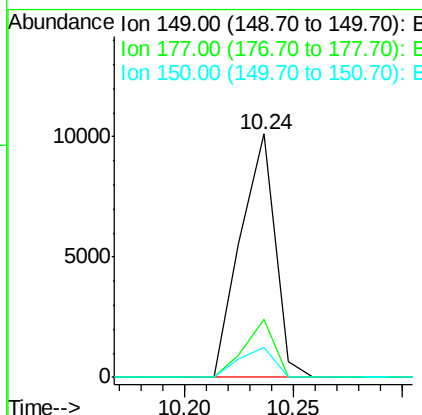
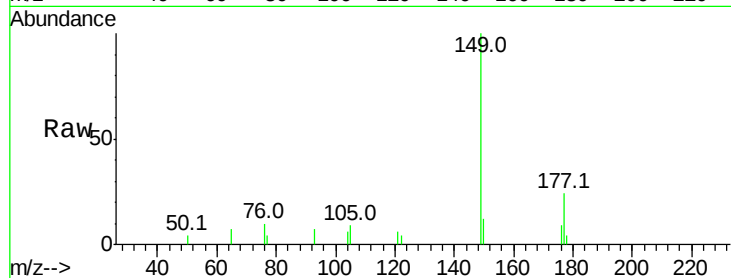
#59
Diethylphthalate
Concen: 0.80 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
149	100	11200		
177	24.0		17.9	26.9
150	12.3		10.2	15.2

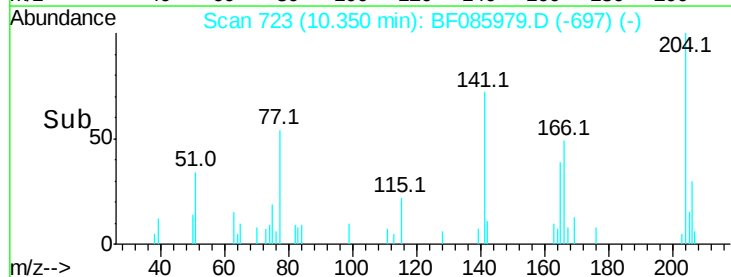
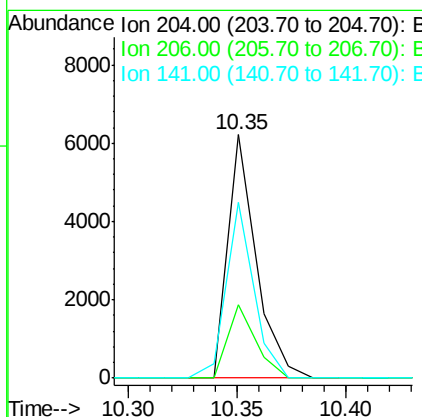
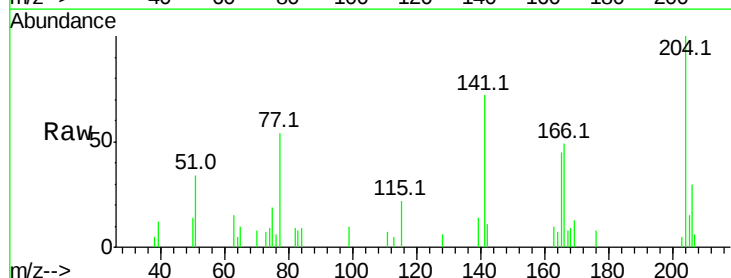
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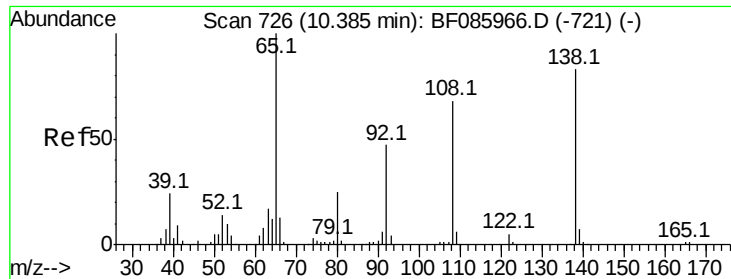
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#60
4-Chlorophenyl-phenylether
Concen: 0.95 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	5605		
206	30.0		26.6	39.8
141	72.2		57.4	86.0





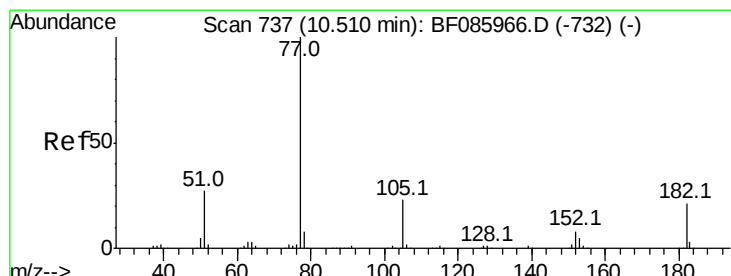
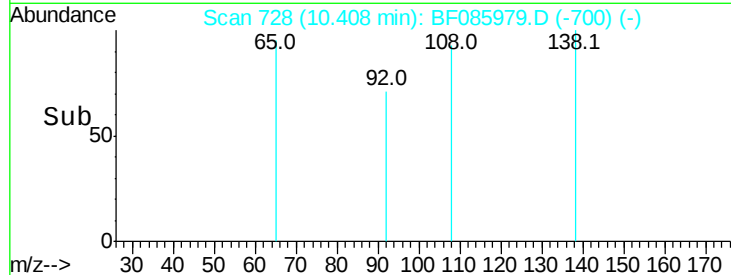
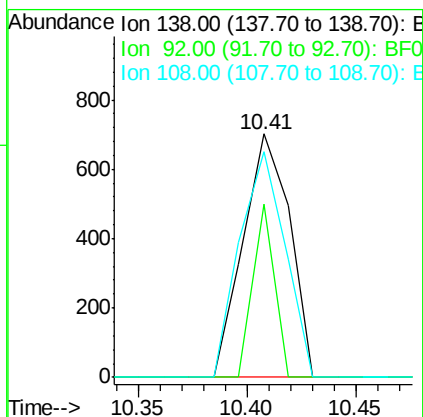
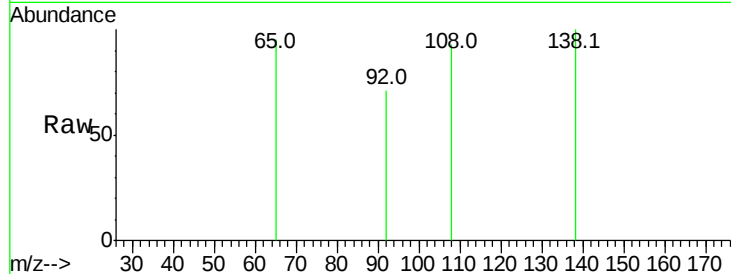
#61
4-Nitroaniline
Concen: 0.30 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.02 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
138	100		
92	71.4	26.4	66.4#
108	92.6	49.0	89.0#

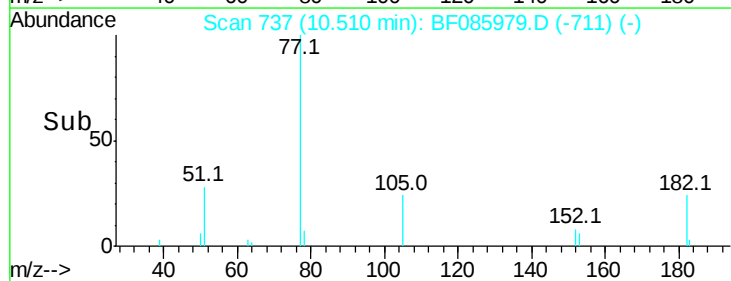
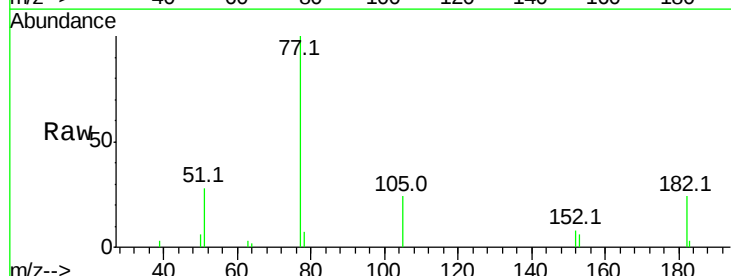
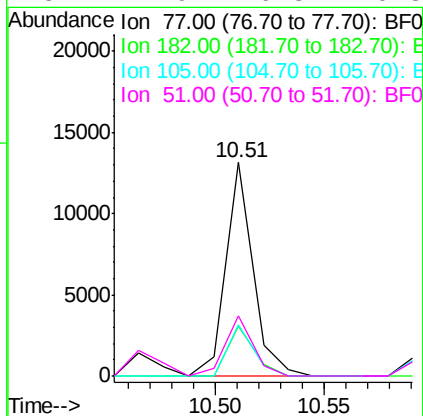
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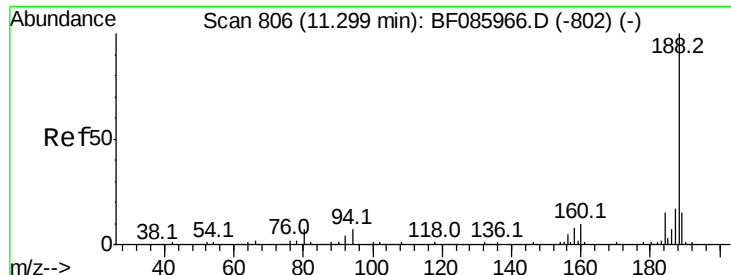
Sohil
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#62
Azobenzene
Concen: 0.85 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	1.9	41.9
105	23.8	3.5	43.5
51	27.9	6.3	46.3





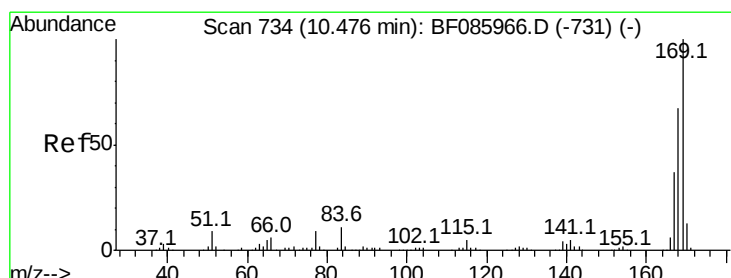
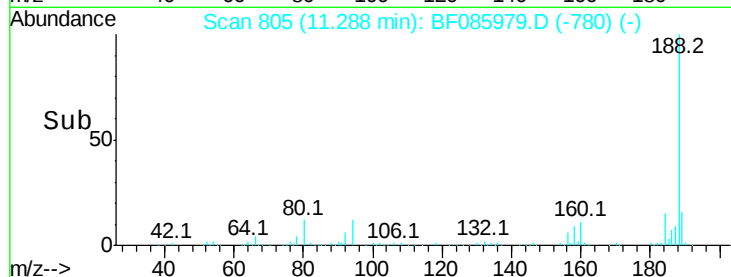
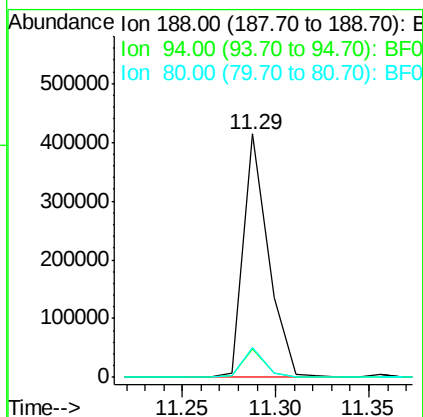
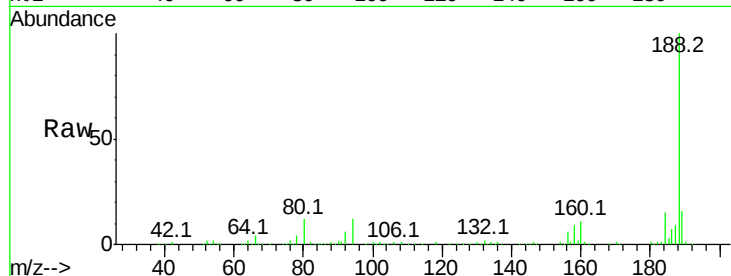
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.8	5.4	8.0#
80	12.4	5.5	8.3#

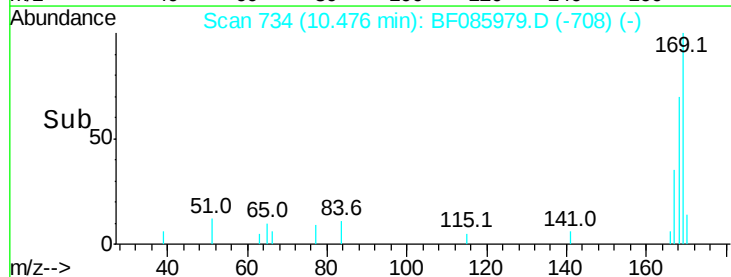
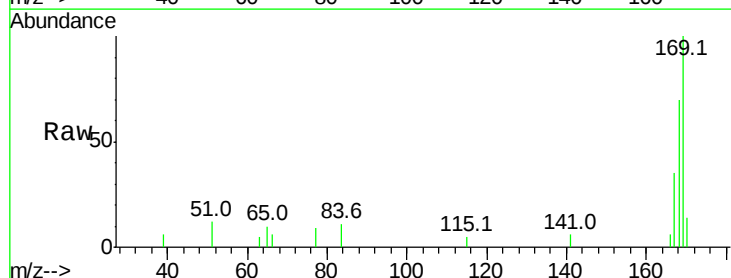
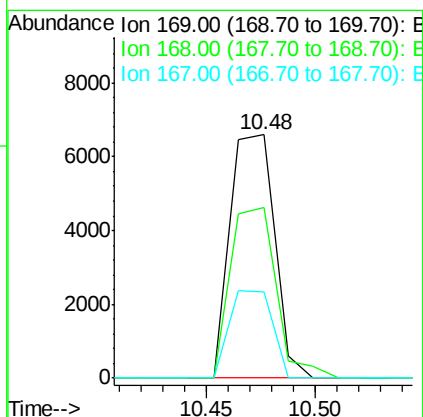
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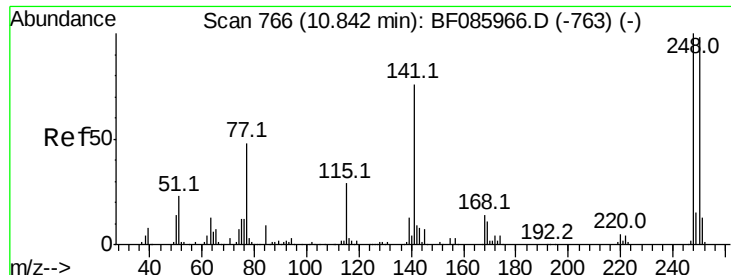
Sohil
 4/4/2016 7:38:47 PM



#65
 n-Nitrosodiphenylamine
 Concen: 0.77 ng
 RT: 10.48 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	69.9	54.4	81.6
167	35.3	29.4	44.0





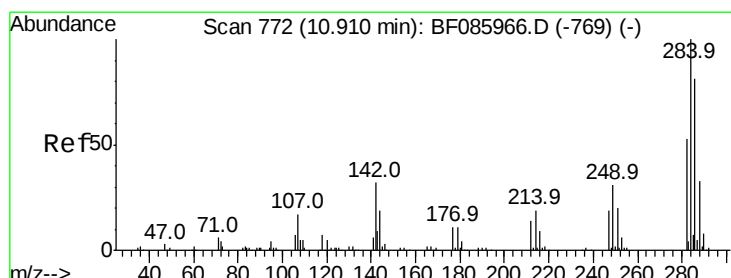
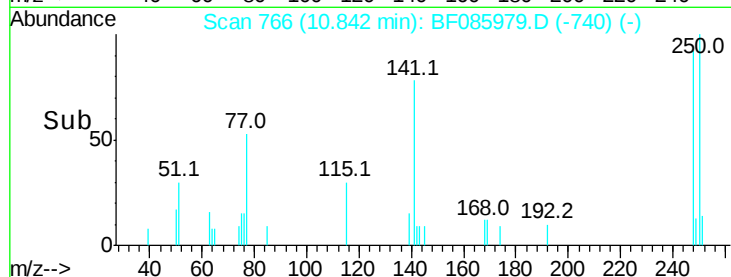
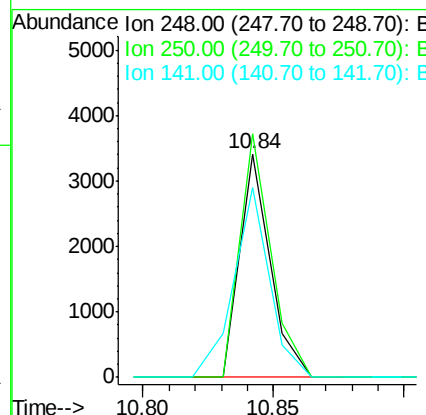
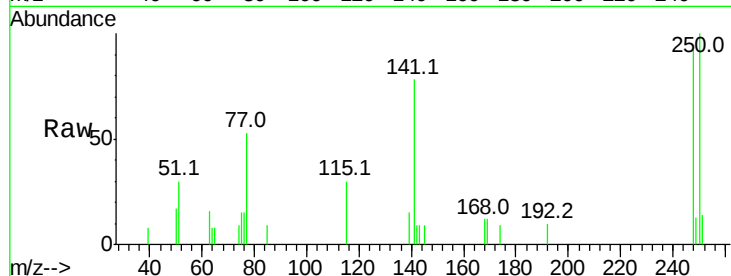
#66
 4-Bromophenyl-phenylether
 Concen: 0.71 ng
 RT: 10.84 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion:	248	Resp:	2804
Ion Ratio	Lower	Upper	
248	100		
250	109.1	77.4	116.0
141	85.0	63.6	95.4

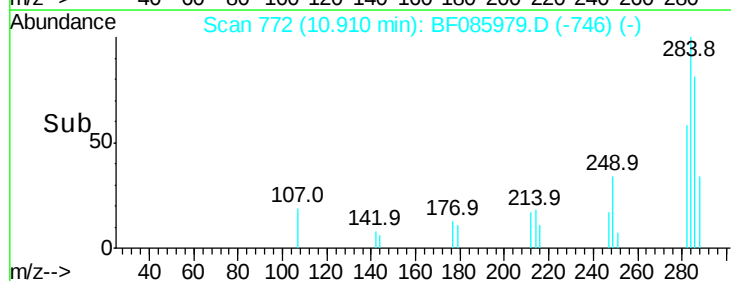
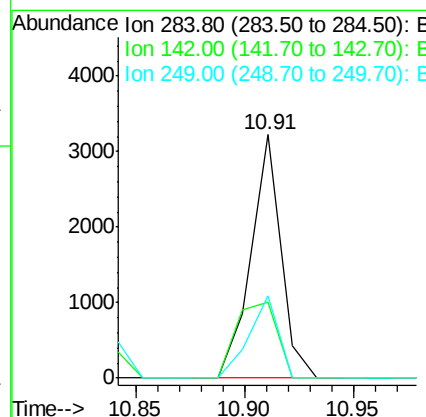
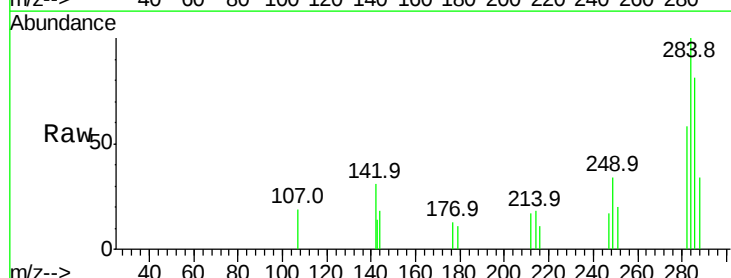
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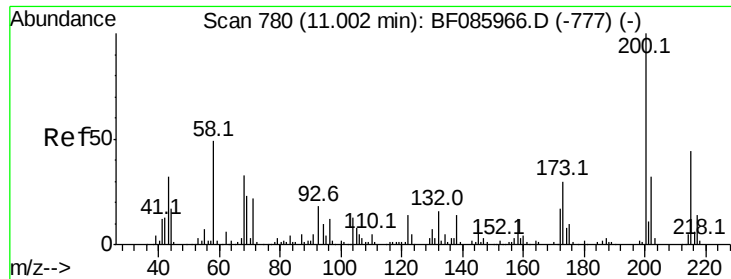
Sohil
 4/4/2016 7:38:47 PM



#67
 Hexachlorobenzene
 Concen: 0.75 ng
 RT: 10.91 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Tgt Ion:	284	Resp:	3091
Ion Ratio	Lower	Upper	
284	100		
142	31.3	23.1	34.7
249	33.7	24.2	36.2





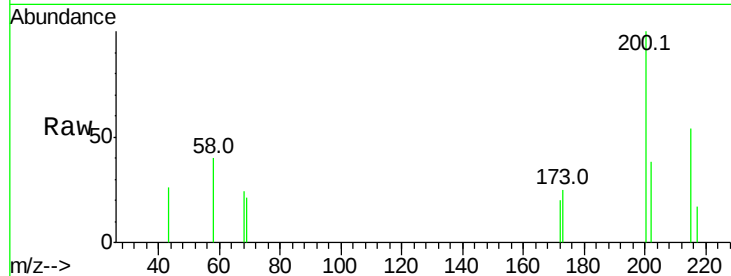
#68
Atrazine
Concen: 0.64 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

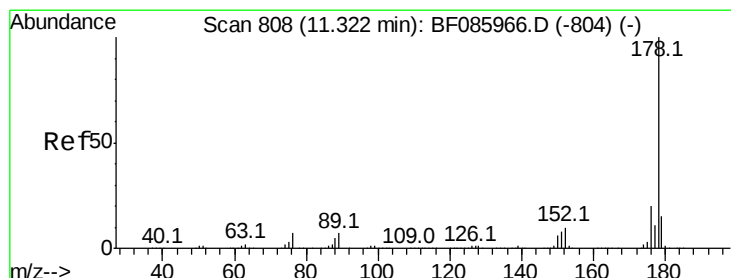
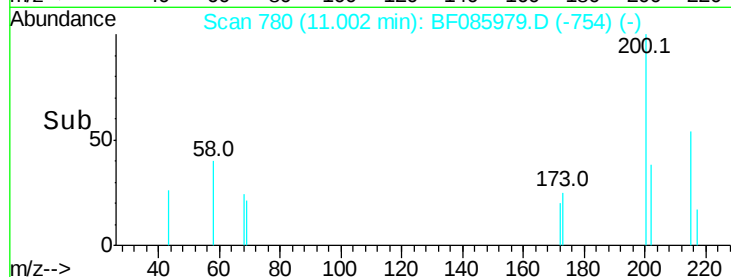
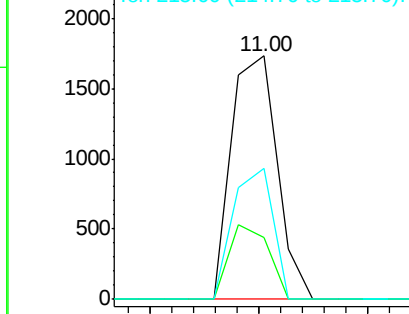
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.7	47.7
215	53.9	25.4	65.4

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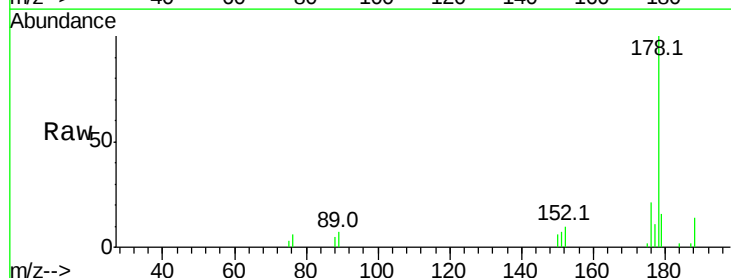


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

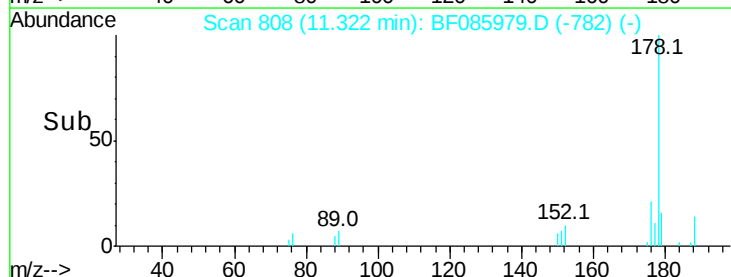
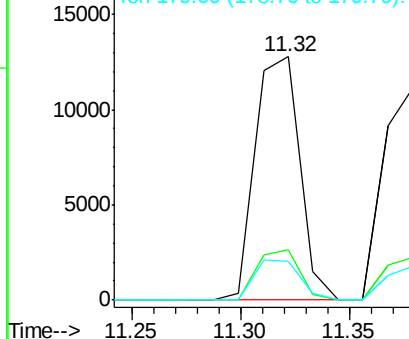


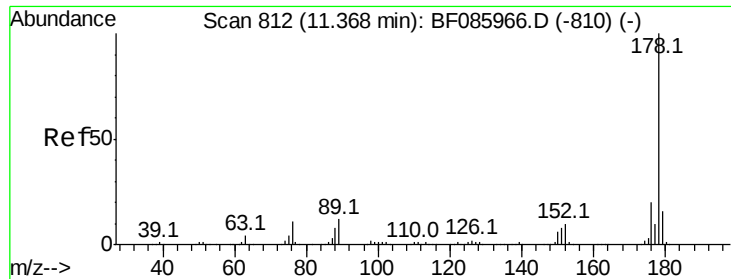
#70
Phenanthrene
Concen: 0.86 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.3	24.5
179	15.7	12.6	18.8



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





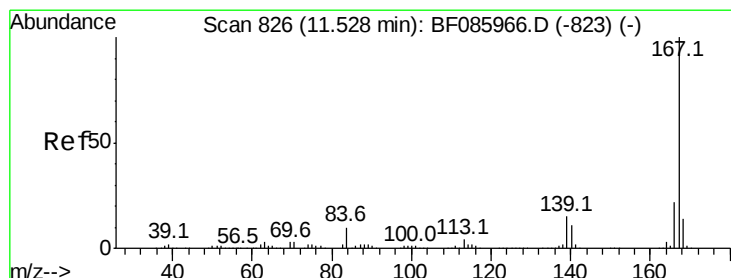
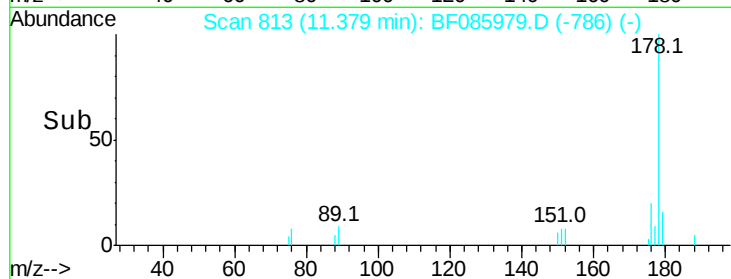
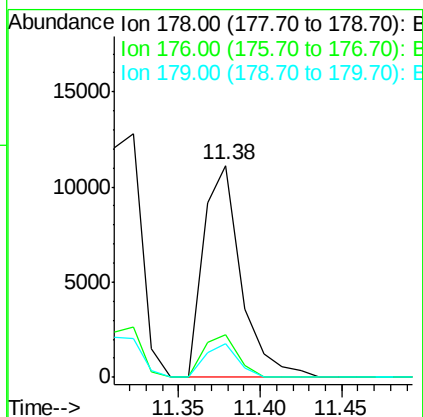
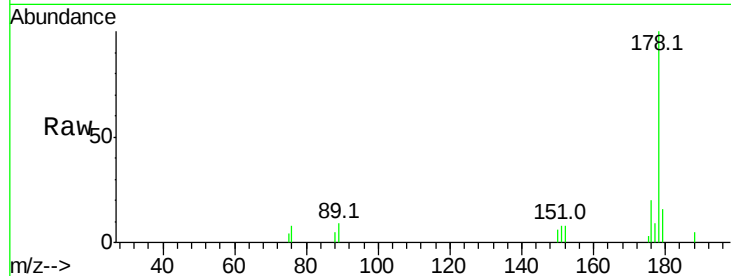
#71
 Anthracene
 Concen: 0.80 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.8	13.0	19.4

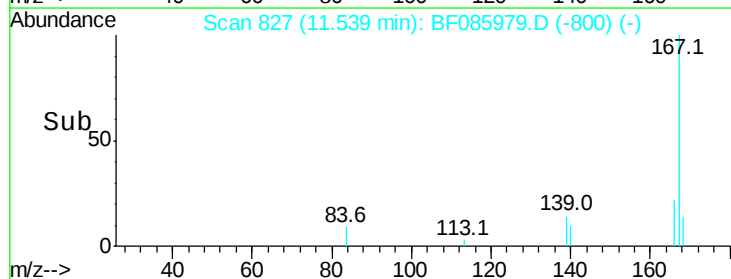
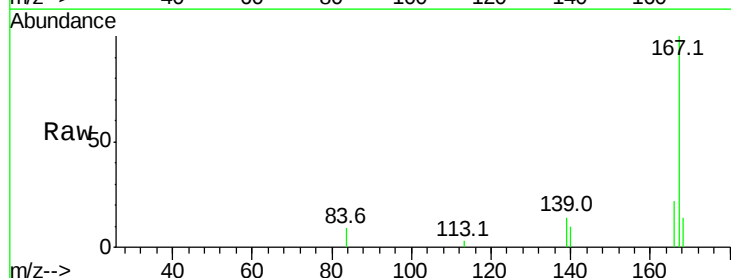
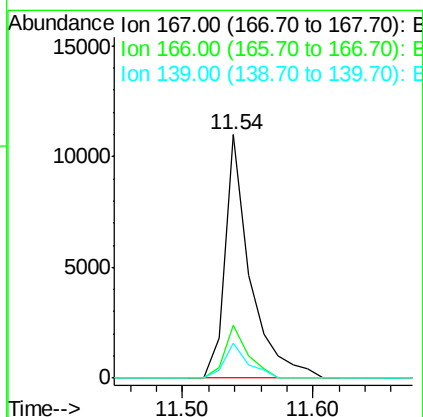
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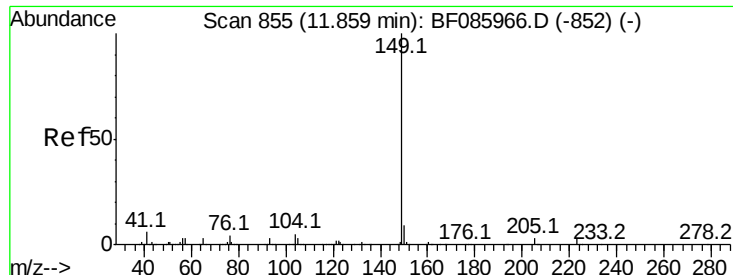
Sohil
 4/4/2016 7:38:47 PM



#72
 Carbazole
 Concen: 0.77 ng
 RT: 11.54 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	14.2	11.6	17.4





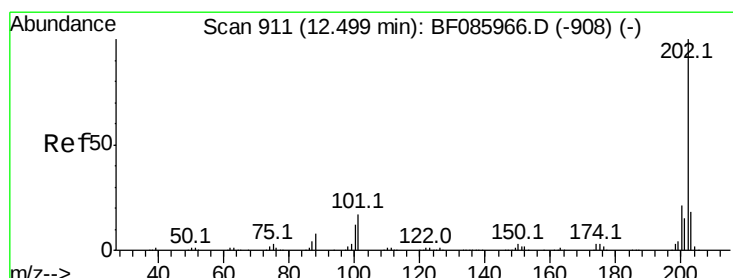
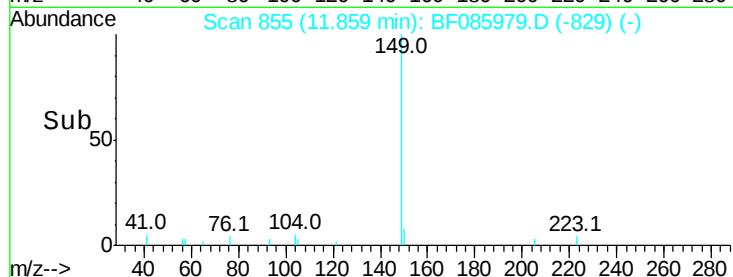
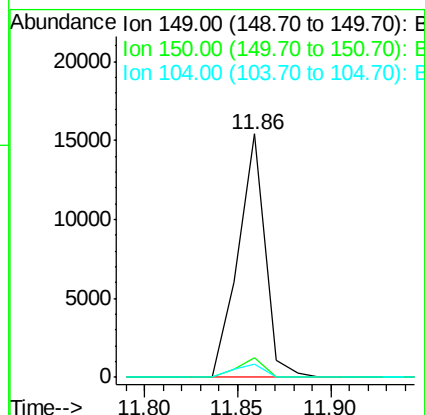
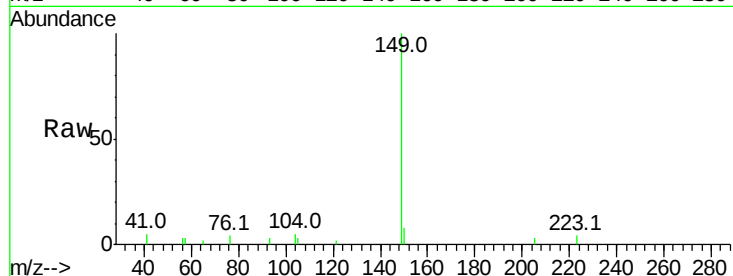
#73
Di-n-butylphthalate
Concen: 0.66 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	7.8	7.6	11.4	
104	5.4	3.8	5.8	

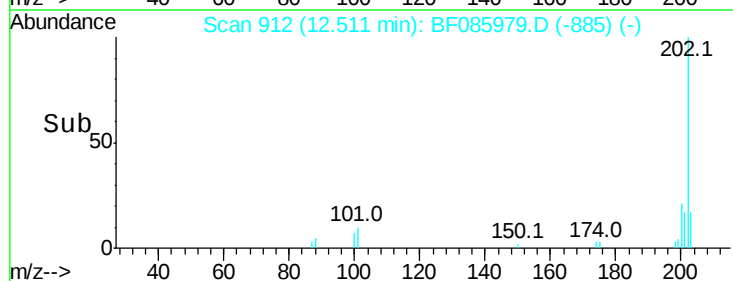
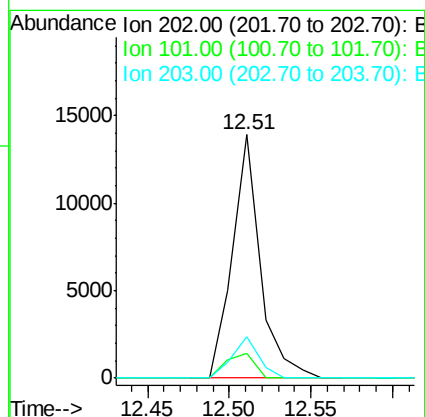
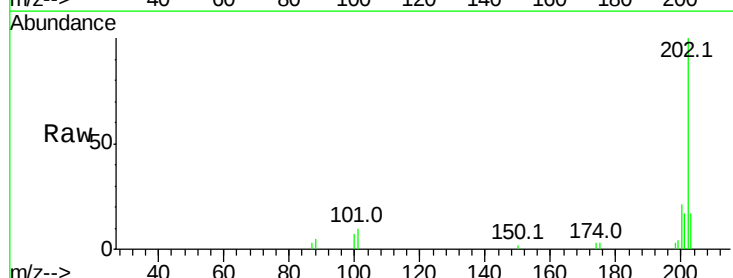
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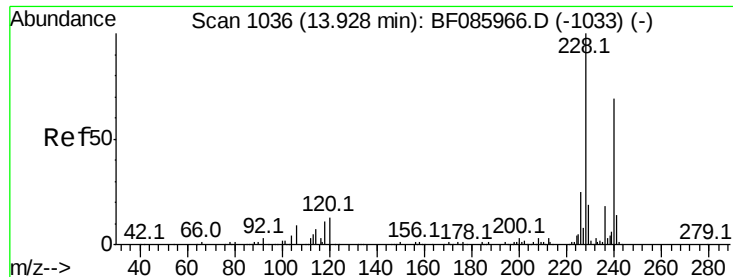
Sohil
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#74
Fluoranthene
Concen: 0.74 ng
RT: 12.51 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.2	0.0	36.6	
203	16.9	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

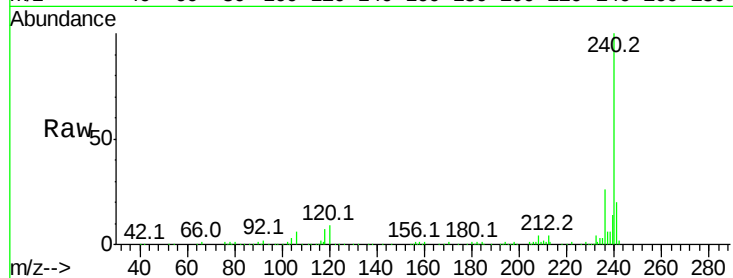
ClientSampleId :

LOD-SOIL2016-01

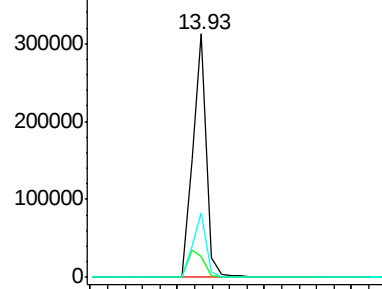
Tot Ion:	240	Resp:	343299
Ion Ratio	Lower	Upper	
240	100		
120	8.8	13.8	20.8#
236	26.4	20.6	30.8

Manual Integrations
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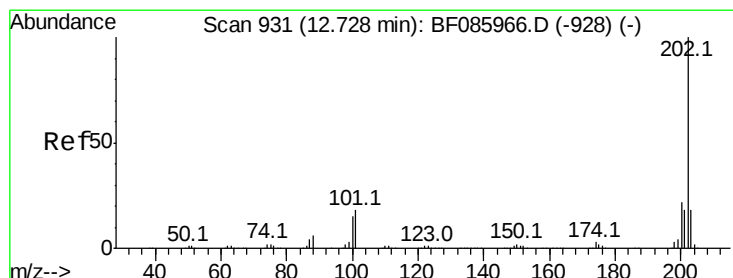
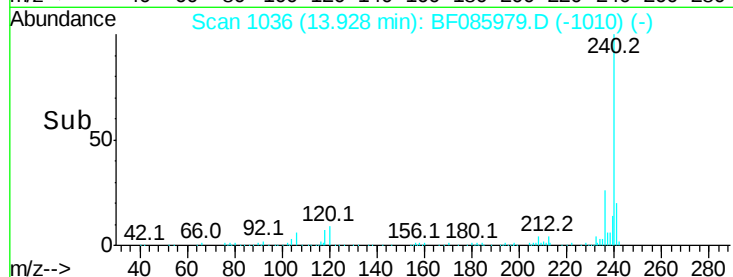
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.80 13.90 14.00 14.10



#77

Pyrene

Concen: 0.73 ng

RT: 12.74 min Scan# 932

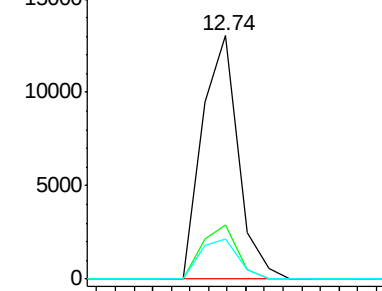
Delta R.T. 0.01 min

Lab File: BF085979.D

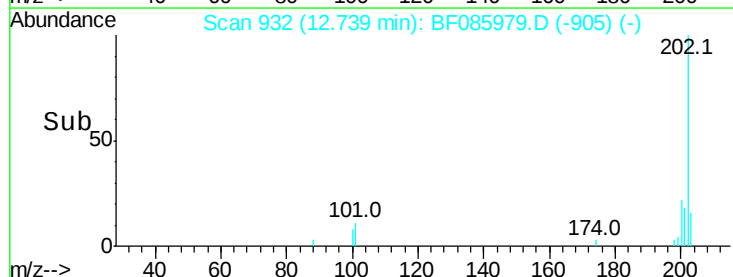
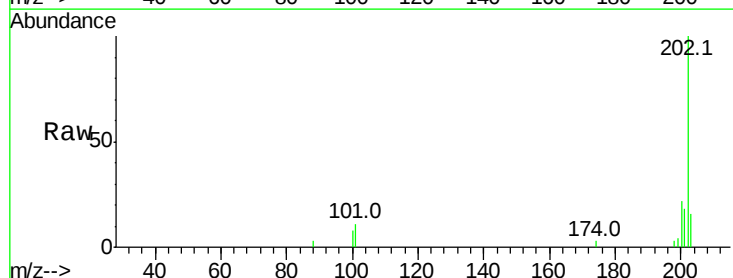
Acq: 1 Apr 2016 23:41

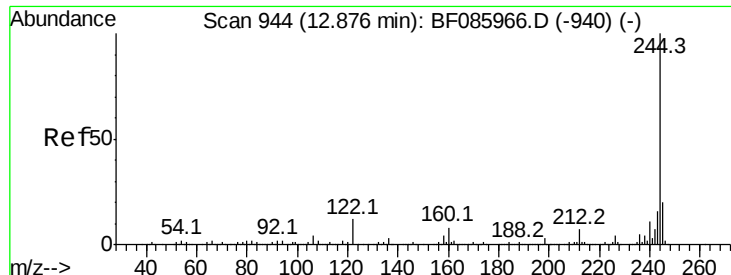
Tgt Ion:	202	Resp:	17557
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.6	26.4
203	16.4	14.0	21.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.70 12.75 12.80





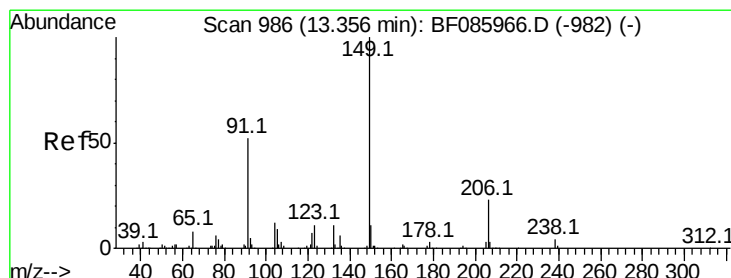
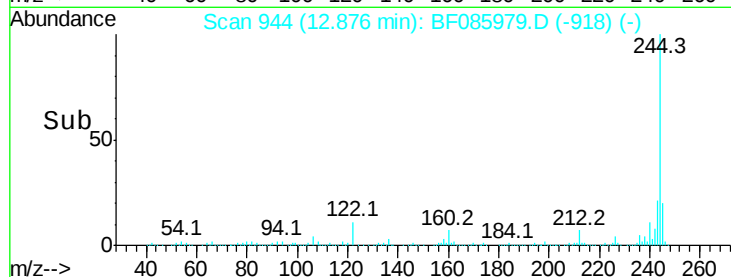
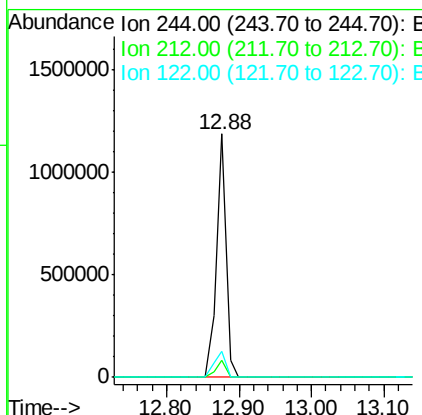
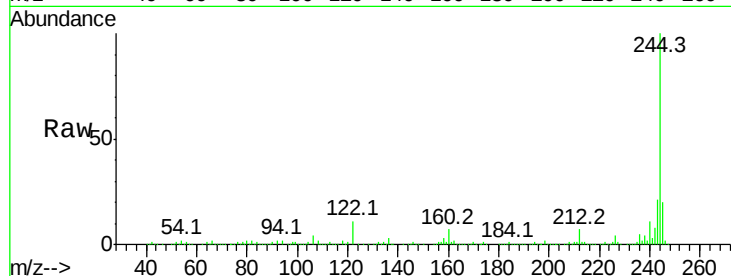
#78
 Terphenyl-d14
 Concen: 74.55 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.9	10.2	15.4

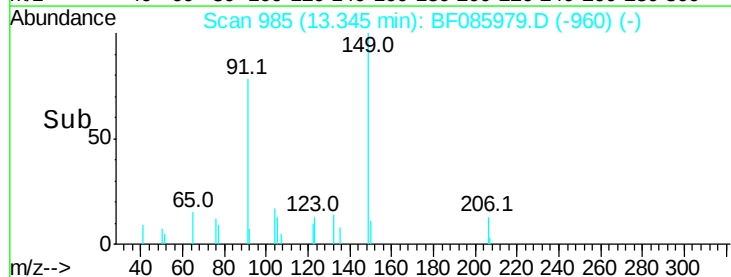
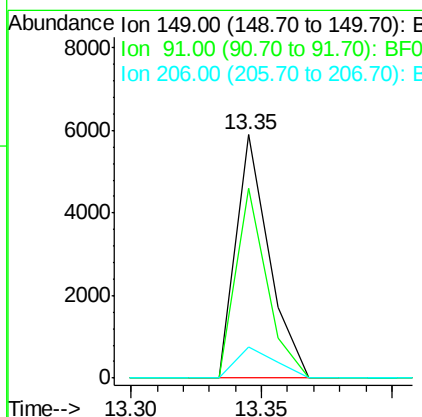
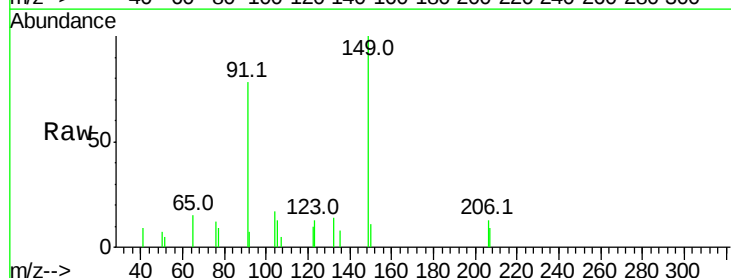
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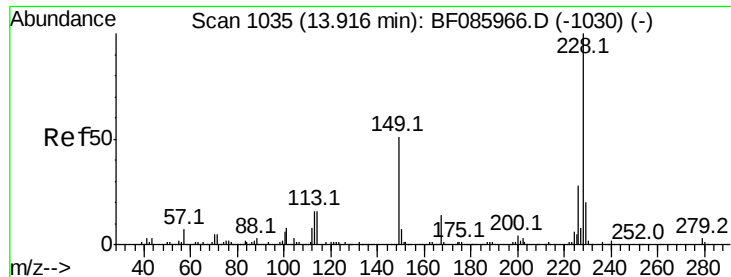
Sohil
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#79
 Butylbenzylphthalate
 Concen: 0.48 ng
 RT: 13.35 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF085979.D
 Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.9	45.8	68.8#
206	13.0	17.8	26.8#





#80

Benzo(a)anthracene

Concen: 0.84 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

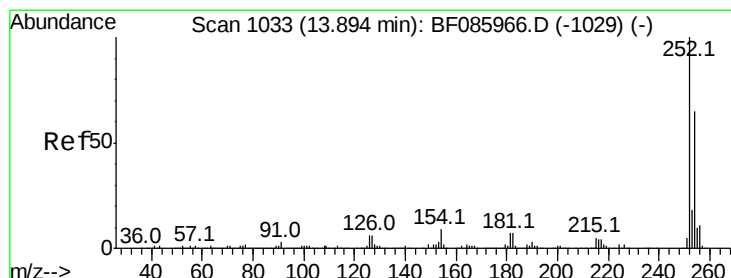
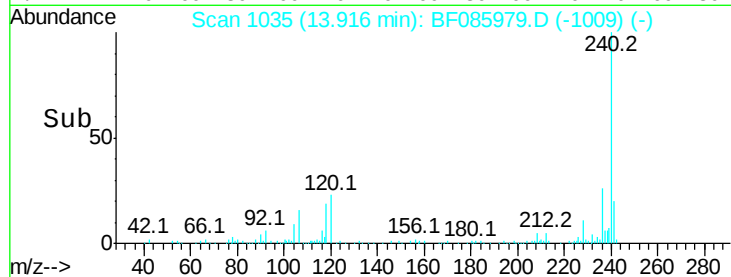
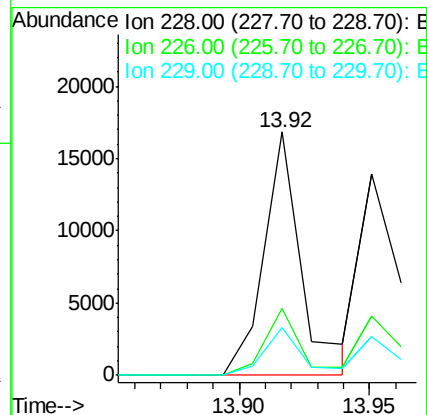
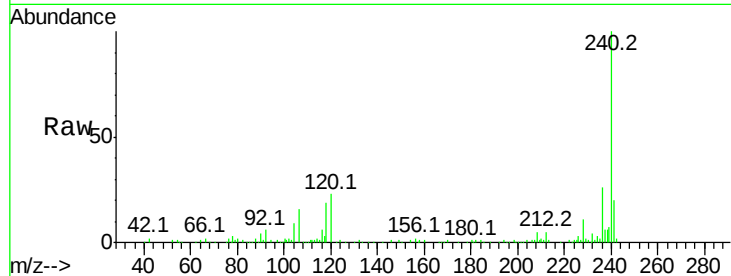
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	228	Resp:	16934
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.1	33.1
229	19.6	16.2	24.4

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#81

3,3'-Dichlorobenzidine

Concen: 0.15 ng

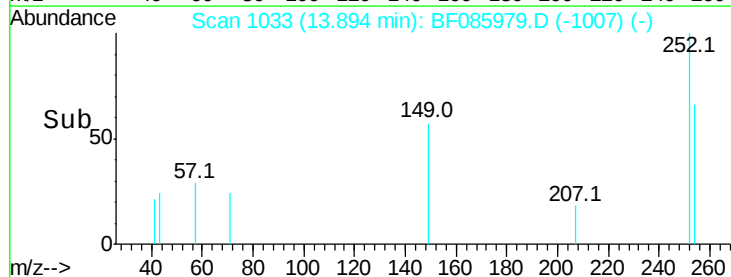
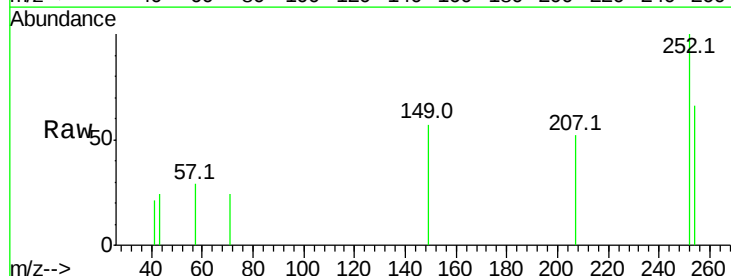
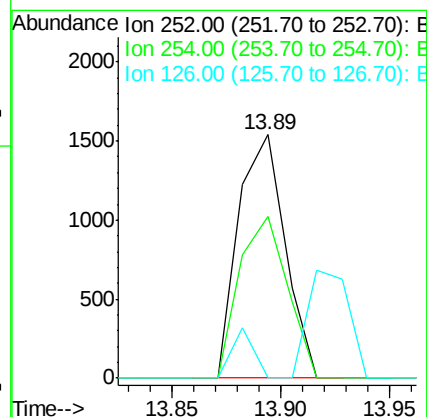
RT: 13.89 min Scan# 1033

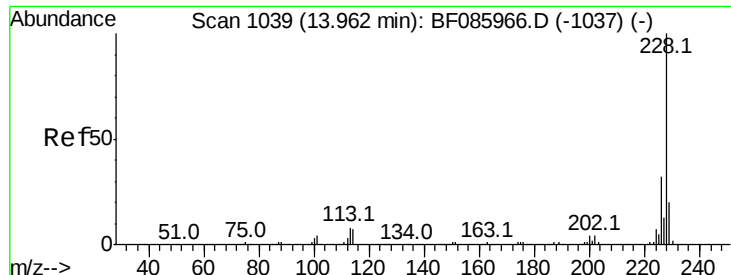
Delta R.T. 0.00 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion:	252	Resp:	2288
Ion Ratio	Lower	Upper	
252	100		
254	66.3	50.7	76.1
126	0.0	11.8	17.6#





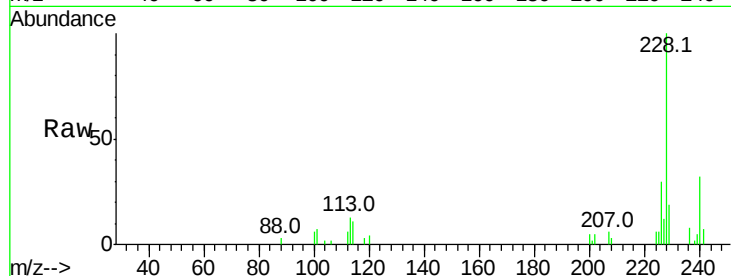
#82
Chrysene
Concen: 0.75 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

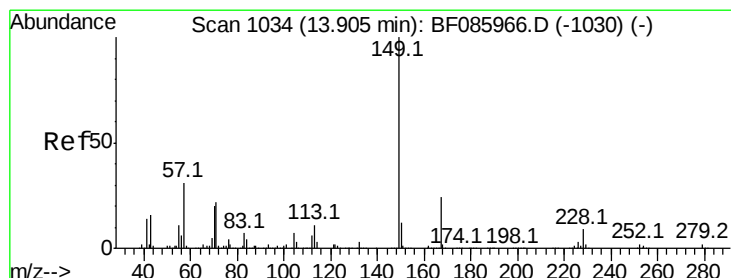
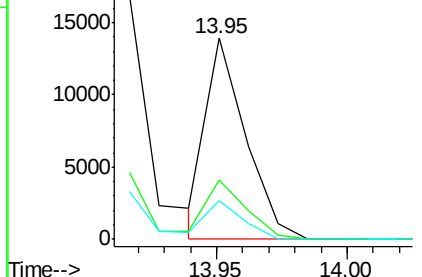
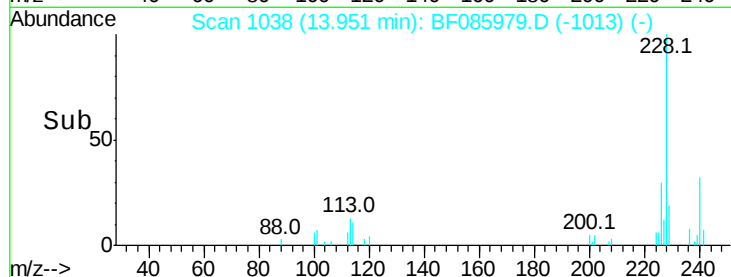
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.2	15.7	23.5

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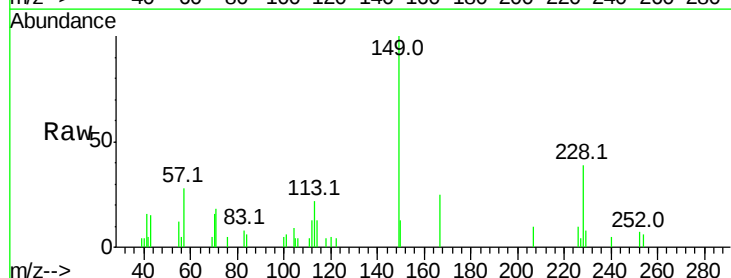


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

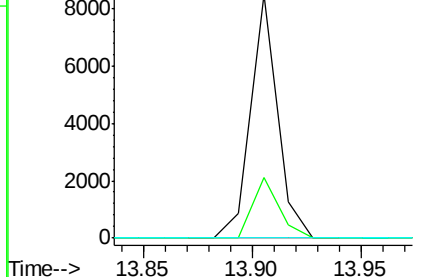
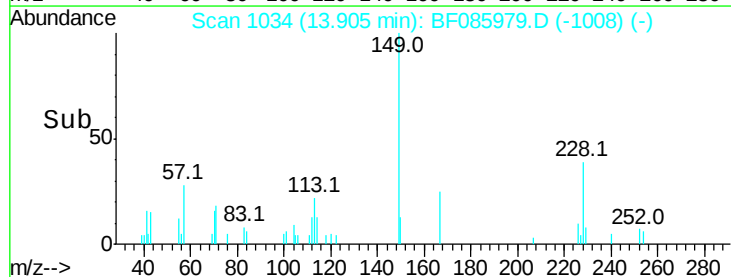


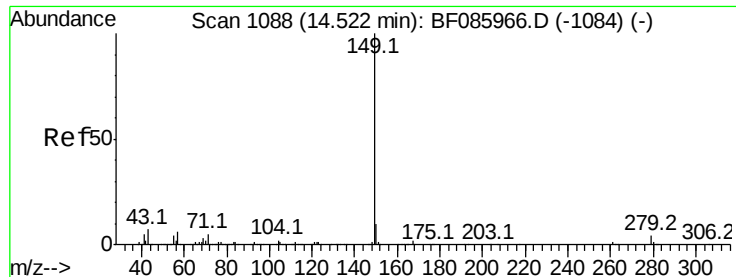
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.50 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.8	19.4	29.2
279	0.0	1.5	2.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.44 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Instrument :

BNA_F

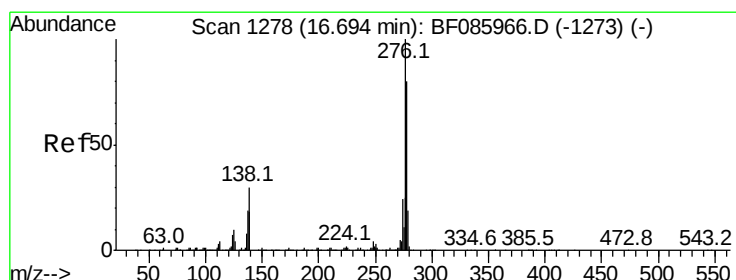
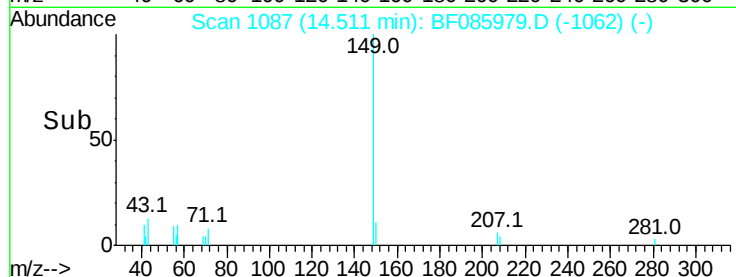
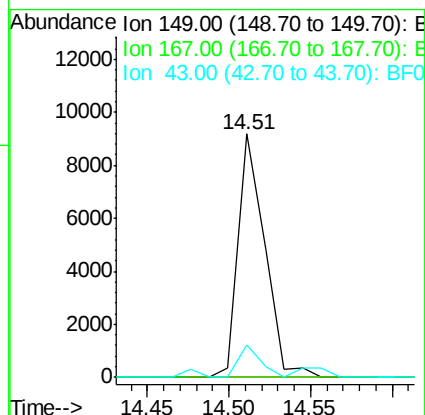
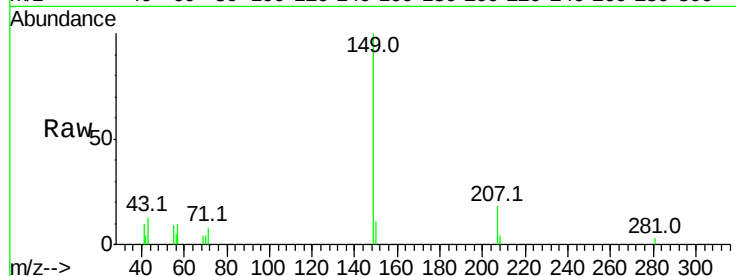
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	149	Resp:	10272
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.2	1.8#
43	13.1	7.1	10.7#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 0.65 ng

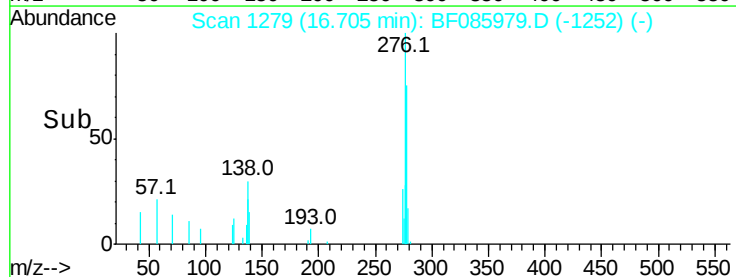
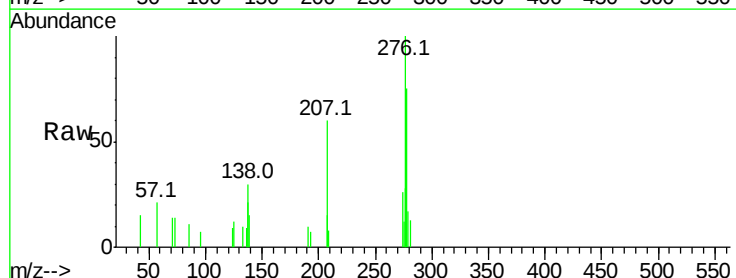
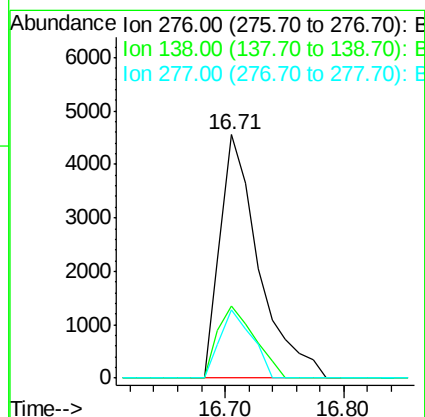
RT: 16.71 min Scan# 1279

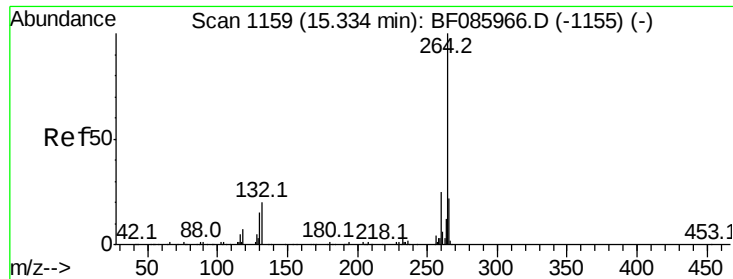
Delta R.T. 0.01 min

Lab File: BF085979.D

Acq: 1 Apr 2016 23:41

Tgt Ion:	276	Resp:	10324
Ion Ratio	Lower	Upper	
276	100		
138	28.0	24.2	36.4
277	23.1	20.0	30.0





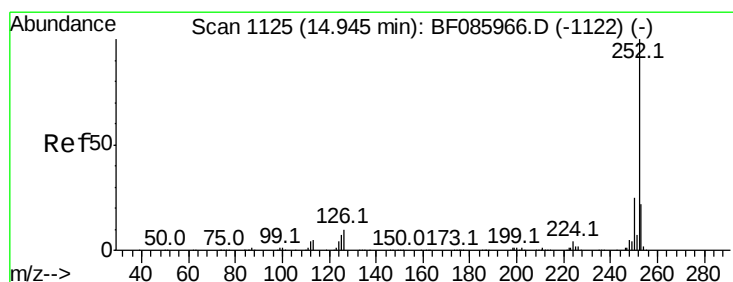
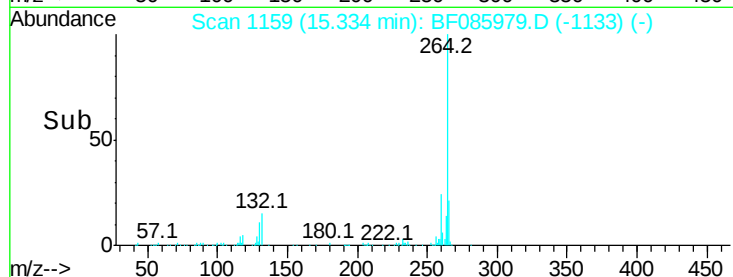
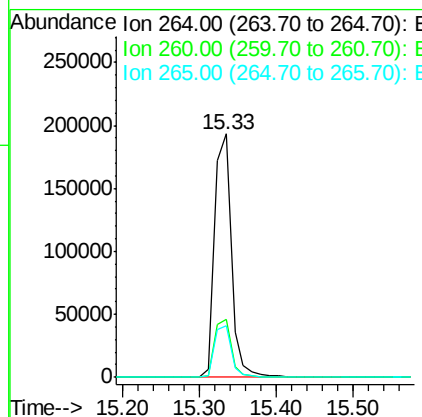
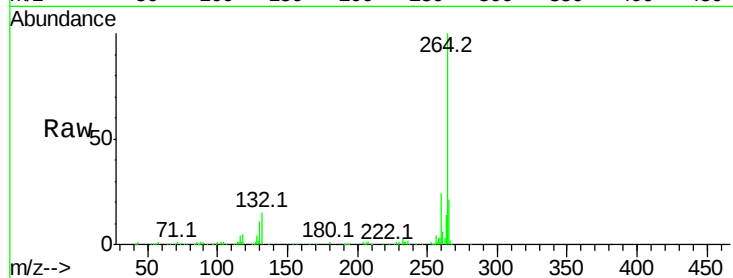
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
264	100	295413		
260	24.0		19.4	29.2
265	21.4		17.2	25.8

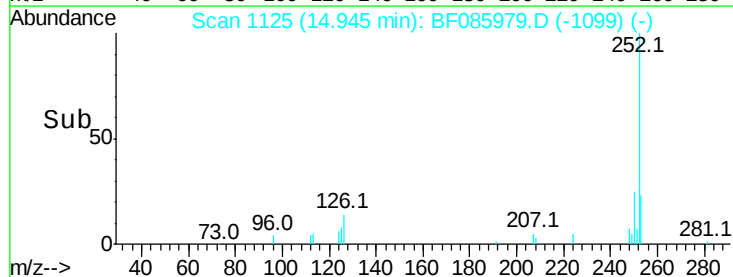
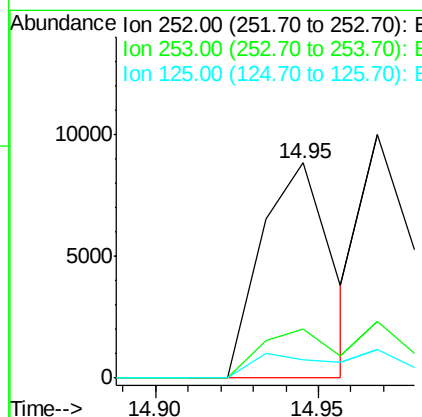
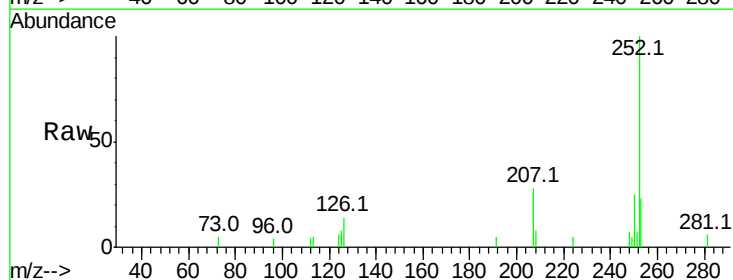
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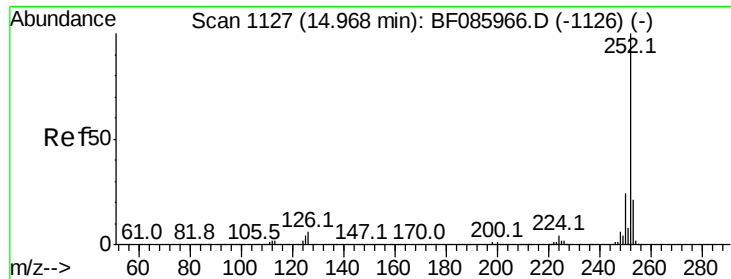
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#87
Benzo(b)fluoranthene
Concen: 0.71 ng
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	13142		
253	22.6		17.6	26.4
125	8.3		10.3	15.5#





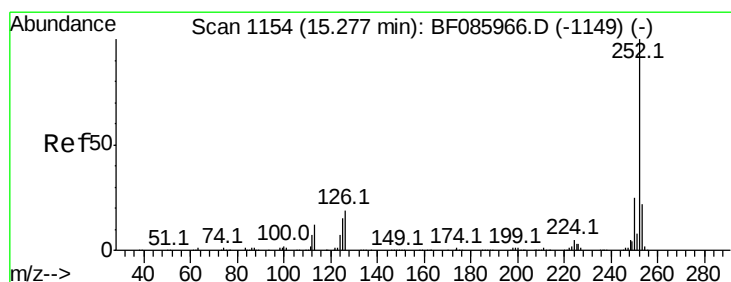
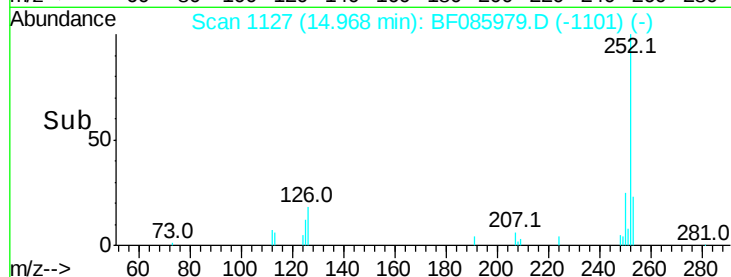
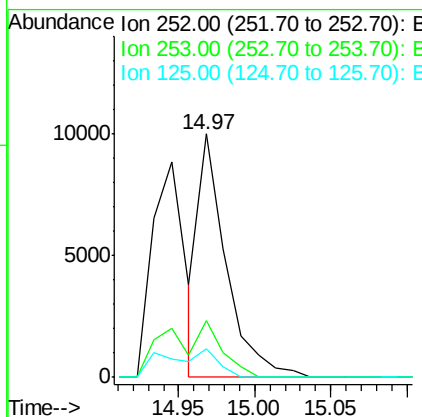
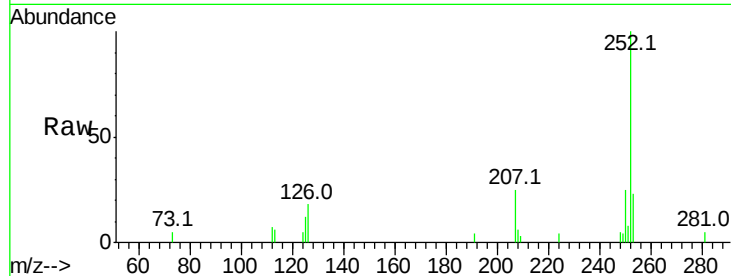
#88
Benzo(k)fluoranthene
Concen: 0.78 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	11.6	7.7	11.5#

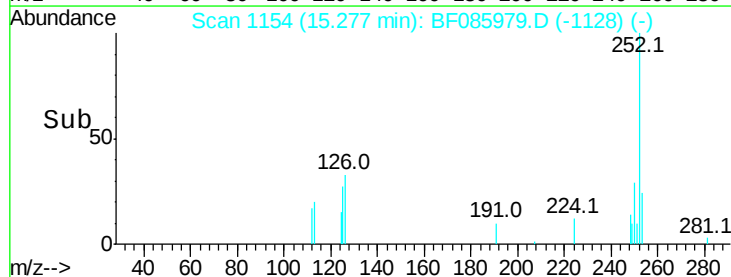
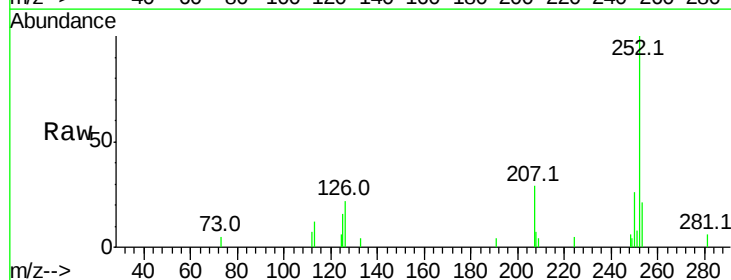
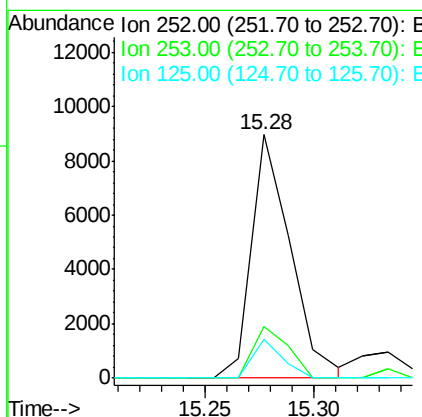
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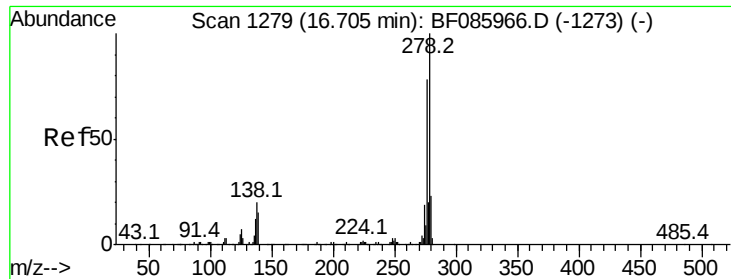
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4/4/2016 7:38:47 PM



#89
Benzo(a)pyrene
Concen: 0.68 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	15.7	10.3	15.5#





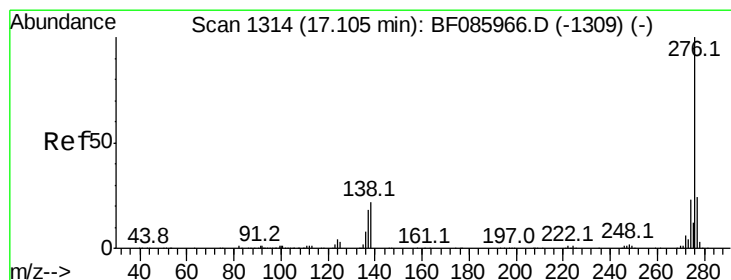
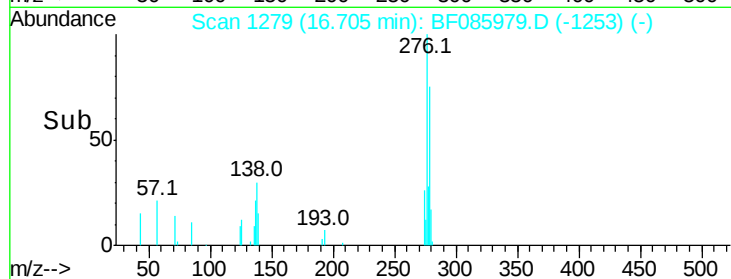
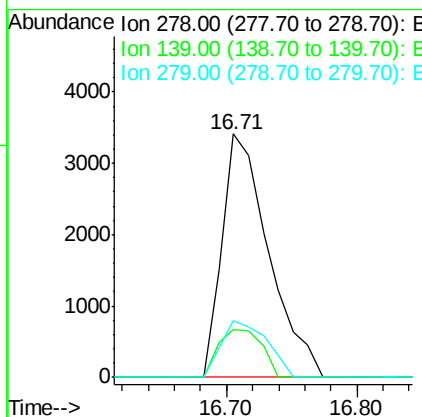
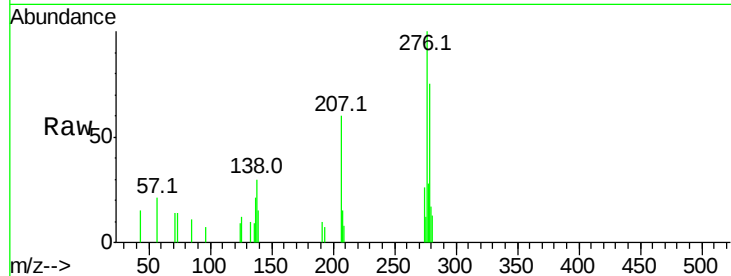
#90
Dibenzo(a,h)anthracene
Concen: 0.64 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	14.4	21.6
279	23.2	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 0.67 ng
RT: 17.12 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF085979.D
Acq: 1 Apr 2016 23:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.8	28.2
138	21.4	22.6	34.0#

