Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140371.D
Acq On : 14 Nov 2024 19:17
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Time: Nov 15 00:28:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	106904	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	359507	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	148930	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	258381	20.000	ng	#	0.00
76) Chrysene-d12	14.063	240	192393	20.000	ng		0.01
86) Perylene-d12	15.557	264	154243	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	356035	56.863	ng		0.04
7) Phenol-d6	6.516	99	587810	69.293	ng		0.01
23) Nitrobenzene-d5	7.434	82	477563	69.212	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	99170	66.962	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	721971	77.929	ng		0.00
79) Terphenyl-d14	13.004	244	680113	61.361	ng		0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.428	77	10752	2.115	ng	#	1
10) Phenol	6.534	94	463559	51.817	ng		97
15) Benzyl Alcohol	7.028	79	69476	11.368	ng		97
17) 2-Methylphenol	7.028	107	33700	6.091	ng	#	5
18) Hexachloroethane	7.404	117	45744	16.444	ng	#	1
19) n-Nitroso-di-n-propyla...	7.304	70	16513	3.223	ng	#	69
20) 3+4-Methylphenols	7.287	107	413423	59.749	ng	#	60
22) Acetophenone	7.263	105	110467	13.212	ng	#	40
25) Isophorone	7.681	82	55339	4.525	ng	#	1
27) 2,4-Dimethylphenol	8.051	122	1005376	246.330	ng	#	5
31) Naphthalene	8.181	128	68701	3.767	ng	#	74
32) Benzoic acid	8.051	122	1033244	287.701	ng		92
35) Caprolactam	8.575	113	51228	30.557	ng	#	1
37) 2-Methylnaphthalene	8.869	142	96966	8.292	ng		97
38) 1-Methylnaphthalene	8.969	142	61169	5.342	ng		93
46) 1,1'-Biphenyl	9.328	154	36805	3.397	ng		97
48) 2-Nitroaniline	9.480	65	8083	2.953	ng	#	49
51) 2,6-Dinitrotoluene	9.675	165	10888	4.920	ng	#	76
56) 4-Nitrophenol	10.016	139	11631	6.861	ng	#	1
59) 2,3,4,6-Tetrachlorophenol	10.498	232	36499	15.643	ng	#	63
61) 4-Chlorophenyl-phenyle...	10.186	204	15427	3.313	ng		93
66) n-Nitrosodiphenylamine	10.569	169	98077	13.137	ng		87
69) Atrazine	11.116	200	11336	5.019	ng	#	69
71) Phenanthrene	11.427	178	25732	2.120	ng	#	69
74) Di-n-butylphthalate	11.963	149	31926	2.265	ng	#	57
84) Bis(2-ethylhexyl)phtha...	14.039	149	196723	23.313	ng		97
85) Di-n-octyl phthalate	14.692	149	80712	6.791	ng	#	64

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
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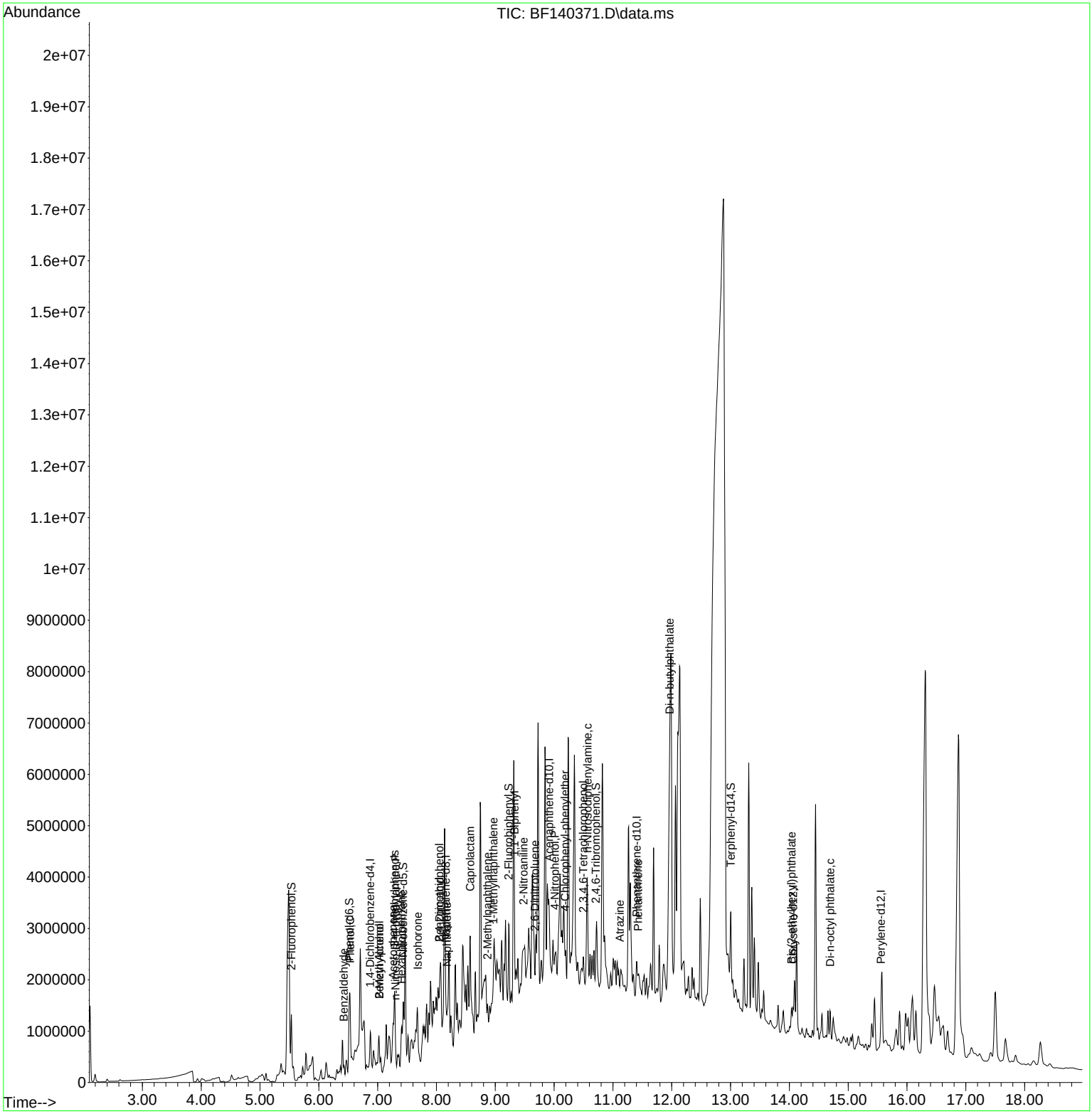
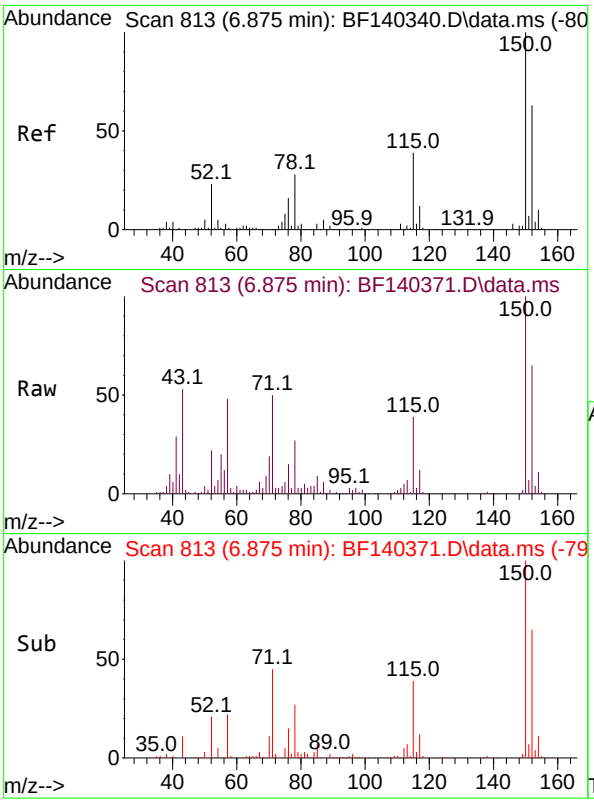
Operator : RC/JU
Sample : P4792-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Quant Time: Nov 15 00:28:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration



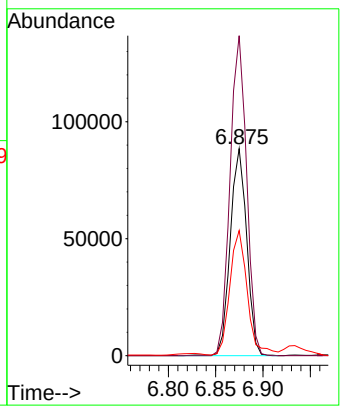


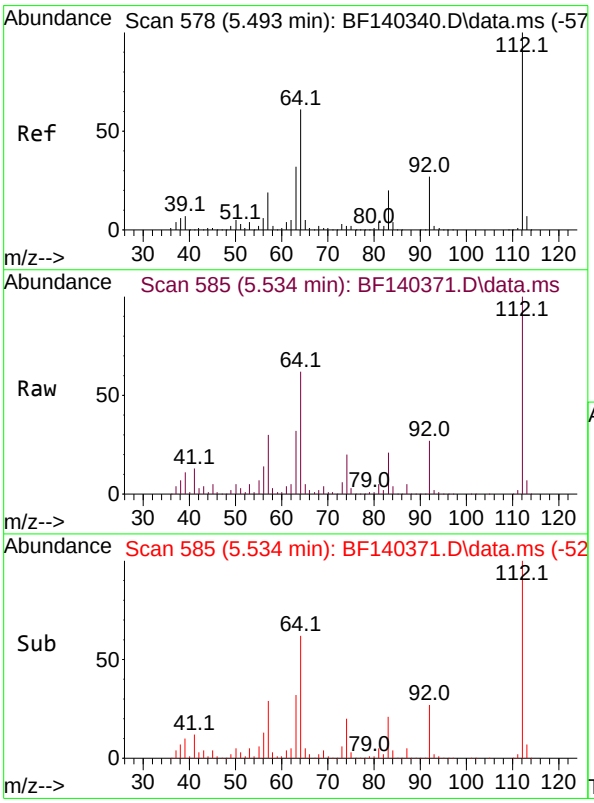
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:152 Resp: 106904

Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.4	191.0
115	60.4	47.4	71.2

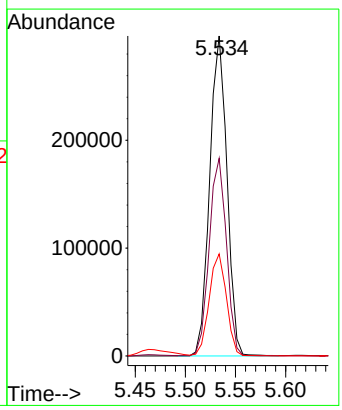


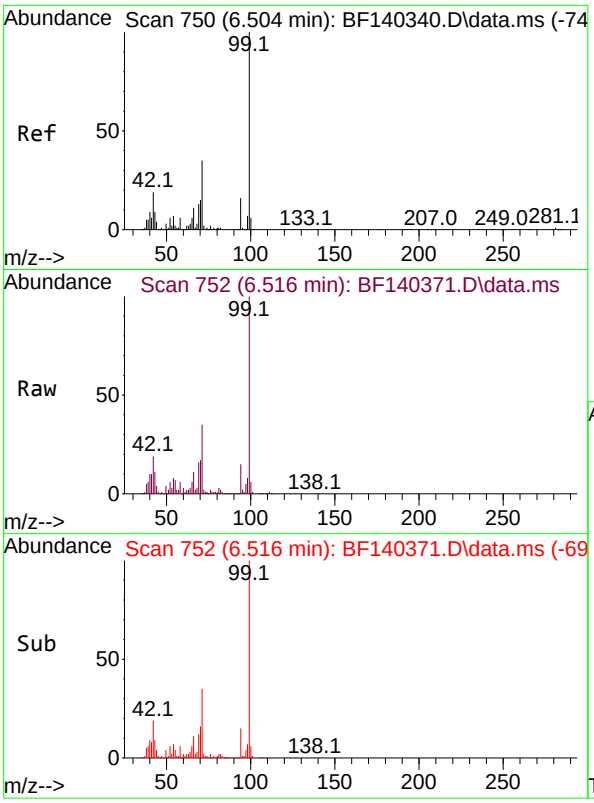


#5
2-Fluorophenol
Concen: 56.863 ng
RT: 5.534 min Scan# 585
Delta R.T. 0.041 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:112 Resp: 356035

Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.2	73.8
63	31.9	25.6	38.4



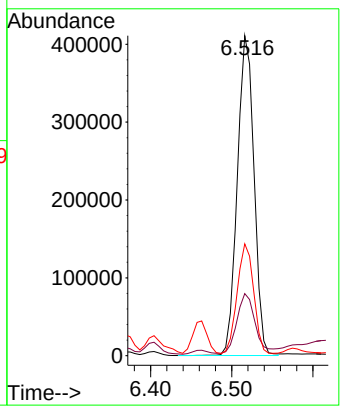


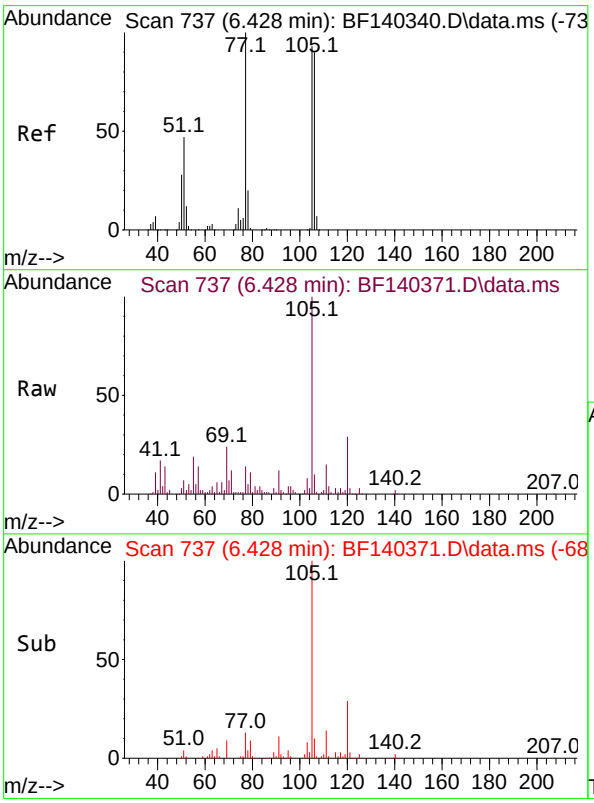
#7
Phenol-d6
Concen: 69.293 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion: 99 Resp: 587810

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.1	22.7
71	35.0	27.9	41.9

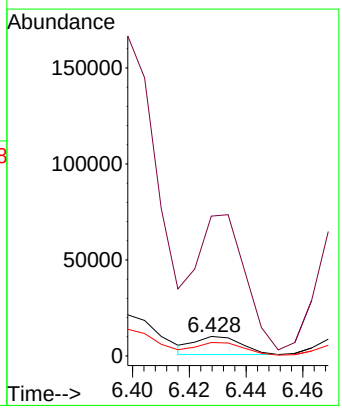


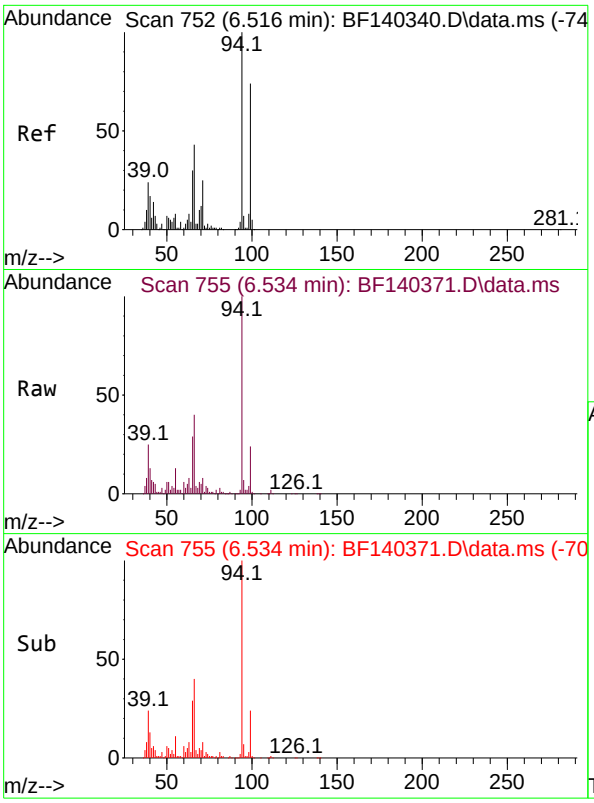


#9
Benzaldehyde
Concen: 2.115 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion: 77 Resp: 10752

Ion	Ratio	Lower	Upper
77	100		
105	718.0	74.4	114.4#
106	69.0	69.9	109.9#



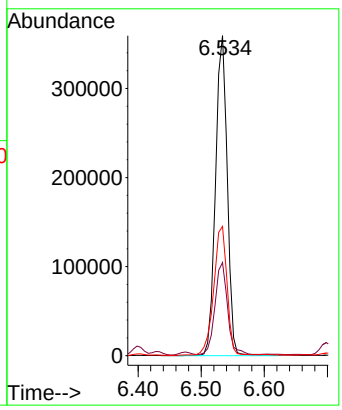


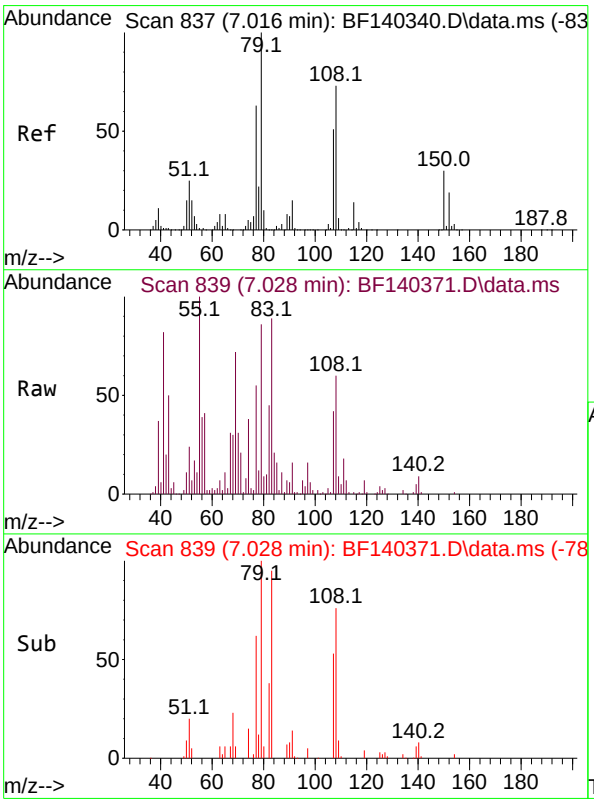
#10
Phenol
Concen: 51.817 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion: 94 Resp: 463559

Ion	Ratio	Lower	Upper
94	100		
65	29.1	10.4	50.4
66	40.4	22.9	62.9

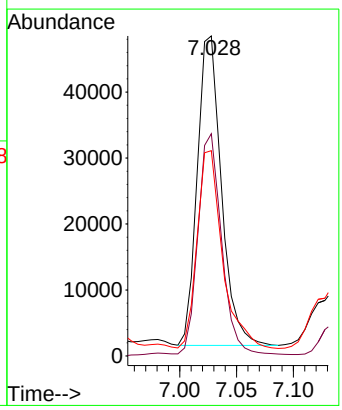


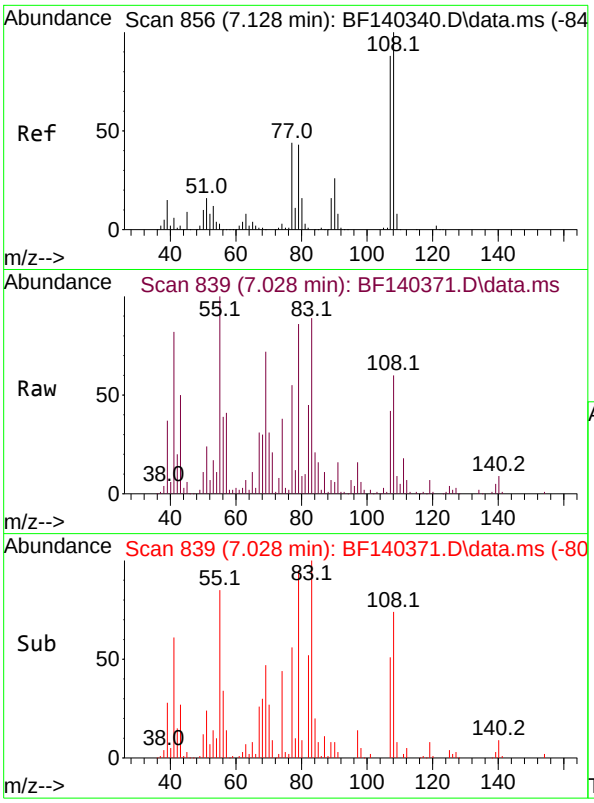


#15
Benzyl Alcohol
Concen: 11.368 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.012 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion: 79 Resp: 69476

Ion	Ratio	Lower	Upper
79	100		
108	69.4	57.8	86.6
77	64.2	49.8	74.6



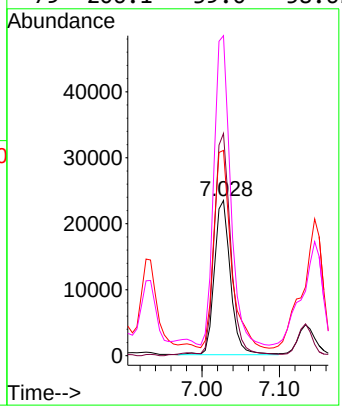


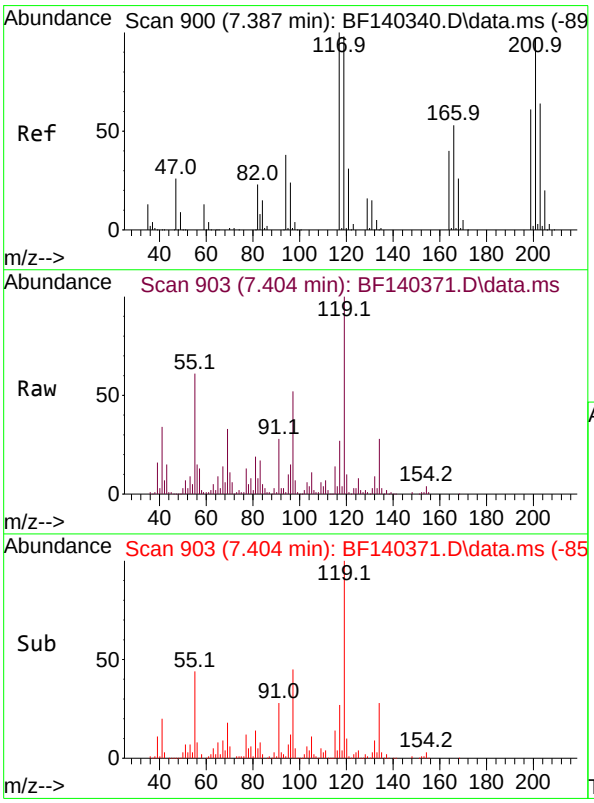
#17
2-Methylphenol
Concen: 6.091 ng
RT: 7.028 min Scan# 8
Delta R.T. -0.100 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:107 Resp: 33700

Ion	Ratio	Lower	Upper
107	100		
108	143.1	91.9	137.9#
77	132.2	39.7	59.5#
79	206.1	39.0	58.6#

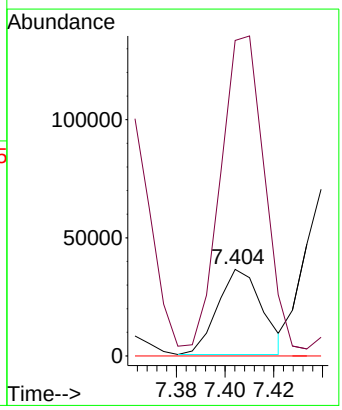


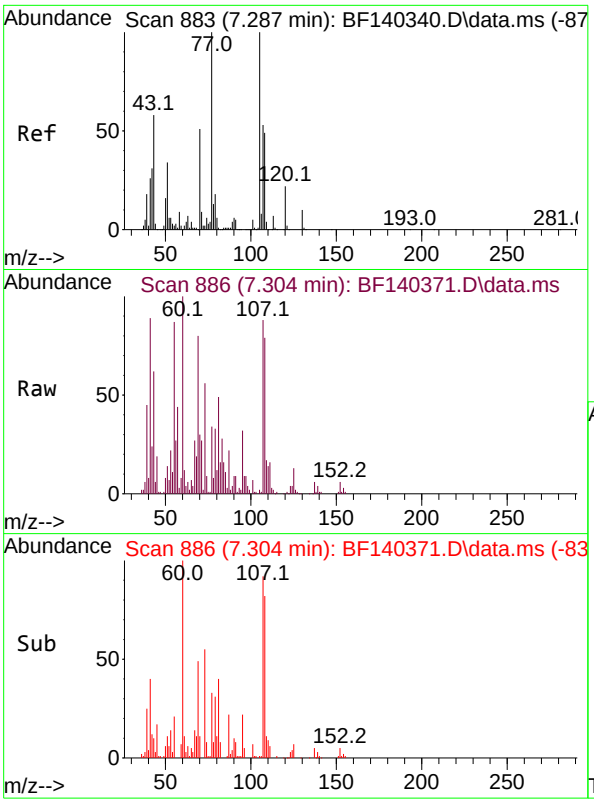


#18
Hexachloroethane
Concen: 16.444 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.012 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:117 Resp: 45744

Ion	Ratio	Lower	Upper
117	100		
119	364.0	76.9	115.3#
201	0.0	80.2	120.4#



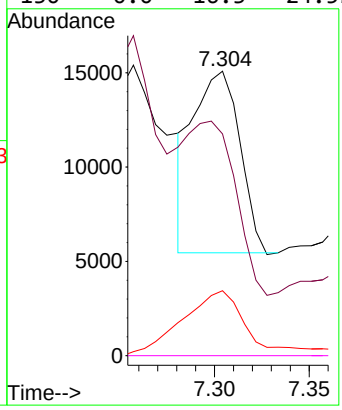


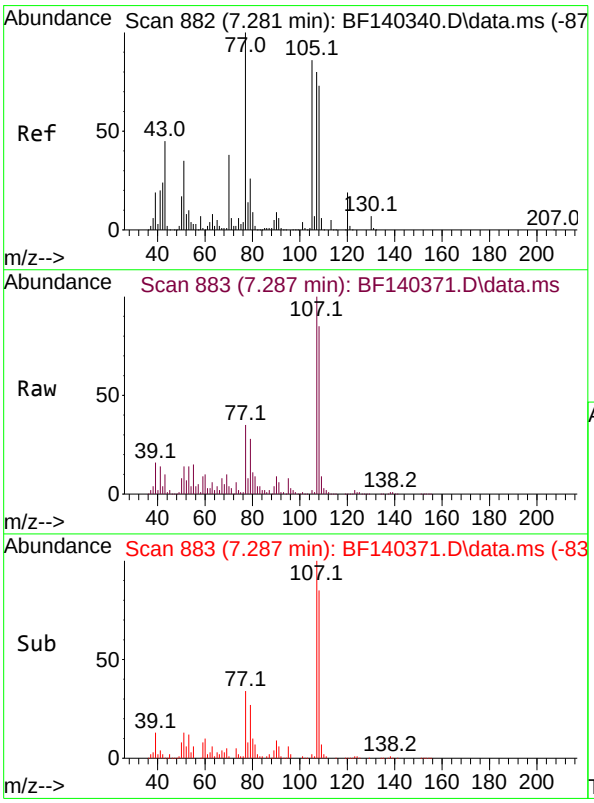
#19
n-Nitroso-di-n-propylamine
Concen: 3.223 ng
RT: 7.304 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion: 70 Resp: 16513

Ion	Ratio	Lower	Upper
70	100		
42	78.0	46.8	70.2#
101	22.8	7.5	11.3#
130	0.0	16.3	24.5#

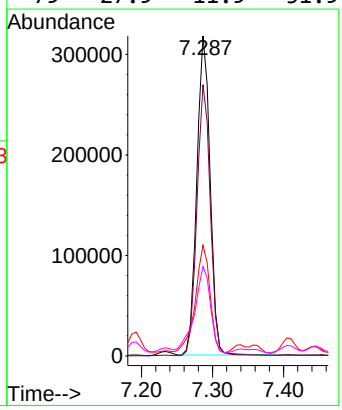


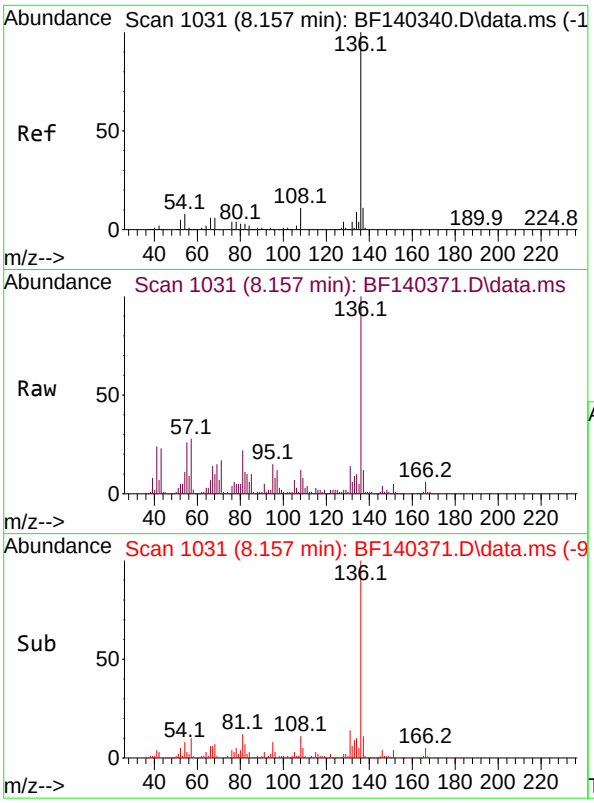


#20
3+4-Methylphenols
Concen: 59.749 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:107 Resp: 413423

Ion	Ratio	Lower	Upper
107	100		
108	84.8	71.4	111.4
77	34.6	97.0	137.0#
79	27.9	11.9	51.9



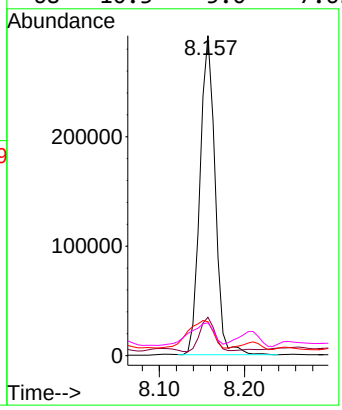


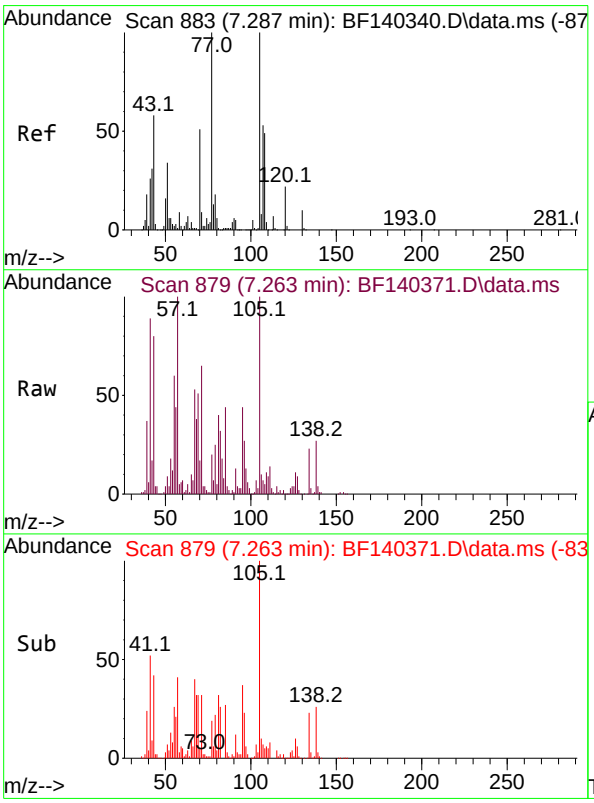
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:136 Resp: 359507

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	10.6	6.5	9.7#
68	10.3	5.0	7.6#

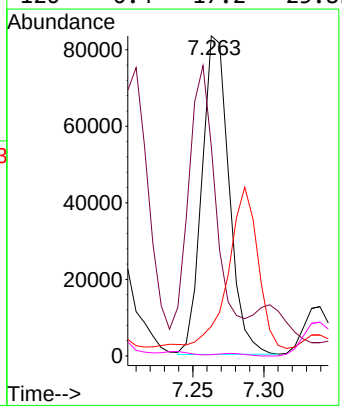


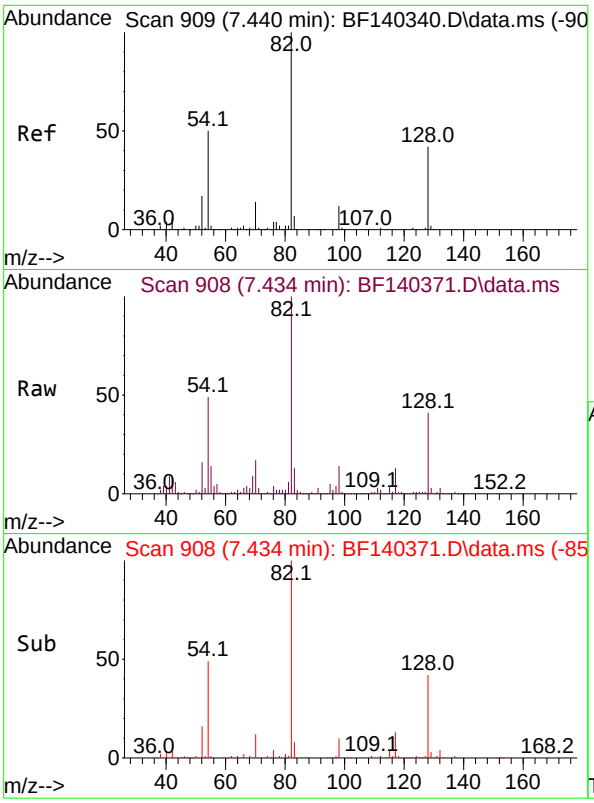


#22
Acetophenone
Concen: 13.212 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.024 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:105 Resp: 110467

Ion	Ratio	Lower	Upper
105	100		
71	65.5	6.9	10.3#
51	9.3	28.6	43.0#
120	0.4	17.2	25.8#



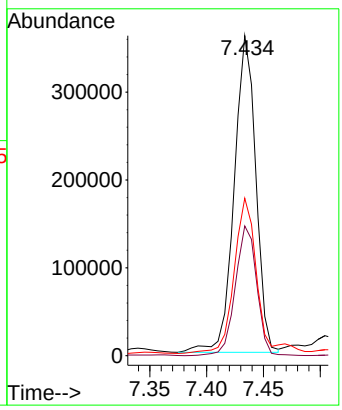


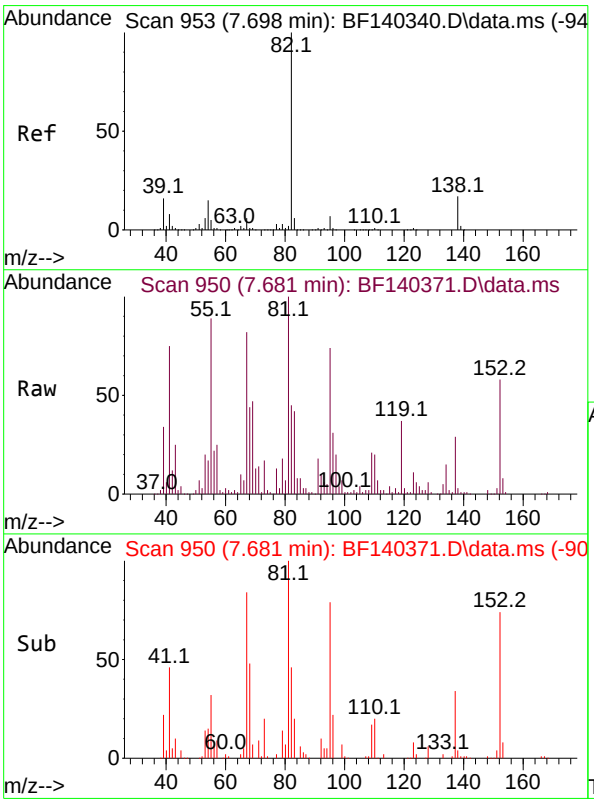
#23
Nitrobenzene-d5
Concen: 69.212 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion: 82 Resp: 477563

Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.3	49.9
54	49.2	39.8	59.8

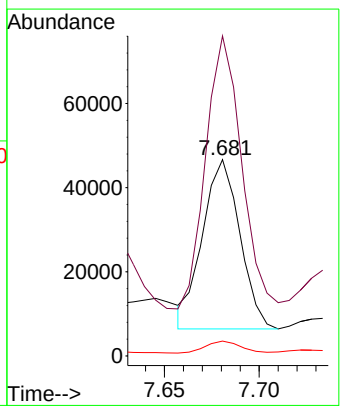


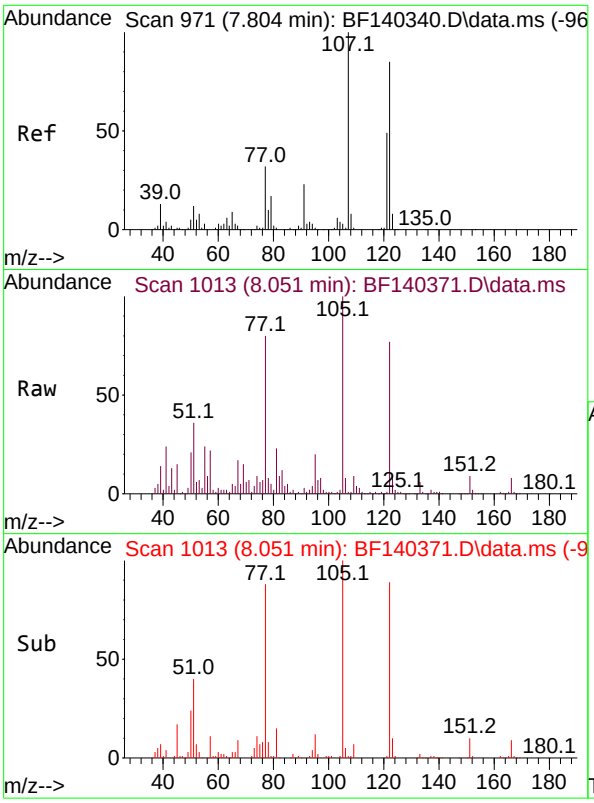


#25
Isophorone
Concen: 4.525 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.018 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion: 82 Resp: 55339

Ion	Ratio	Lower	Upper
82	100		
95	163.0	5.9	8.9#
138	7.6	13.4	20.2#



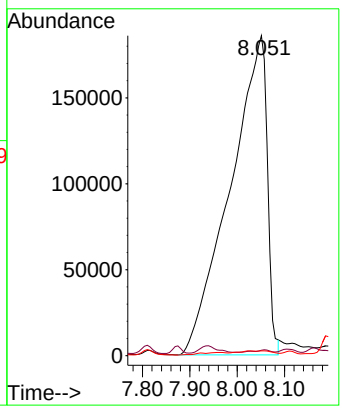


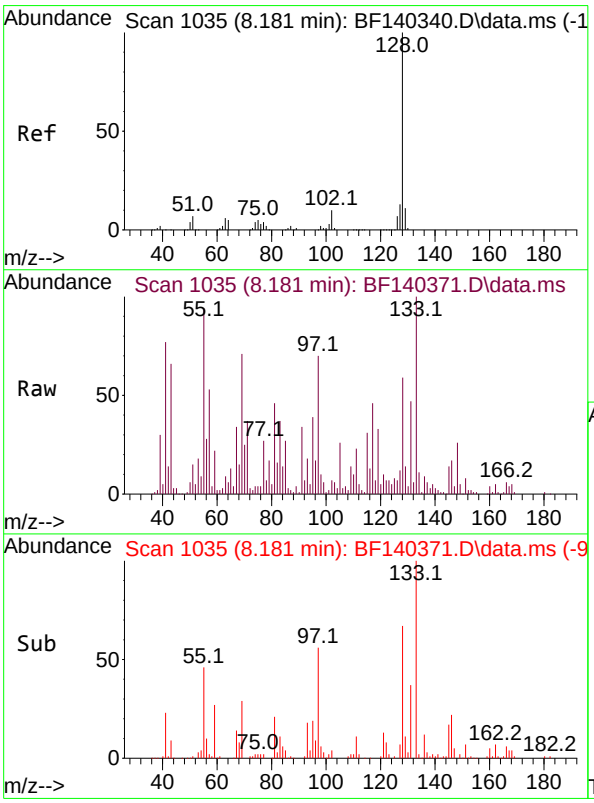
#27
2,4-Dimethylphenol
Concen: 246.330 ng
RT: 8.051 min Scan# 1
Delta R.T. 0.241 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:122 Resp: 1005376

Ion	Ratio	Lower	Upper
122	100		
107	1.7	91.3	136.9#
121	1.5	45.5	68.3#

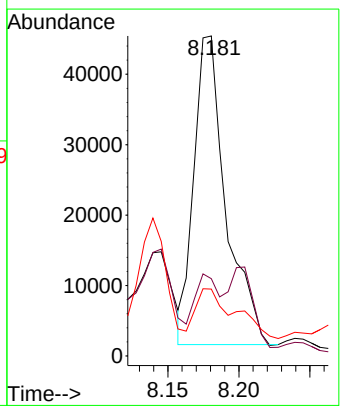


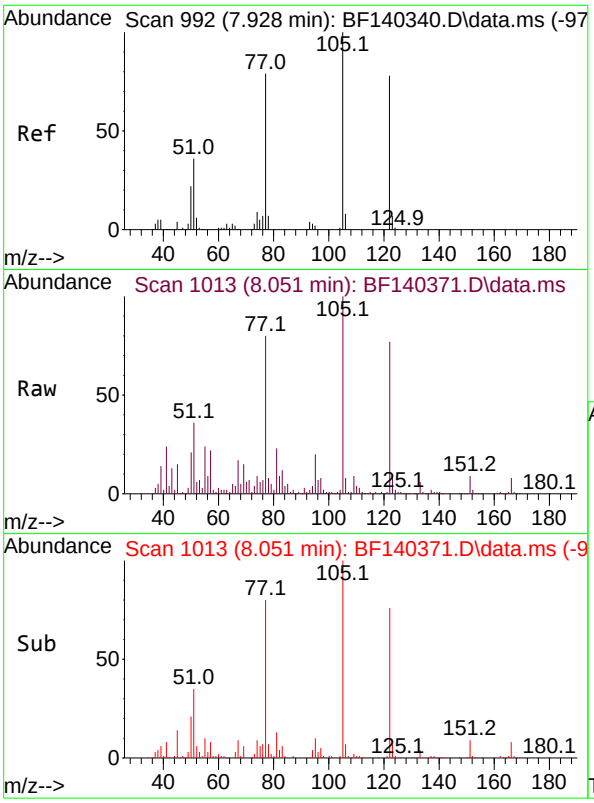


#31
Naphthalene
Concen: 3.767 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:128 Resp: 68701

Ion	Ratio	Lower	Upper
128	100		
129	24.1	8.9	13.3#
127	20.9	10.6	15.8#



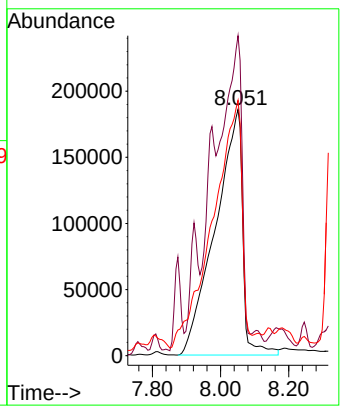


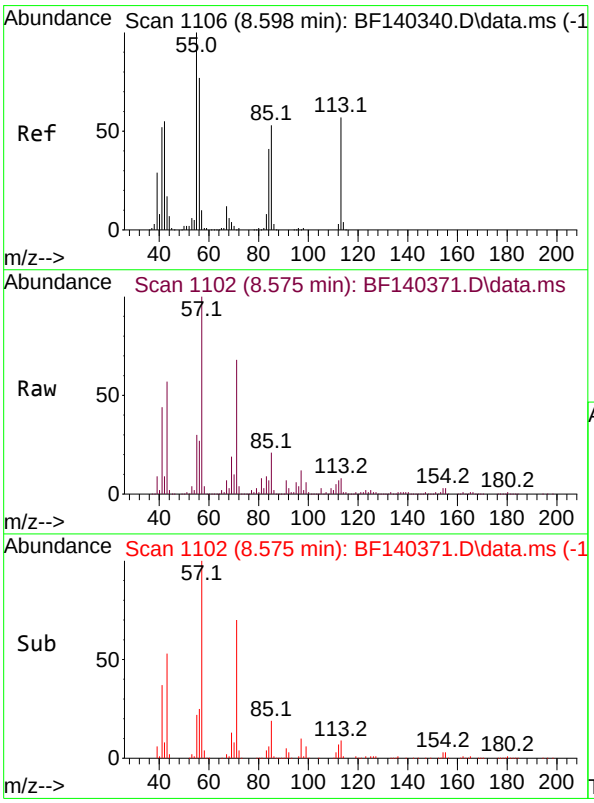
#32
Benzoic acid
Concen: 287.701 ng
RT: 8.051 min Scan# 1
Delta R.T. 0.123 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:122 Resp: 1033244

Ion	Ratio	Lower	Upper
122	100		
105	130.0	100.9	140.9
77	103.7	76.0	116.0

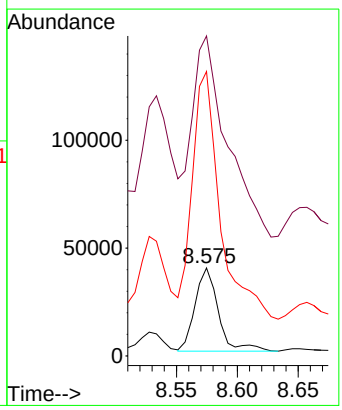


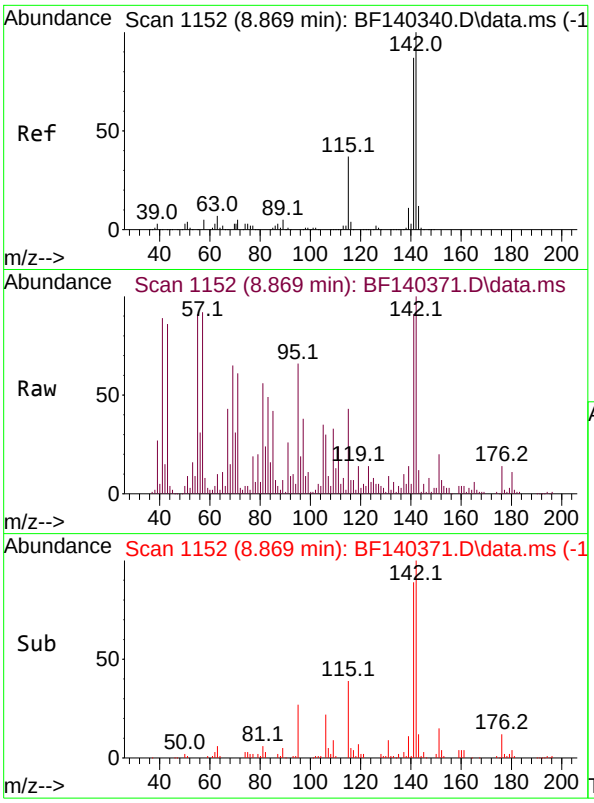


#35
Caprolactam
Concen: 30.557 ng
RT: 8.575 min Scan# 1102
Delta R.T. -0.024 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:113 Resp: 51228

Ion	Ratio	Lower	Upper
113	100		
55	363.5	150.0	190.0#
56	323.2	111.1	151.1#



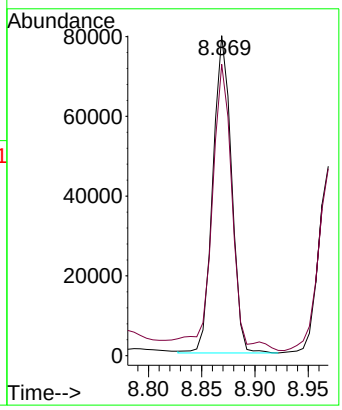


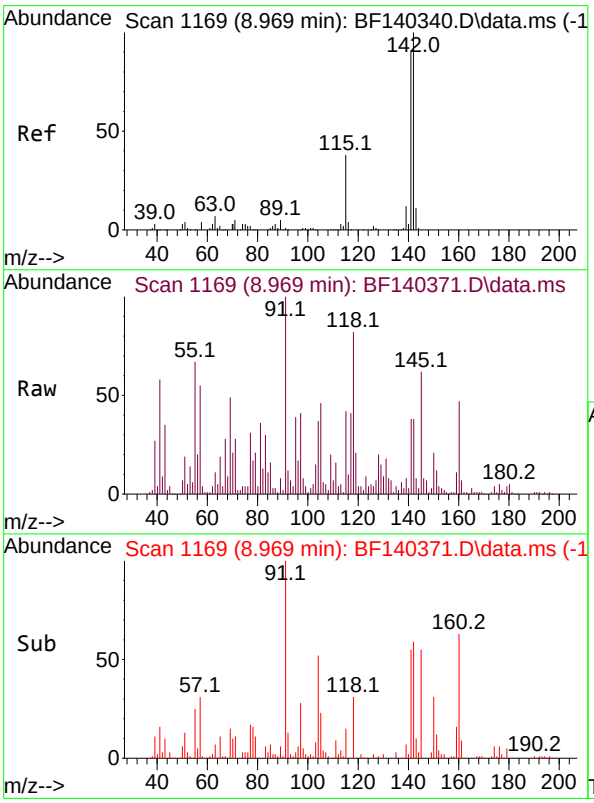
#37
2-Methylnaphthalene
Concen: 8.292 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:142 Resp: 96966

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.4	105.6

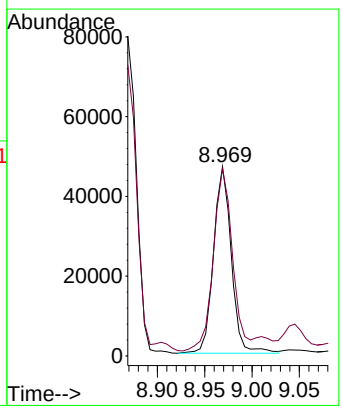


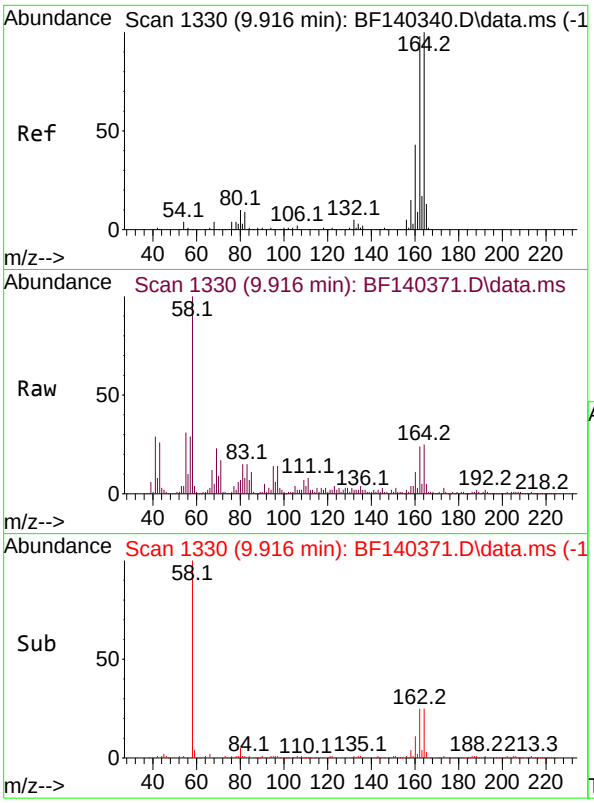


#38
1-Methylnaphthalene
Concen: 5.342 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:142 Resp: 61169

Ion	Ratio	Lower	Upper
142	100		
141	98.8	73.6	110.4



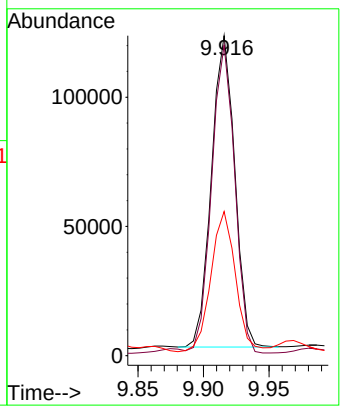


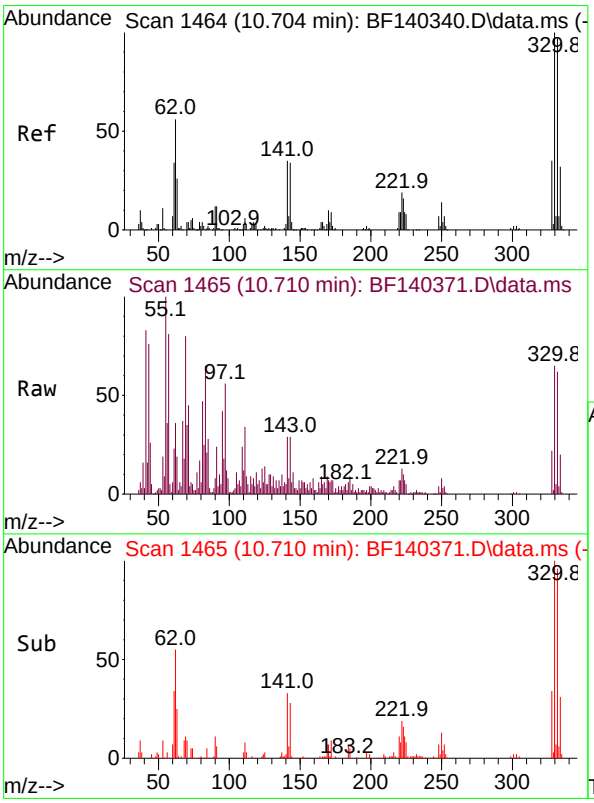
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:164 Resp: 148930

Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.8	119.8
160	45.0	35.4	53.0

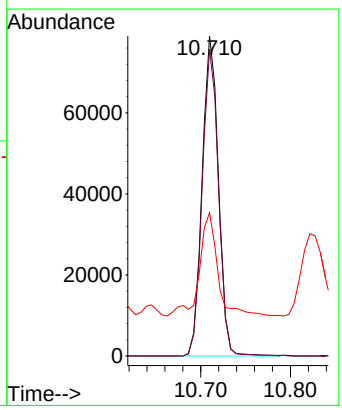


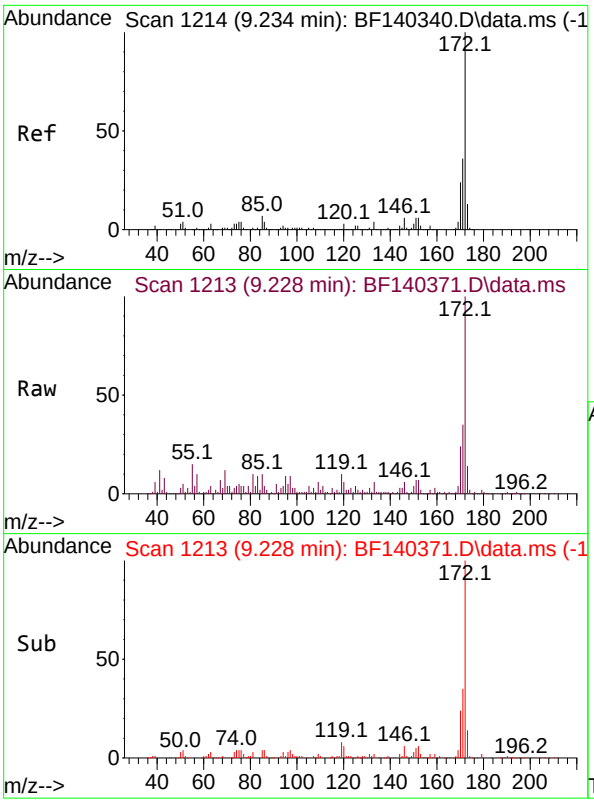


#42
2,4,6-Tribromophenol
Concen: 66.962 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:330 Resp: 99170

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.9	113.9
141	35.9	26.9	40.3



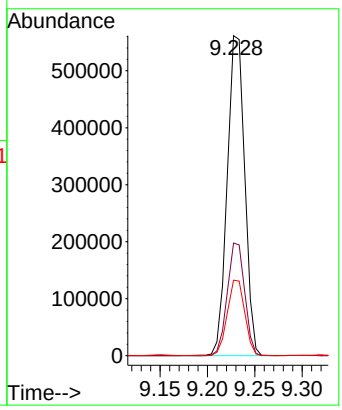


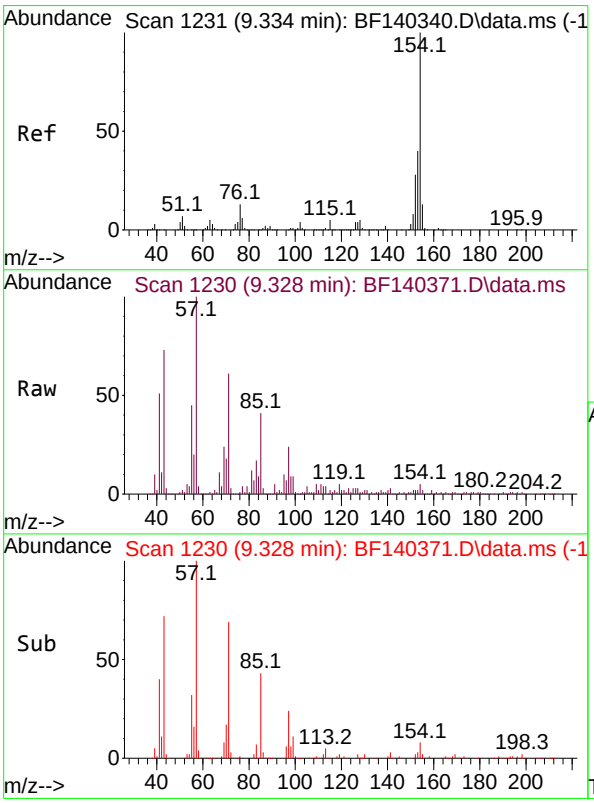
#45
2-Fluorobiphenyl
Concen: 77.929 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:172 Resp: 721971

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.6	19.1	28.7

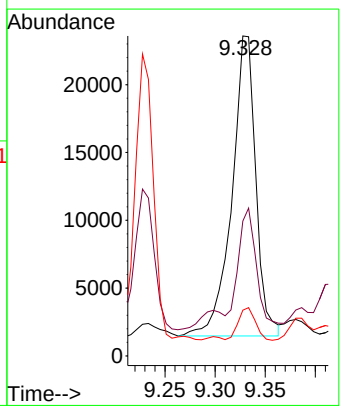


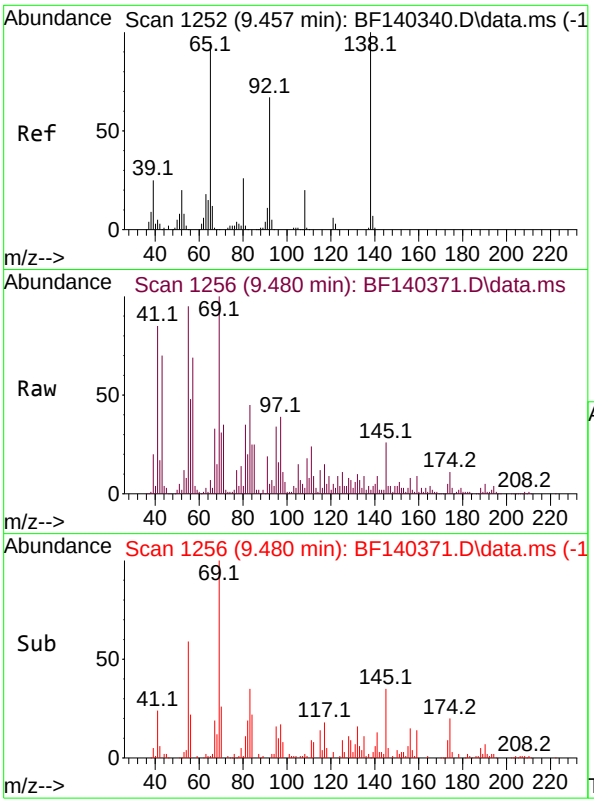


#46
1,1'-Biphenyl
Concen: 3.397 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:154 Resp: 36805

Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.4	60.4
76	14.3	0.0	32.9



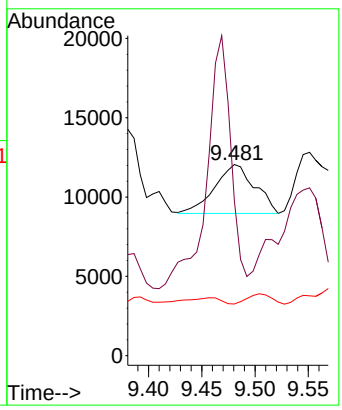


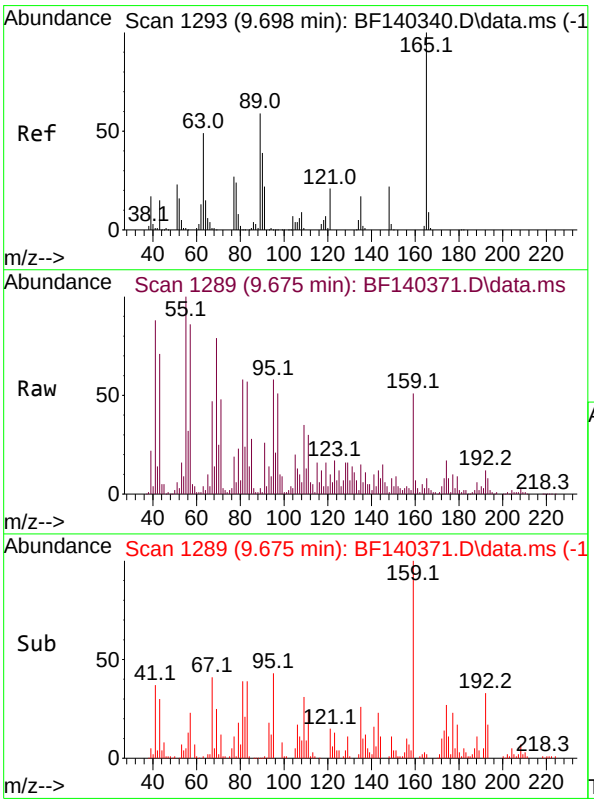
#48
2-Nitroaniline
Concen: 2.953 ng
RT: 9.480 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion: 65 Resp: 8083

Ion	Ratio	Lower	Upper
65	100		
92	81.1	56.4	84.6
138	27.1	84.8	127.2#

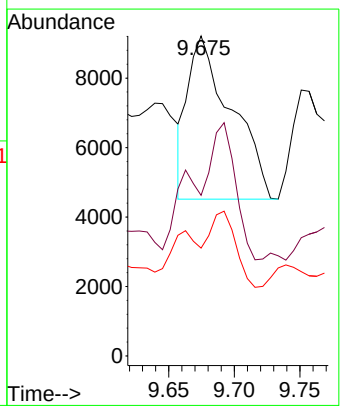


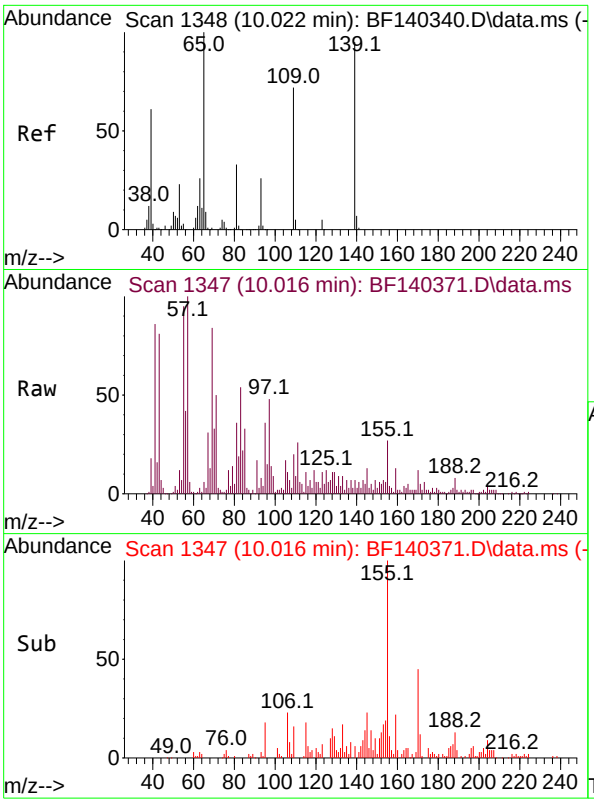


#51
2,6-Dinitrotoluene
Concen: 4.920 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.024 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:165 Resp: 10888

Ion	Ratio	Lower	Upper
165	100		
63	50.2	47.6	71.4
89	33.7	48.1	72.1#



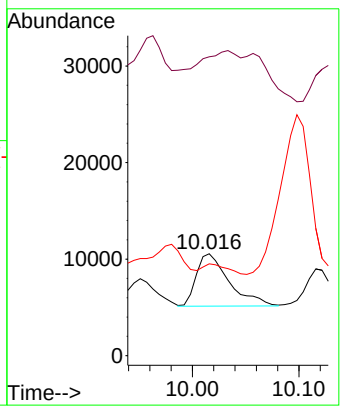


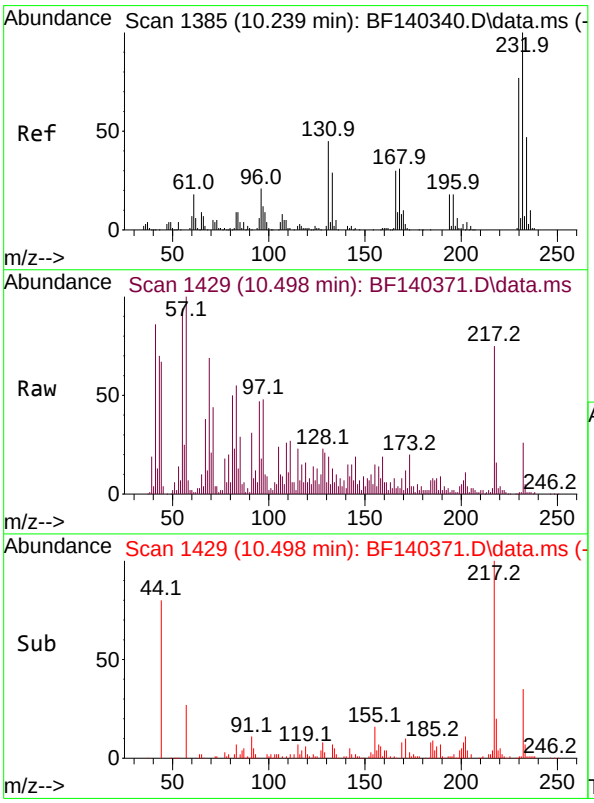
#56
4-Nitrophenol
Concen: 6.861 ng
RT: 10.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:139 Resp: 11631

Ion	Ratio	Lower	Upper
139	100		
109	293.2	54.5	94.5#
65	90.1	84.4	124.4

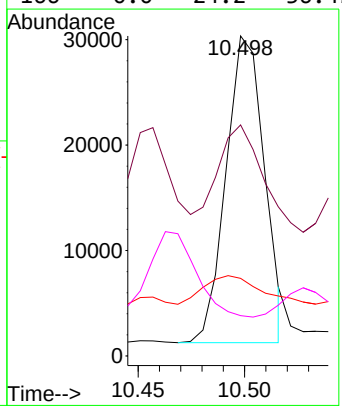


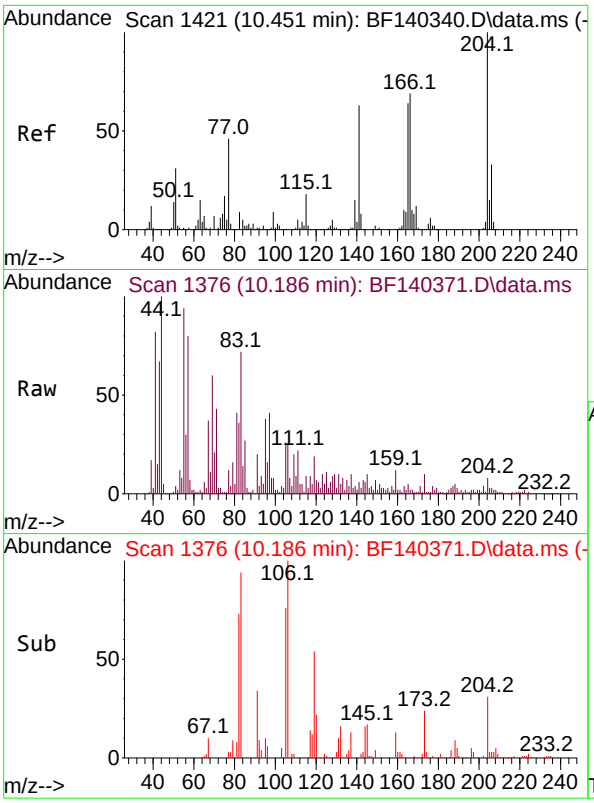


#59
2,3,4,6-Tetrachlorophenol
Concen: 15.643 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.259 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:232 Resp: 36499

Ion	Ratio	Lower	Upper
232	100		
131	28.9	36.8	55.2#
130	12.8	1.9	2.9#
166	0.0	24.2	36.4#



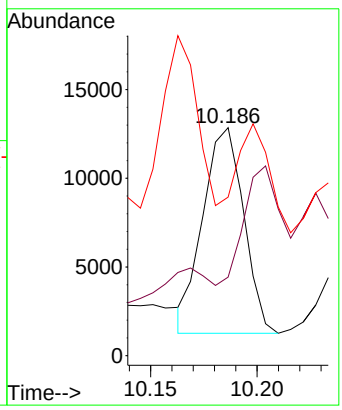


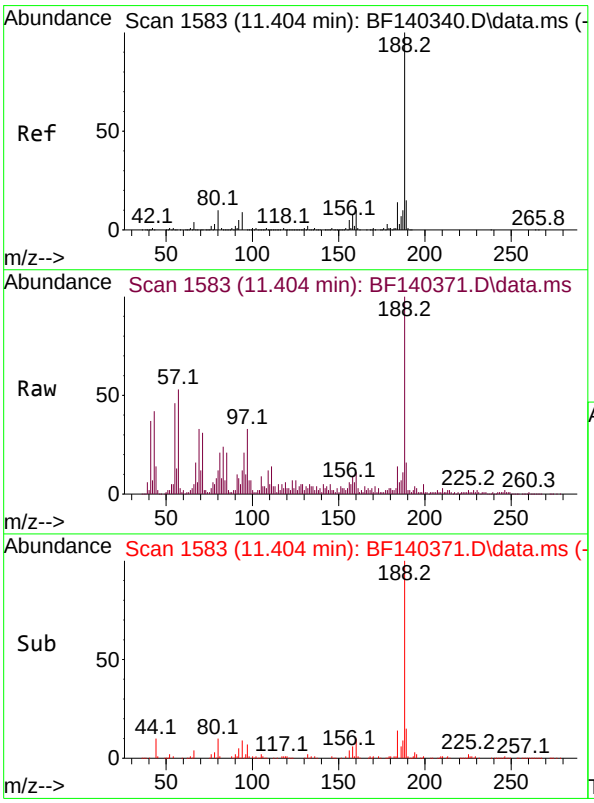
#61
4-Chlorophenyl-phenylether
Concen: 3.313 ng
RT: 10.186 min Scan# 1
Delta R.T. -0.265 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:204 Resp: 15427

Ion	Ratio	Lower	Upper
204	100		
206	34.4	26.0	39.0
141	69.5	49.8	74.8

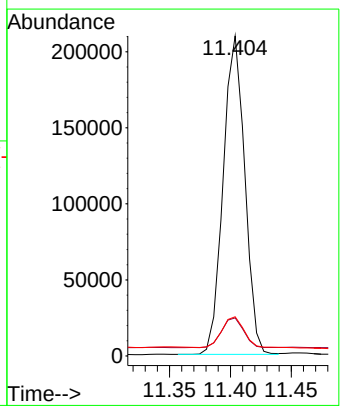


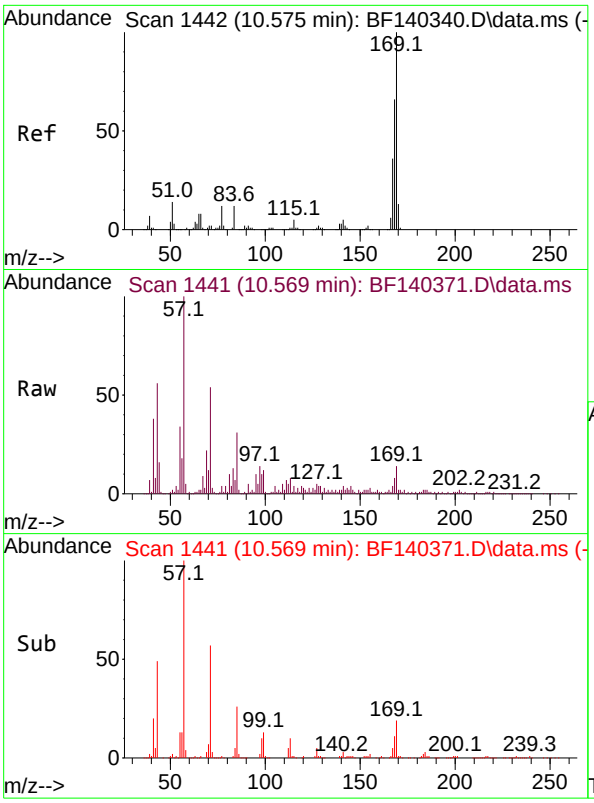


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:188 Resp: 258381

Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.6	11.4#
80	12.2	8.0	12.0#



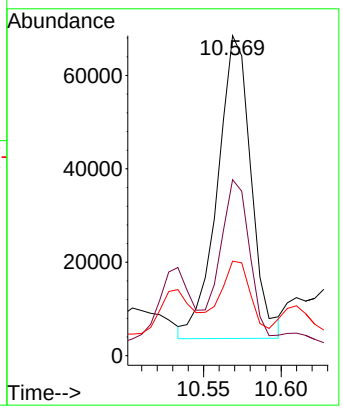


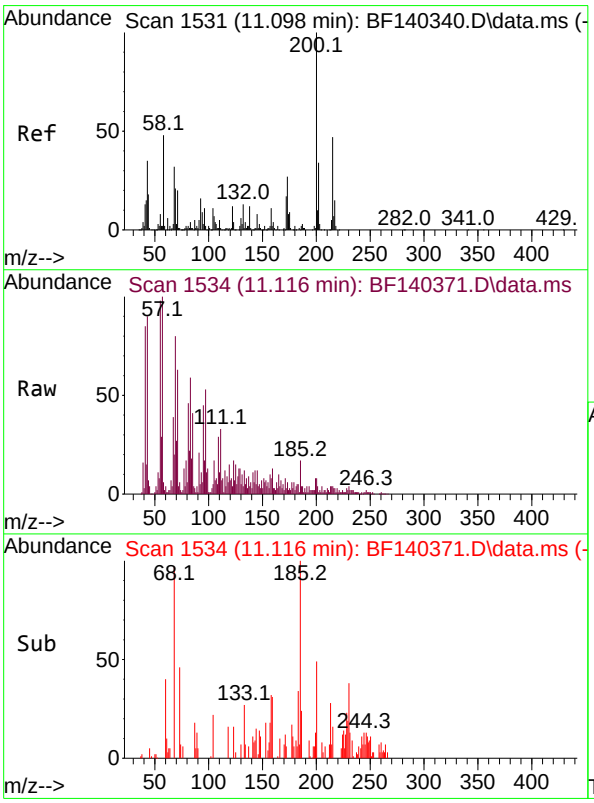
#66
n-Nitrosodiphenylamine
Concen: 13.137 ng
RT: 10.569 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:169 Resp: 98077

Ion	Ratio	Lower	Upper
169	100		
168	55.0	52.7	79.1
167	29.5	29.3	43.9

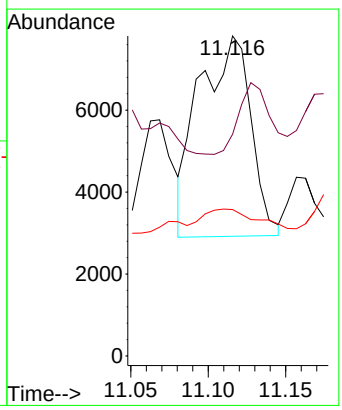


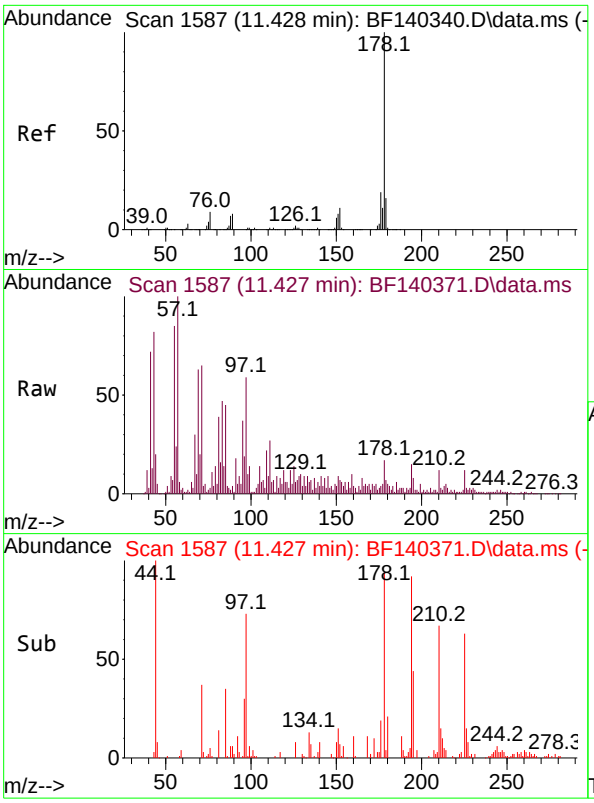


#69
Atrazine
Concen: 5.019 ng
RT: 11.116 min Scan# 1534
Delta R.T. 0.018 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:200 Resp: 11336

Ion	Ratio	Lower	Upper
200	100		
173	69.3	6.6	46.6#
215	45.8	27.2	67.2



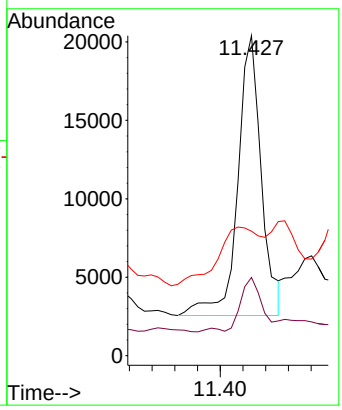


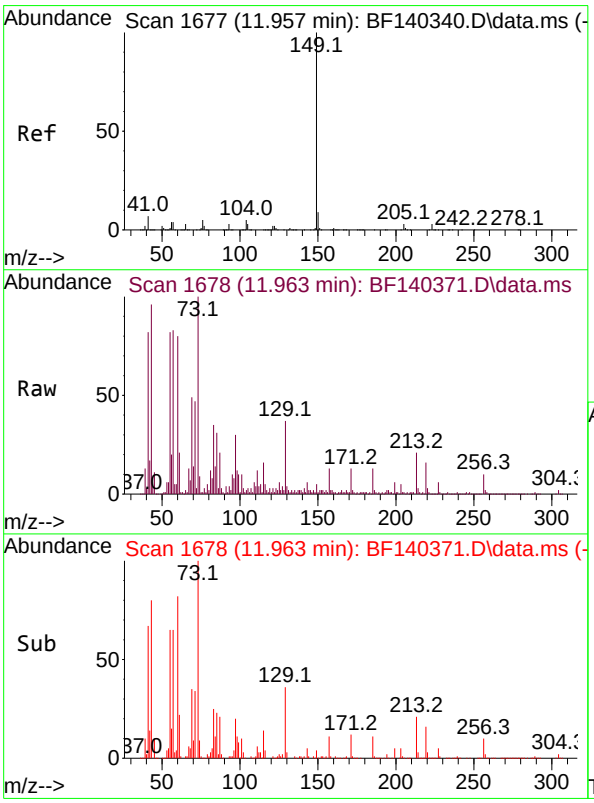
#71
Phenanthrene
Concen: 2.120 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:178 Resp: 25732

Ion	Ratio	Lower	Upper
178	100		
176	24.5	15.5	23.3#
179	38.9	12.4	18.6#

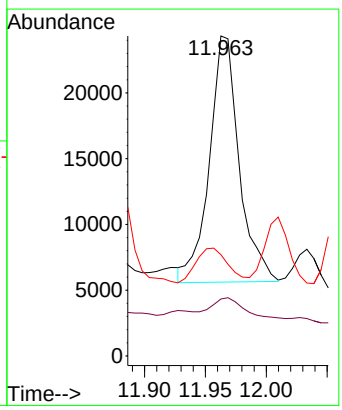


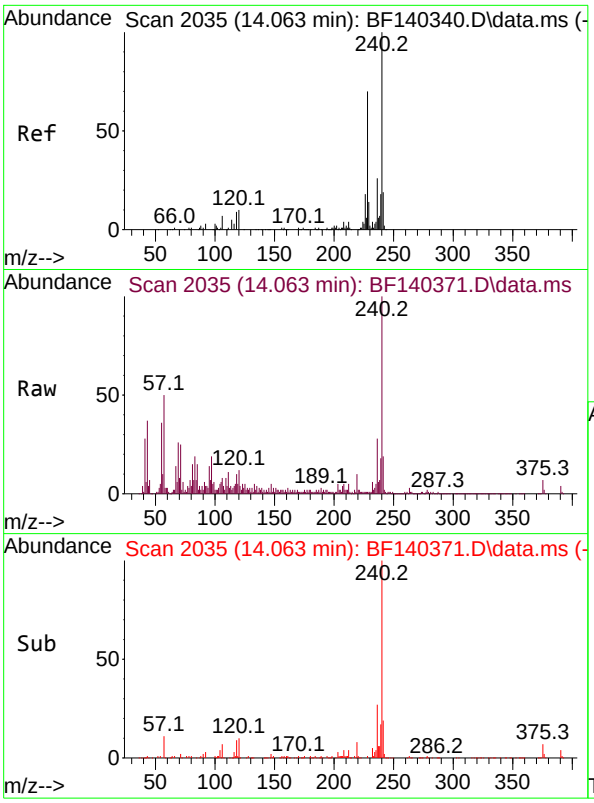


#74
Di-n-butylphthalate
Concen: 2.265 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:149 Resp: 31926

Ion	Ratio	Lower	Upper
149	100		
150	17.8	7.4	11.2#
104	31.7	4.0	6.0#



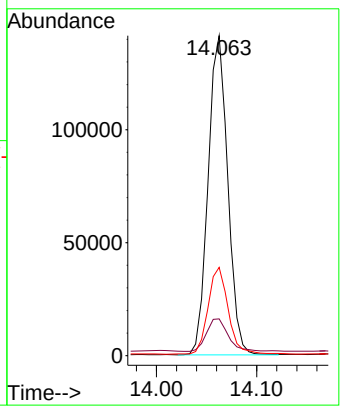


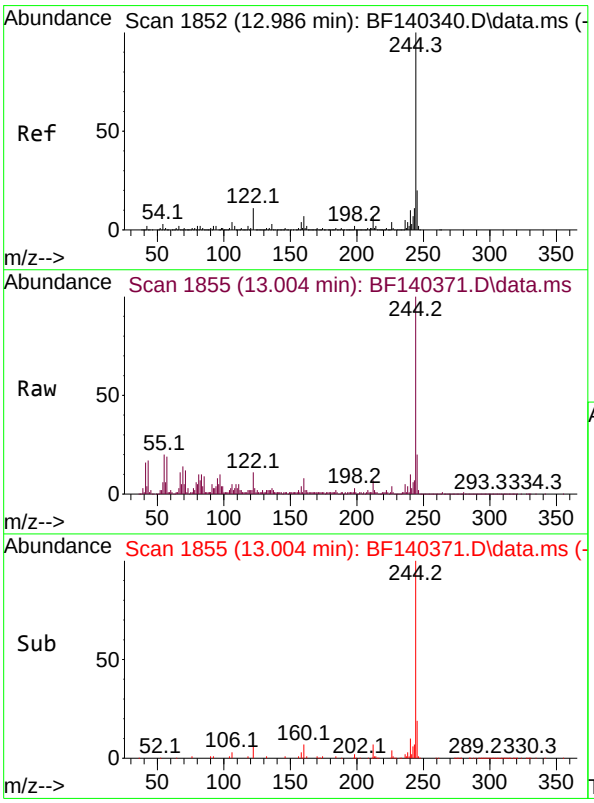
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:240 Resp: 192393

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.8	13.2
236	27.6	20.9	31.3

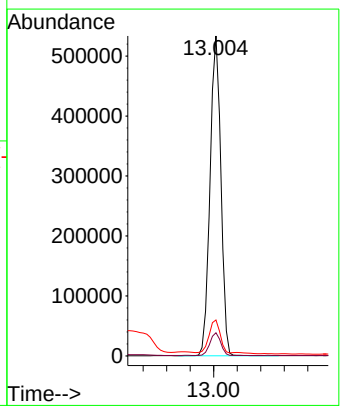


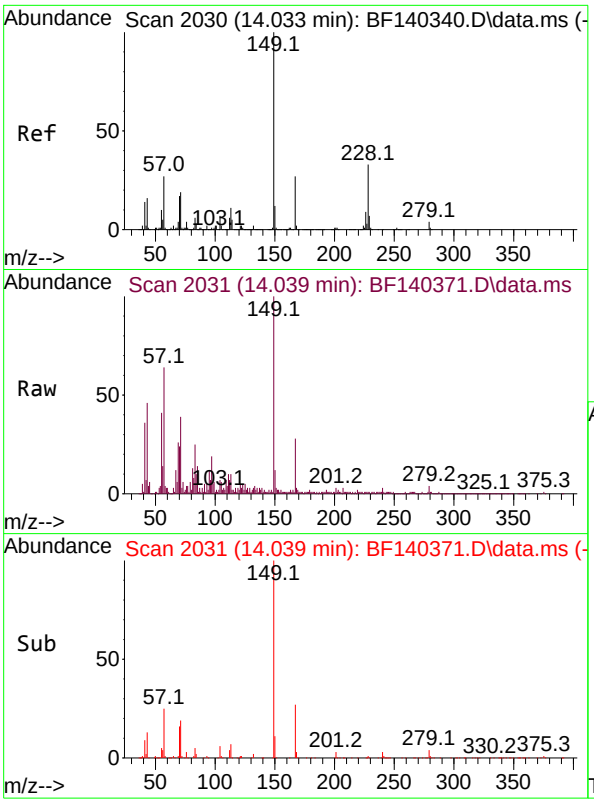


#79
Terphenyl-d14
Concen: 61.361 ng
RT: 13.004 min Scan# 1855
Delta R.T. 0.018 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:244 Resp: 680113

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.2	8.8	13.2



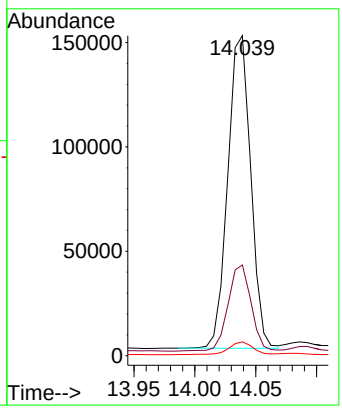


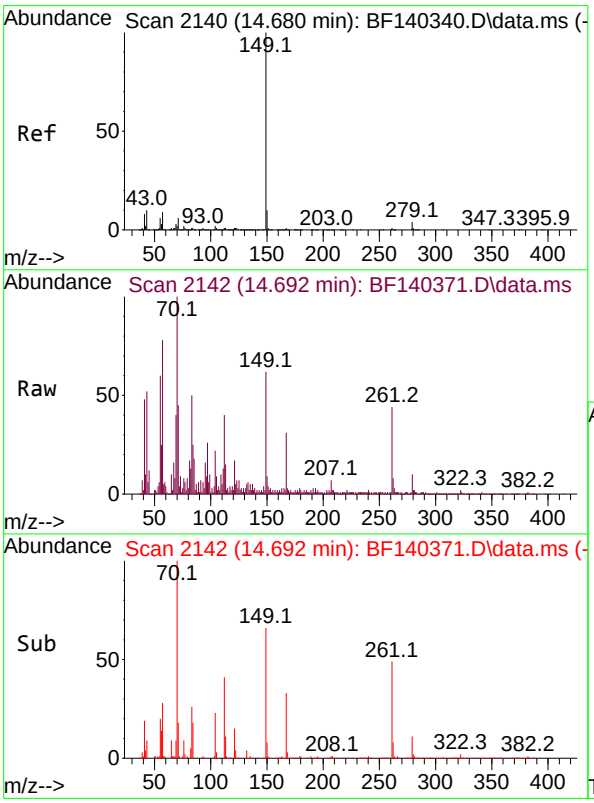
#84
Bis(2-ethylhexyl)phthalate
Concen: 23.313 ng
RT: 14.039 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:149 Resp: 196723

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.4	32.0
279	4.4	3.0	4.6

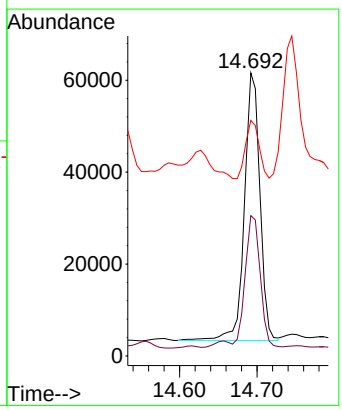


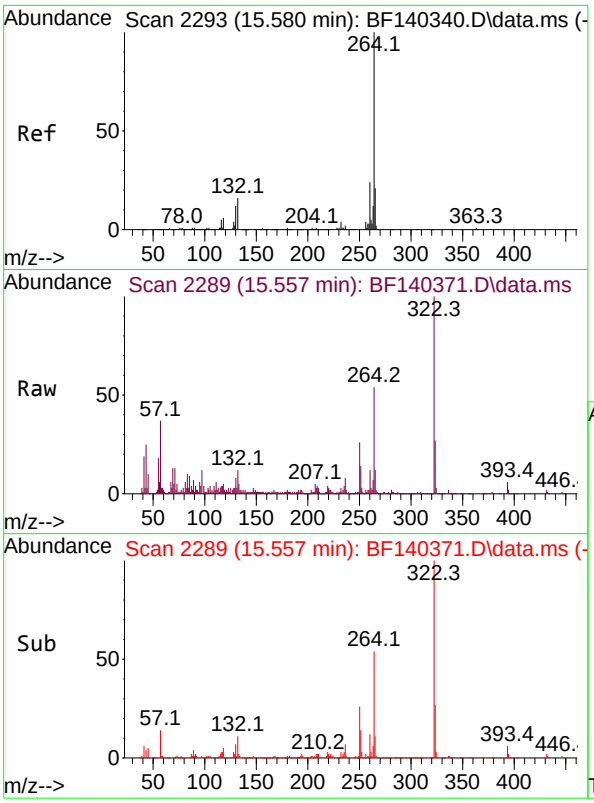


#85
Di-n-octyl phthalate
Concen: 6.791 ng
RT: 14.692 min Scan# 2142
Delta R.T. 0.029 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Tgt Ion:149 Resp: 80712

Ion	Ratio	Lower	Upper
149	100		
167	47.2	1.2	1.8#
43	18.8	8.0	12.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF140371.D
Acq: 14 Nov 2024 19:17

Instrument :
BNA_F
ClientSampleId :
MANHOLE-WASTE-DRUM

Tgt Ion:264 Resp: 154243

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.1	25.7