Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128003.D
Acq On : 29 Apr 2022 19:10
Operator : CG\JU
Sample : N2598-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Quant Time: May 02 00:58:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	100087	20.000	ng		-0.01
21) Naphthalene-d8	8.210	136	360329	20.000	ng		0.00
39) Acenaphthene-d10	9.975	164	163988	20.000	ng		0.00
64) Phenanthrene-d10	11.469	188	224379	20.000	ng		# 0.00
76) Chrysene-d12	14.116	240	169695	20.000	ng		# 0.00
86) Perylene-d12	15.633	264	150515	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	821675	130.761	ng		0.00
7) Phenol-d6	6.551	99	1085307	133.107	ng		-0.01
23) Nitrobenzene-d5	7.493	82	769801	100.462	ng		-0.01
42) 2,4,6-Tribromophenol	10.769	330	211517	128.129	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	1122008	115.749	ng		0.00
79) Terphenyl-d14	13.057	244	855161	92.149	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.563	94	23865	2.902	ng		76
18) Hexachloroethane	7.457	117	12593	4.571	ng	#	1
22) Acetophenone	7.310	105	34229	3.897	ng	#	59
25) Isophorone	7.816	82	35315	2.738	ng	#	68
31) Naphthalene	8.228	128	100949	5.501	ng	#	90
35) Caprolactam	8.663	113	7677	4.344	ng	#	1
37) 2-Methylnaphthalene	8.922	142	283120	23.343	ng		99
38) 1-Methylnaphthalene	9.022	142	267296	22.673	ng		99
48) 2-Nitroaniline	9.557	65	8888	2.841	ng	#	42
56) 4-Nitrophenol	10.075	139	11003	5.449	ng	#	1
58) Fluorene	10.522	166	24437	2.387	ng	#	75
62) 4-Nitroaniline	10.434	138	7795	3.015	ng		91
66) n-Nitrosodiphenylamine	10.628	169	38482	5.512	ng	#	59
71) Phenanthrene	11.492	178	80955	6.893	ng	#	86
75) Fluoranthene	12.686	202	55931	4.525	ng		92
77) Benzidine	12.639	184	68091	21.206	ng	#	93
78) Pyrene	12.916	202	60866	4.443	ng	#	94
80) Butylbenzylphthalate	13.527	149	31925	5.946	ng		86
81) Benzo(a)anthracene	14.104	228	22743	2.011	ng	#	80
83) Chrysene	14.139	228	27003	2.500	ng	#	86
84) Bis(2-ethylhexyl)phtha...	14.080	149	453246	63.656	ng		100
88) Benzo(b)fluoranthene	15.180	252	38771	4.101	ng	#	1
89) Benzo(k)fluoranthene	15.180	252	38771	4.071	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
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Acq On : 29 Apr 2022 19:10
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Misc :
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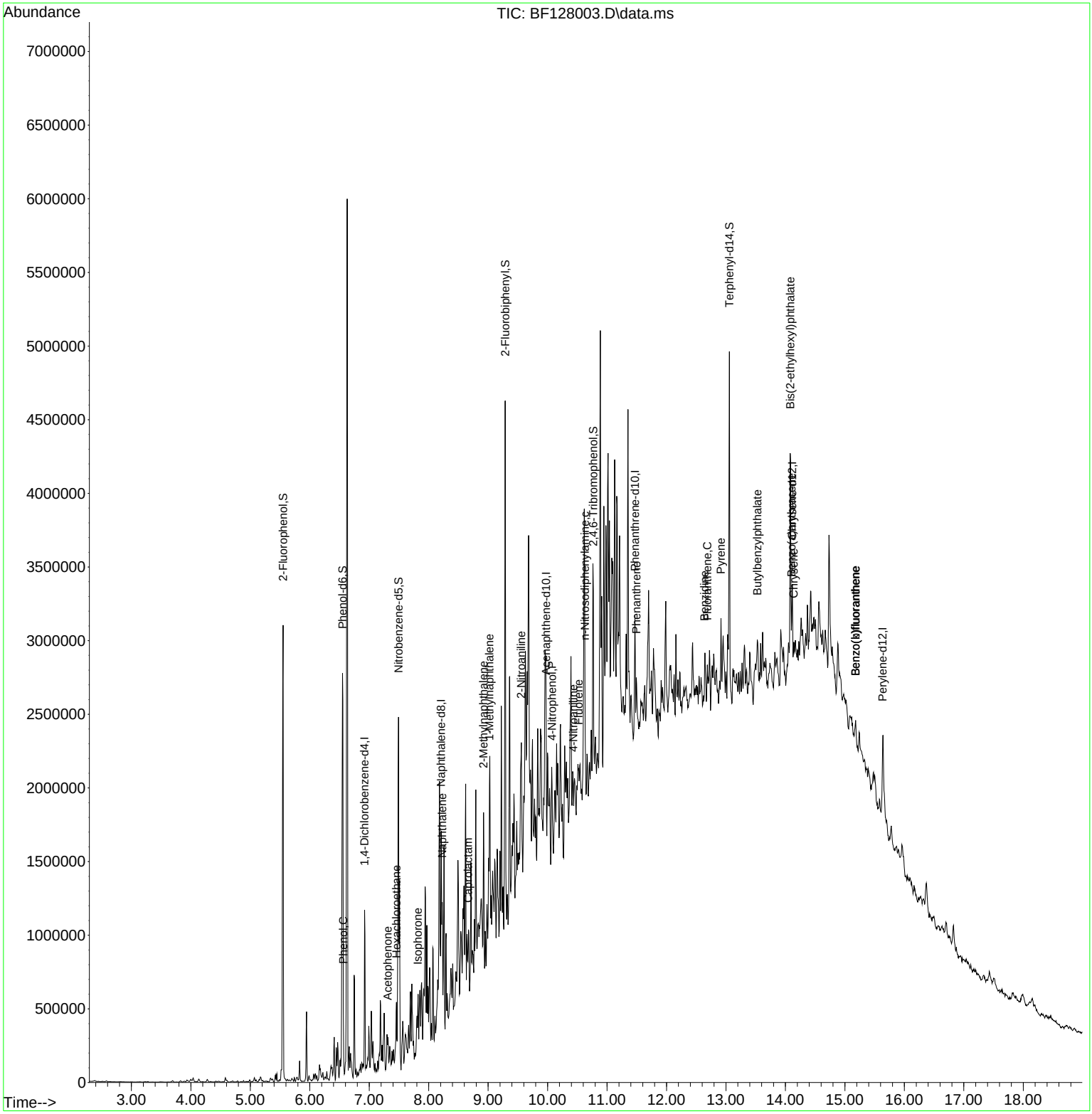
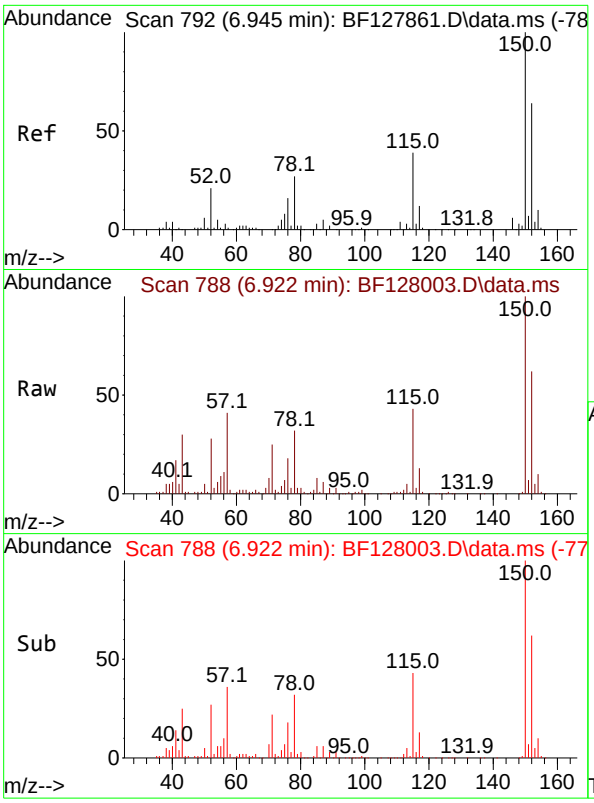
Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Quant Time: May 02 00:58:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration



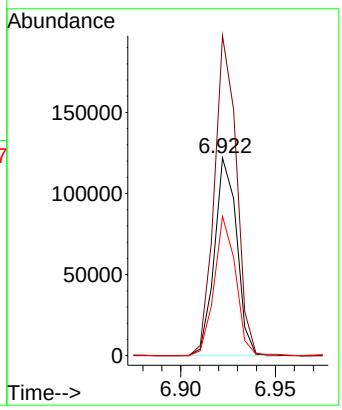


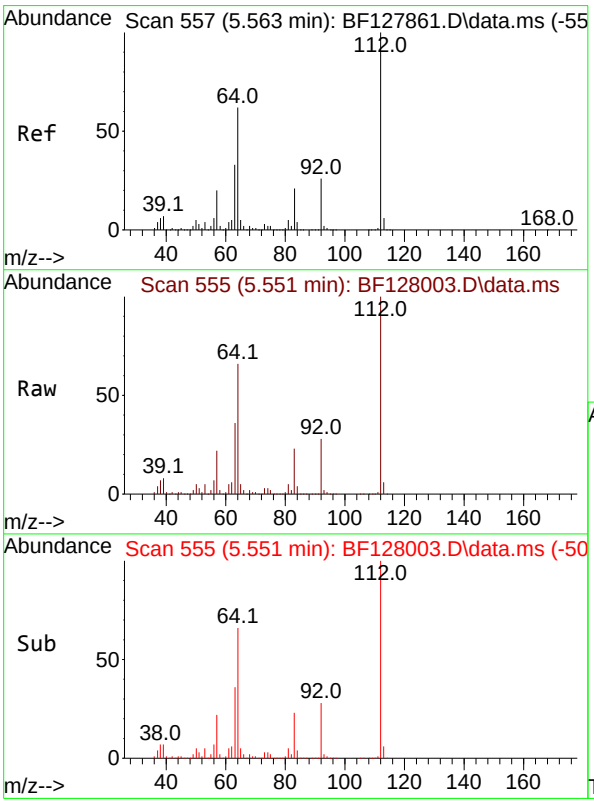
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:152 Resp: 100087

Ion	Ratio	Lower	Upper
152	100		
150	161.8	125.3	187.9
115	70.3	48.8	73.2

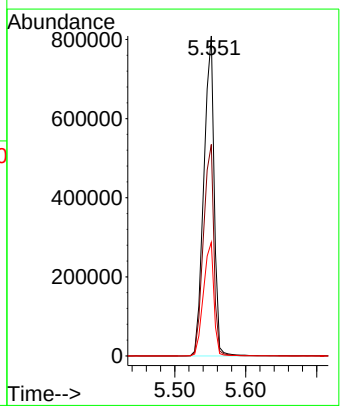


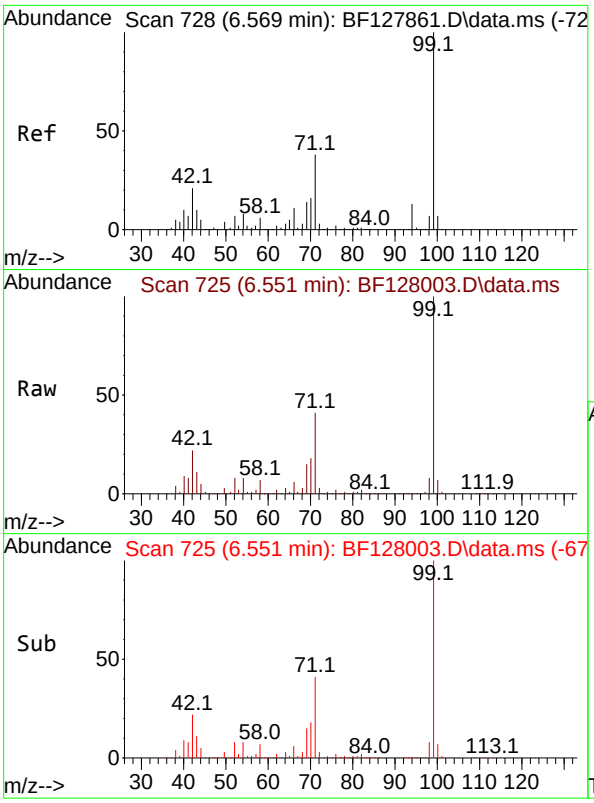


#5
2-Fluorophenol
Concen: 130.761 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:112 Resp: 821675

Ion	Ratio	Lower	Upper
112	100		
64	66.1	49.5	74.3
63	35.5	26.3	39.5



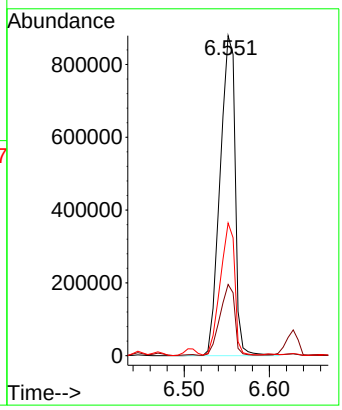


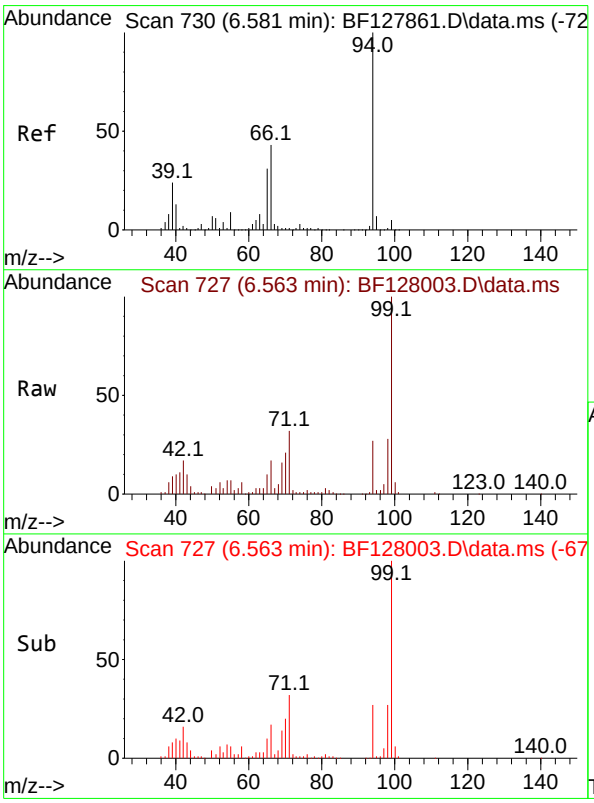
#7
Phenol-d6
Concen: 133.107 ng
RT: 6.551 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion: 99 Resp: 1085307

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.6	24.8
71	41.5	30.0	45.0

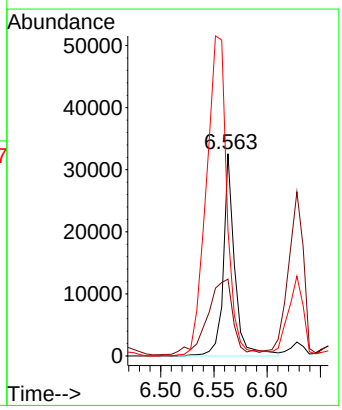


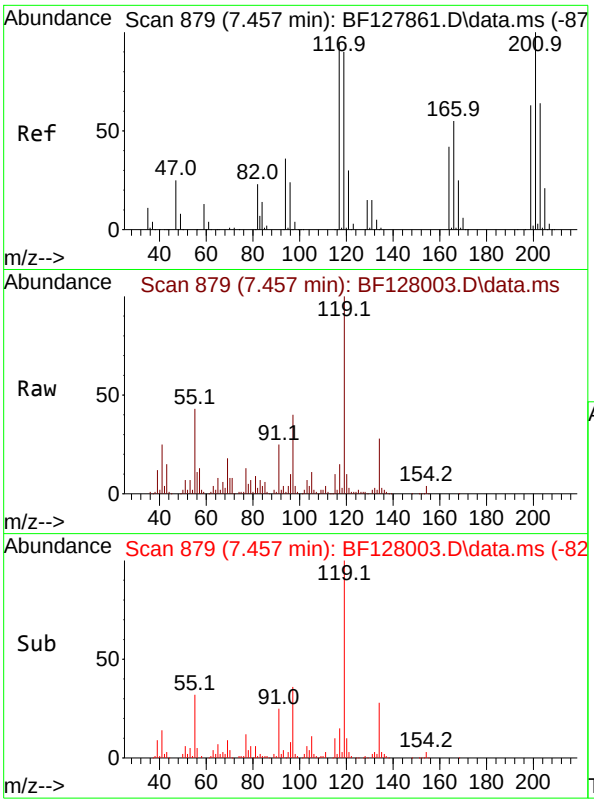


#10
Phenol
Concen: 2.902 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion: 94 Resp: 23865

Ion	Ratio	Lower	Upper
94	100		
65	38.0	10.6	50.6
66	62.4	22.6	62.6



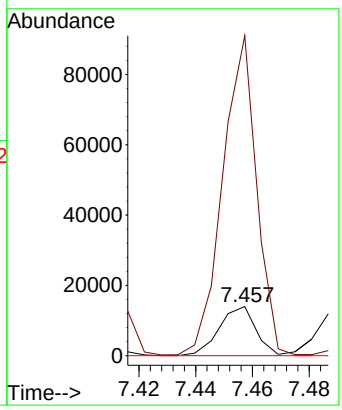


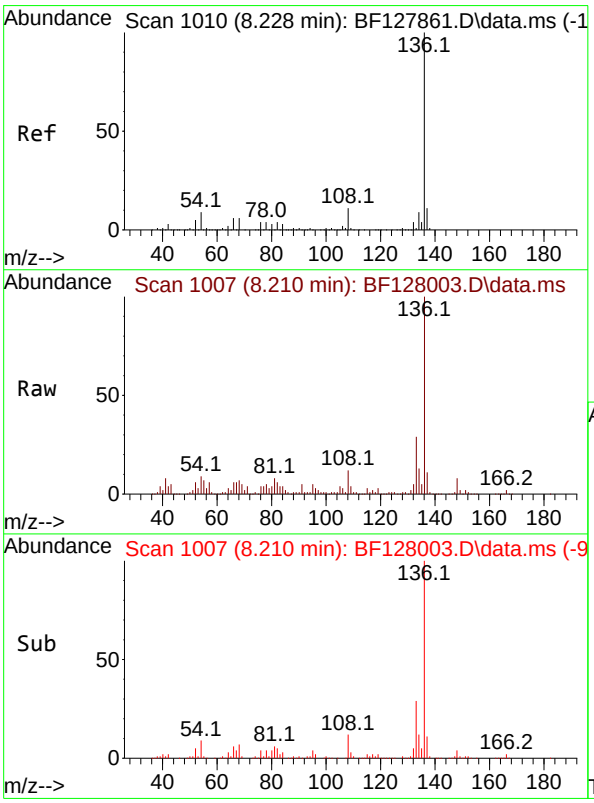
#18
Hexachloroethane
Concen: 4.571 ng
RT: 7.457 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:117 Resp: 12593

Ion	Ratio	Lower	Upper
117	100		
119	652.0	76.2	114.4#
201	0.0	84.4	126.6#

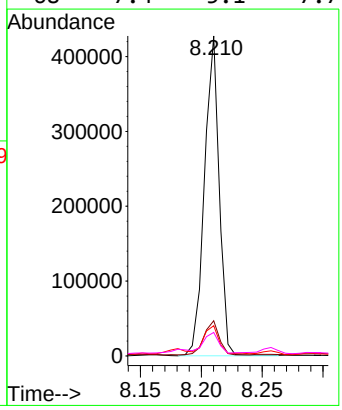


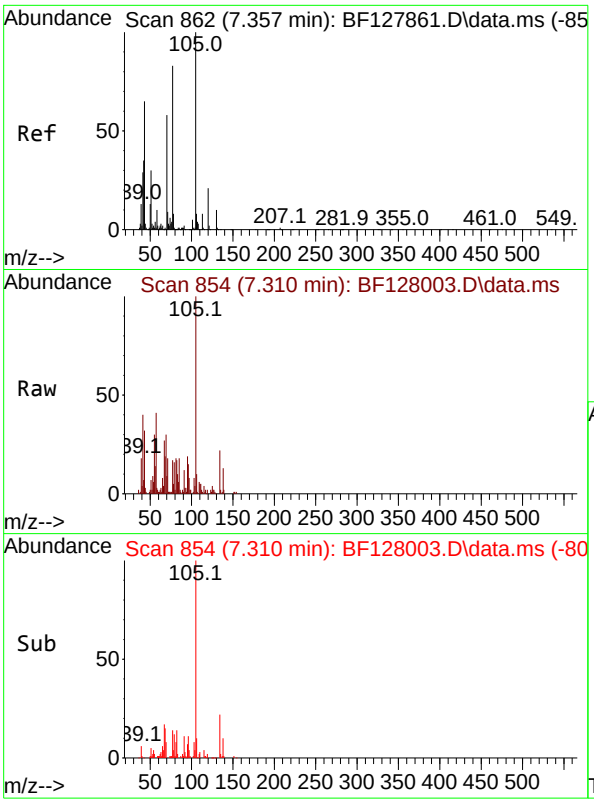


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:136 Resp: 360329

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.4	6.8	10.2
68	7.4	5.1	7.7



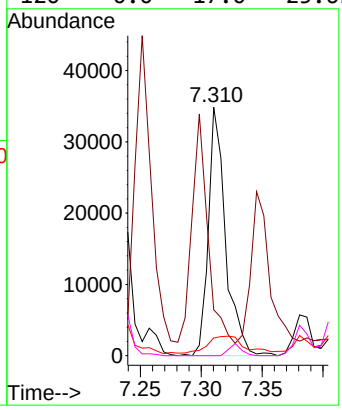


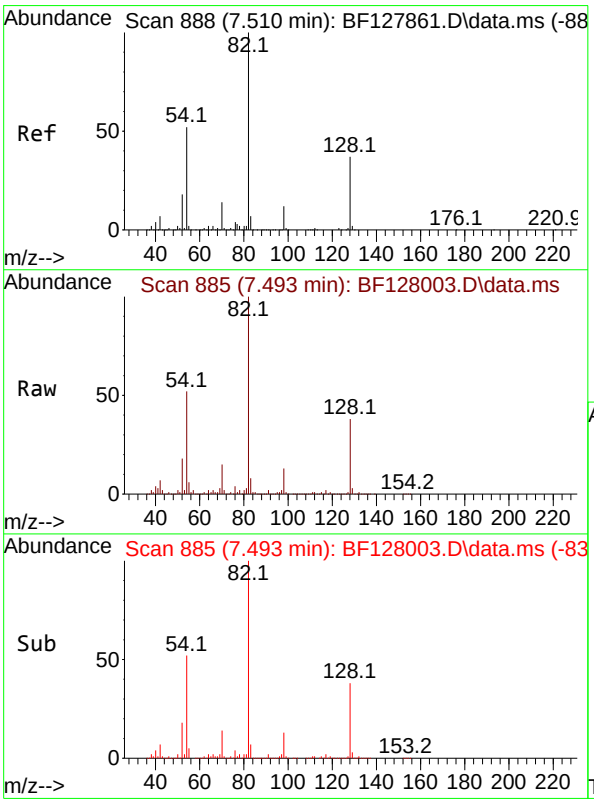
#22
Acetophenone
Concen: 3.897 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.035 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:105 Resp: 34229

Ion	Ratio	Lower	Upper
105	100		
71	18.5	7.3	10.9#
51	7.2	23.7	35.5#
120	0.0	17.0	25.6#

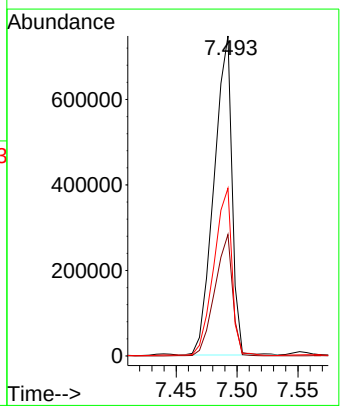


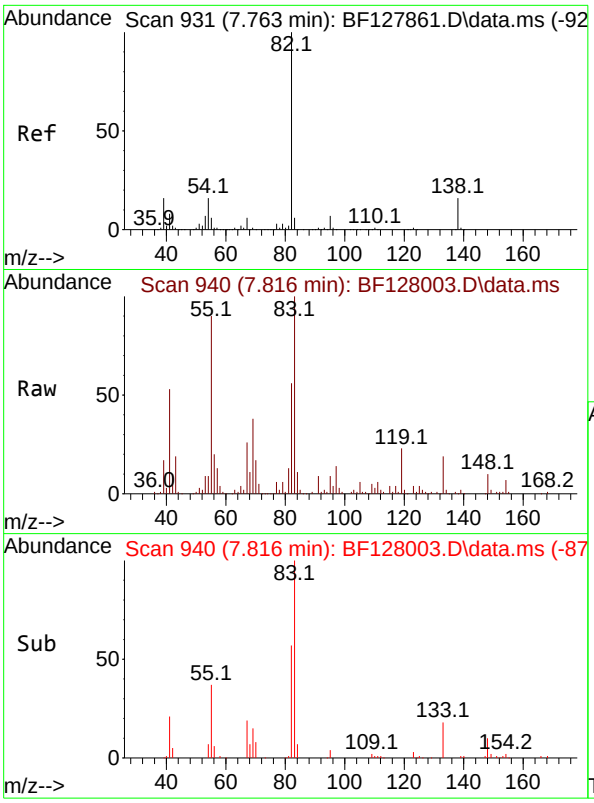


#23
Nitrobenzene-d5
Concen: 100.462 ng
RT: 7.493 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion: 82 Resp: 769801

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.0	45.0
54	52.4	41.3	61.9



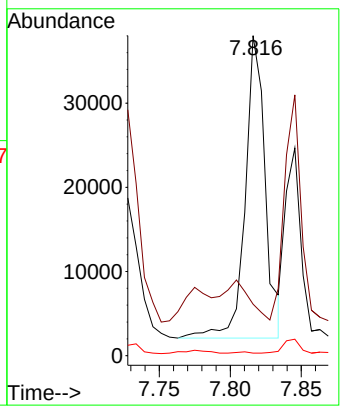


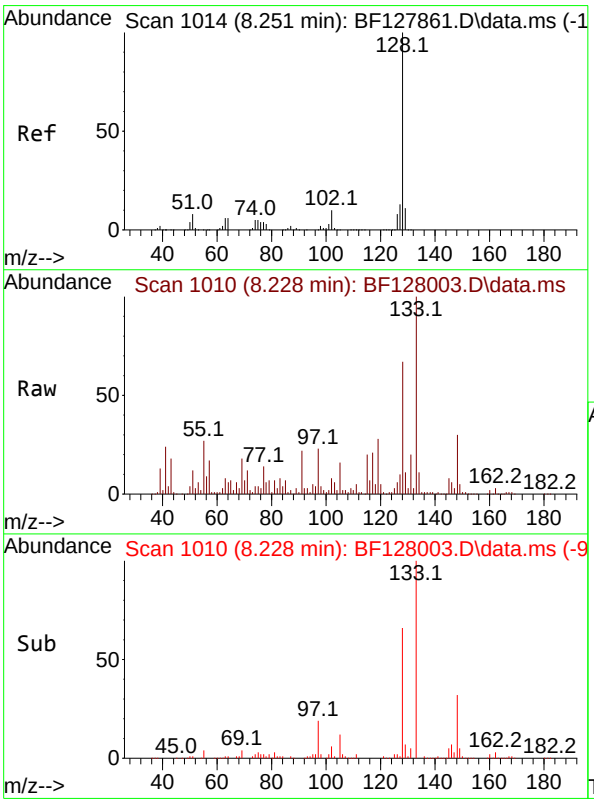
#25
Isophorone
Concen: 2.738 ng
RT: 7.816 min Scan# 94
Delta R.T. 0.059 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion: 82 Resp: 35315

Ion	Ratio	Lower	Upper
82	100		
95	16.1	5.6	8.4#
138	0.8	12.5	18.7#

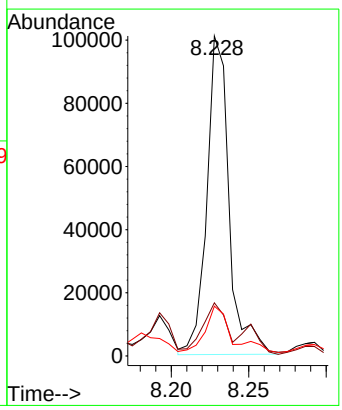


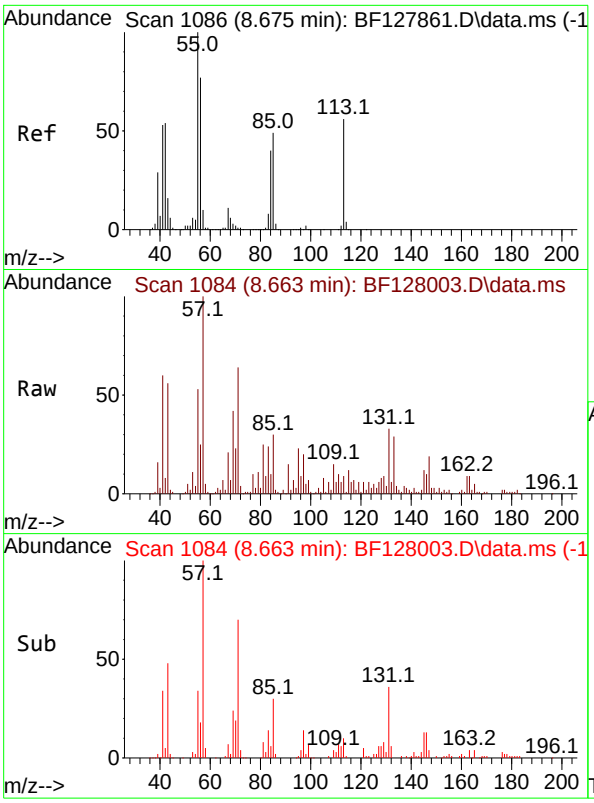


#31
Naphthalene
Concen: 5.501 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:128 Resp: 100949

Ion	Ratio	Lower	Upper
128	100		
129	16.6	9.0	13.4#
127	15.5	10.6	16.0



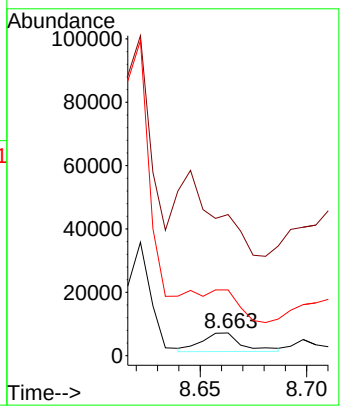


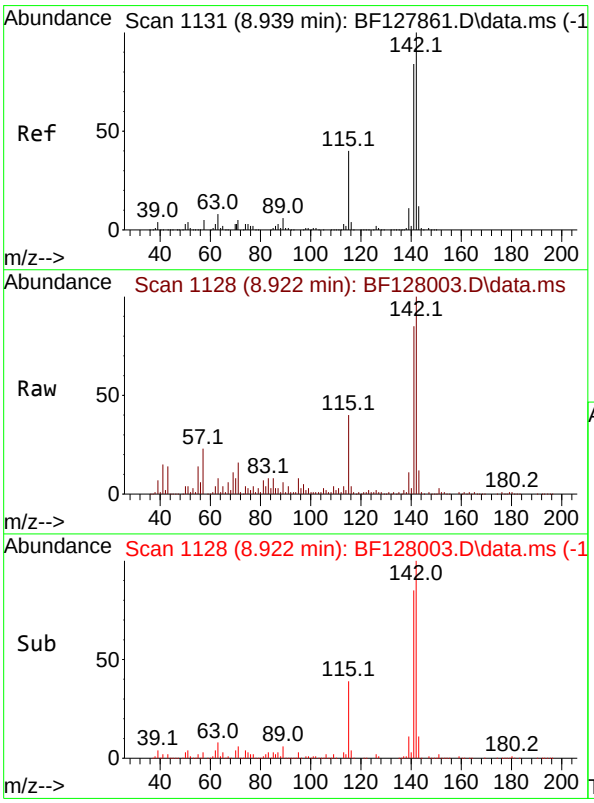
#35
Caprolactam
Concen: 4.344 ng
RT: 8.663 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:113 Resp: 7677

Ion	Ratio	Lower	Upper
113	100		
55	622.7	157.4	197.4#
56	290.5	116.1	156.1#

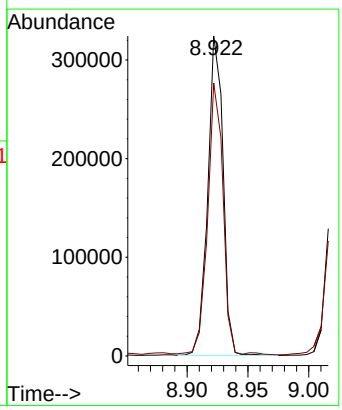


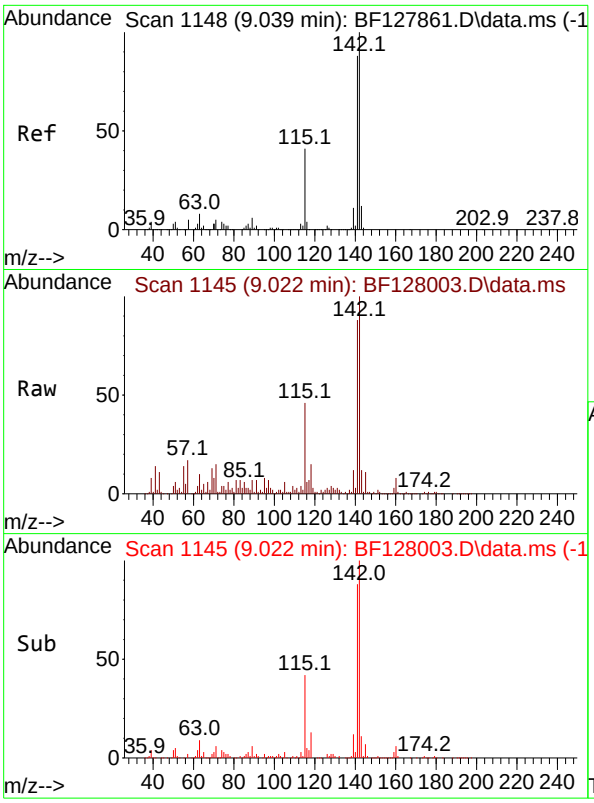


#37
2-Methylnaphthalene
Concen: 23.343 ng
RT: 8.922 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:142 Resp: 283120

Ion	Ratio	Lower	Upper
142	100		
141	85.3	67.4	101.2



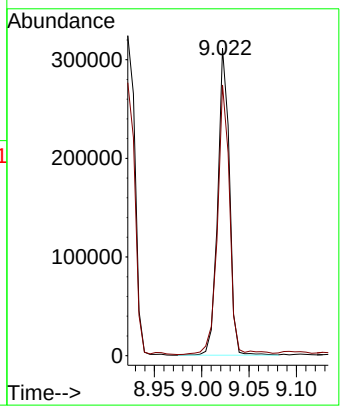


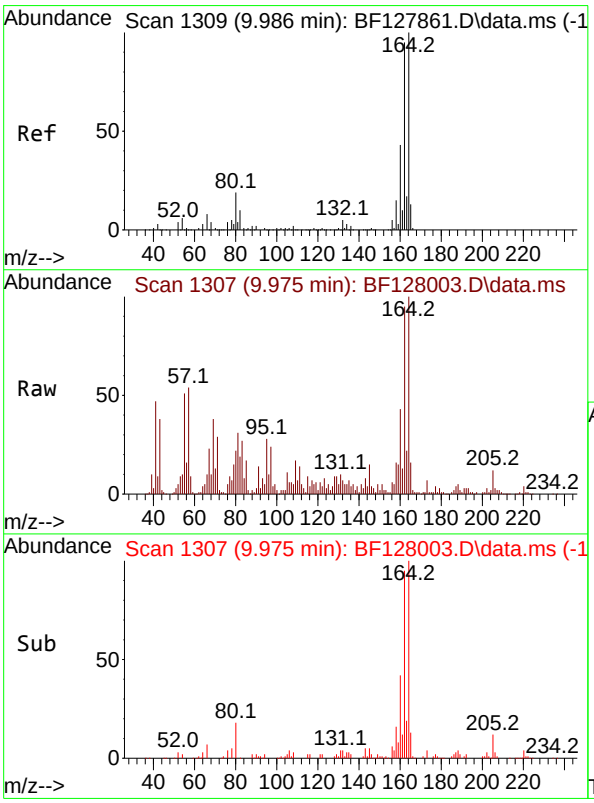
#38
1-Methylnaphthalene
Concen: 22.673 ng
RT: 9.022 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:142 Resp: 267296

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.1	105.1

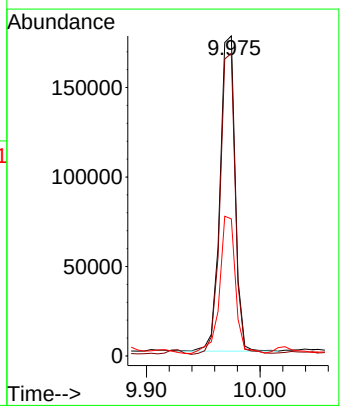


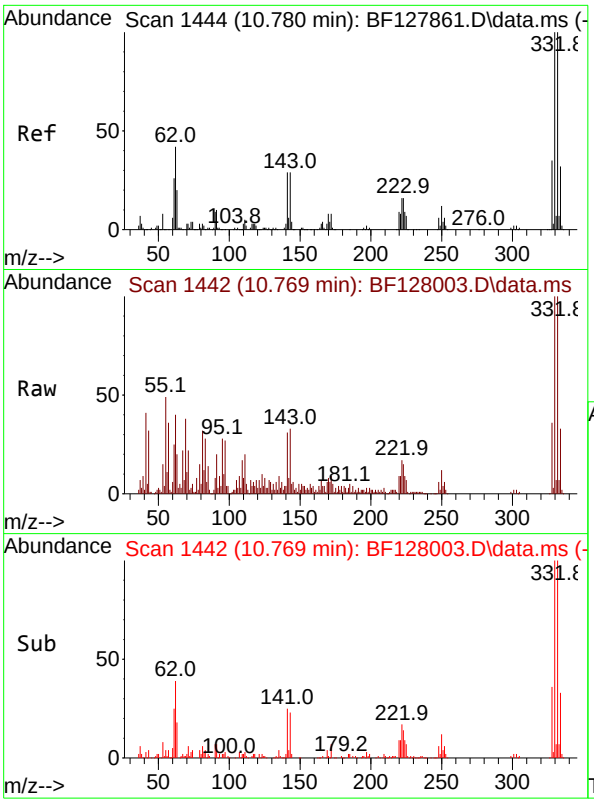


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:164 Resp: 163988

Ion	Ratio	Lower	Upper
164	100		
162	94.6	76.0	114.0
160	42.9	34.8	52.2



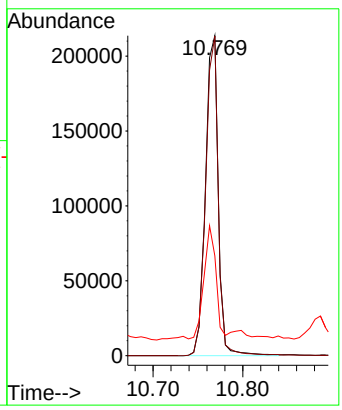


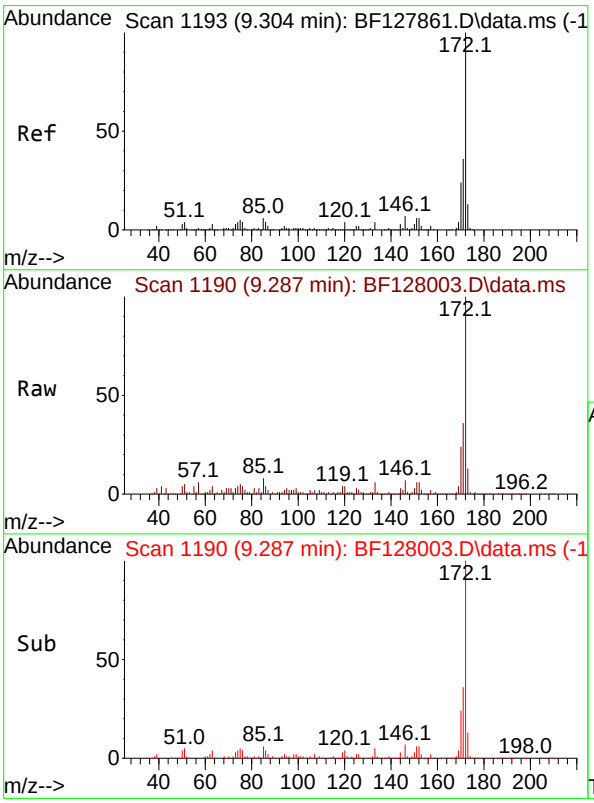
#42
2,4,6-Tribromophenol
Concen: 128.129 ng
RT: 10.769 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:330 Resp: 211517

Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.0	118.4
141	34.9	28.9	43.3

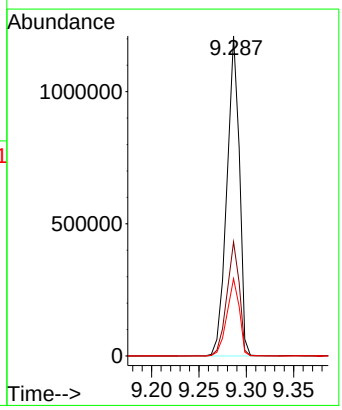


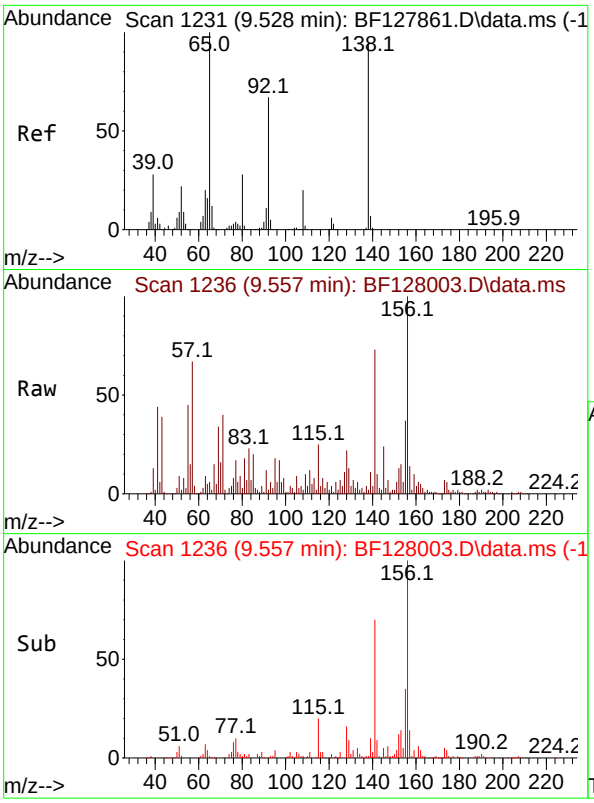


#45
2-Fluorobiphenyl
Concen: 115.749 ng
RT: 9.287 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:172 Resp: 1122008

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	24.2	19.1	28.7



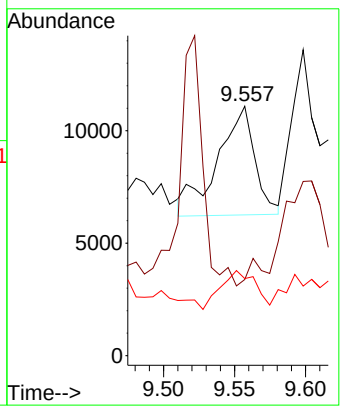


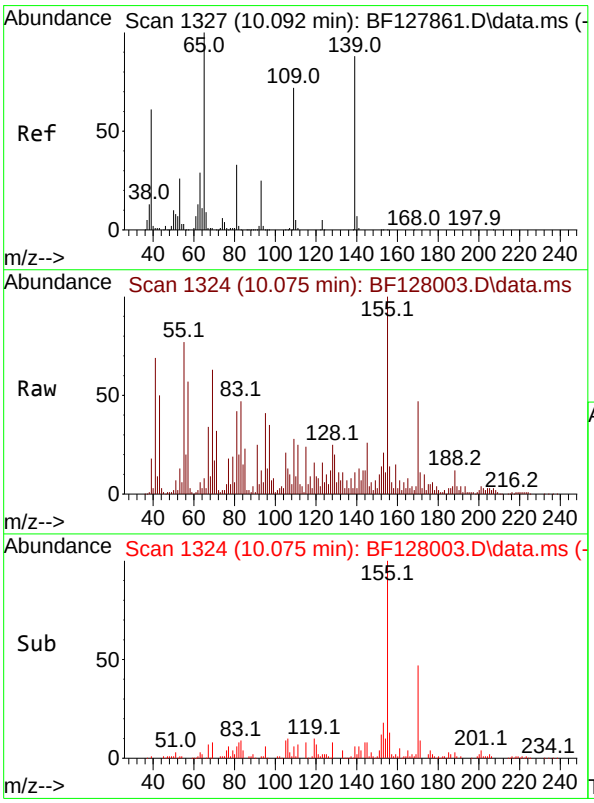
#48
2-Nitroaniline
Concen: 2.841 ng
RT: 9.557 min Scan# 1
Delta R.T. 0.035 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion: 65 Resp: 8888

Ion	Ratio	Lower	Upper
65	100		
92	30.5	53.7	80.5#
138	30.9	76.4	114.6#

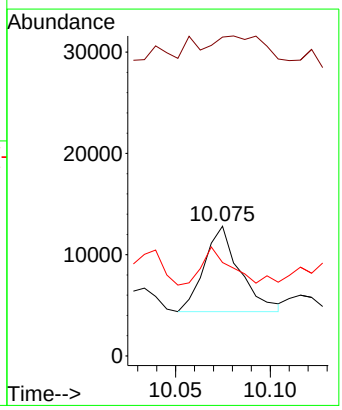


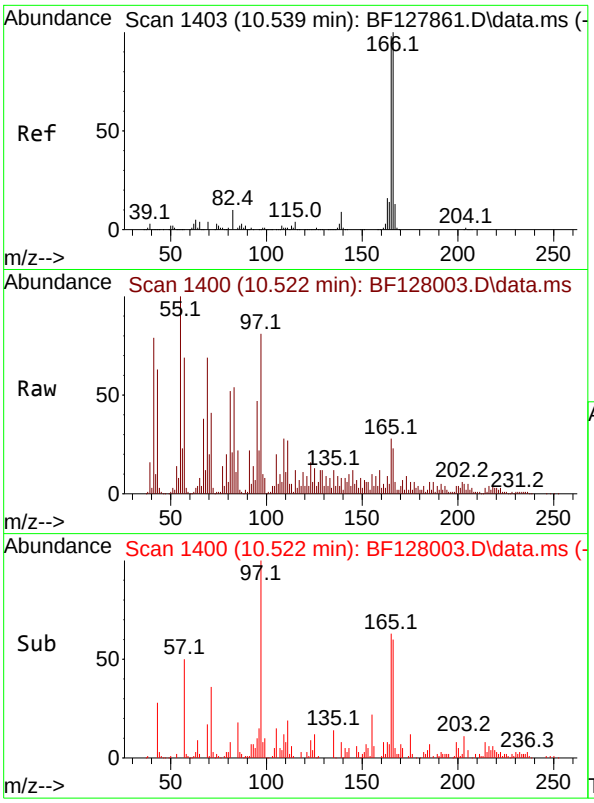


#56
4-Nitrophenol
Concen: 5.449 ng
RT: 10.075 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:139 Resp: 11003

Ion	Ratio	Lower	Upper
139	100		
109	245.7	61.9	101.9#
65	72.0	93.5	133.5#



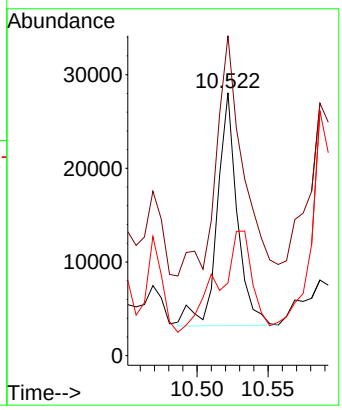


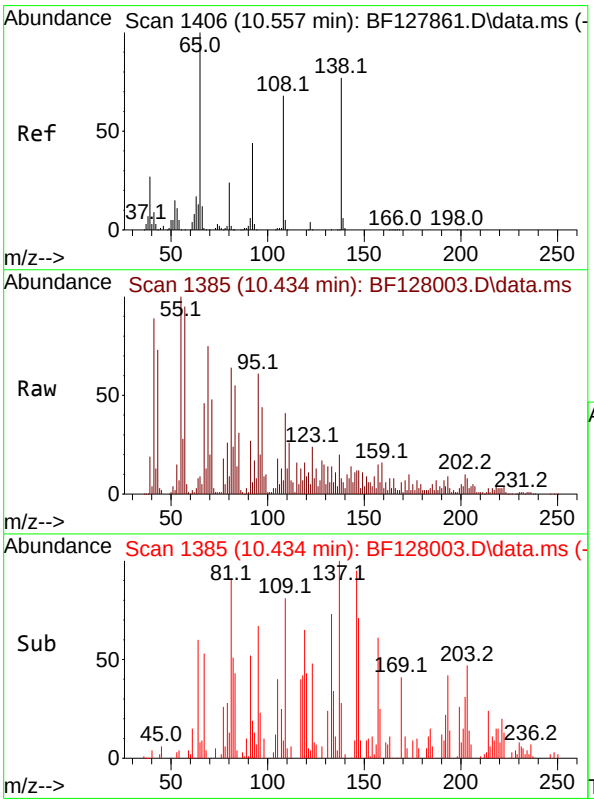
#58
Fluorene
Concen: 2.387 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:166 Resp: 24437

Ion	Ratio	Lower	Upper
166	100		
165	121.8	78.6	117.8#
167	27.7	10.5	15.7#

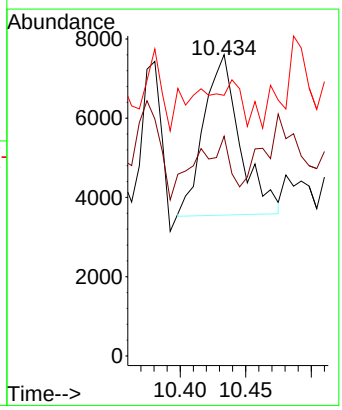


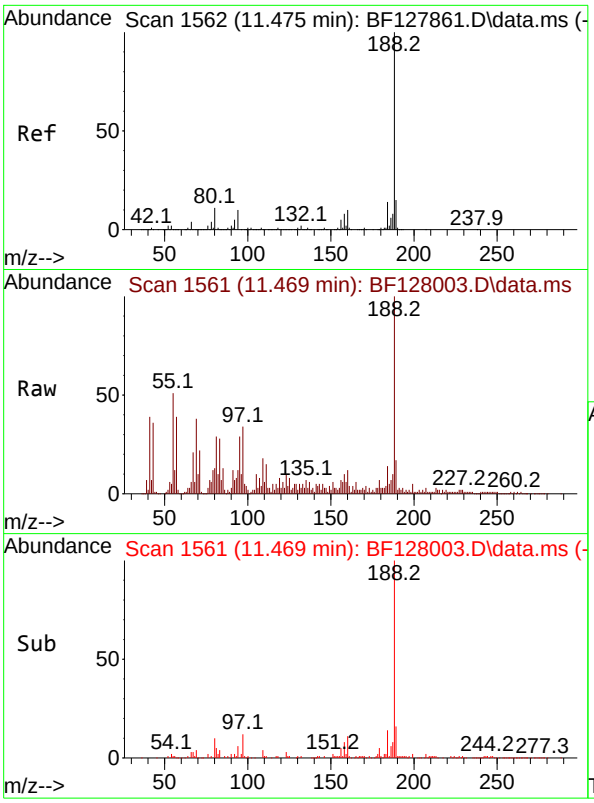


#62
4-Nitroaniline
Concen: 3.015 ng
RT: 10.434 min Scan# 1385
Delta R.T. -0.117 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:138 Resp: 7795

Ion	Ratio	Lower	Upper
138	100		
92	72.9	37.4	77.4
108	86.5	68.4	108.4



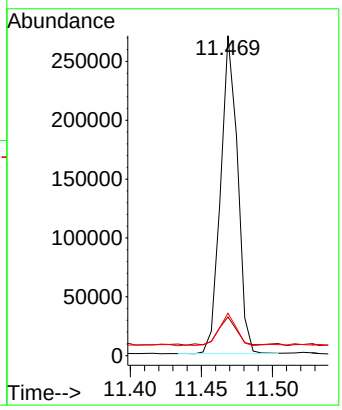


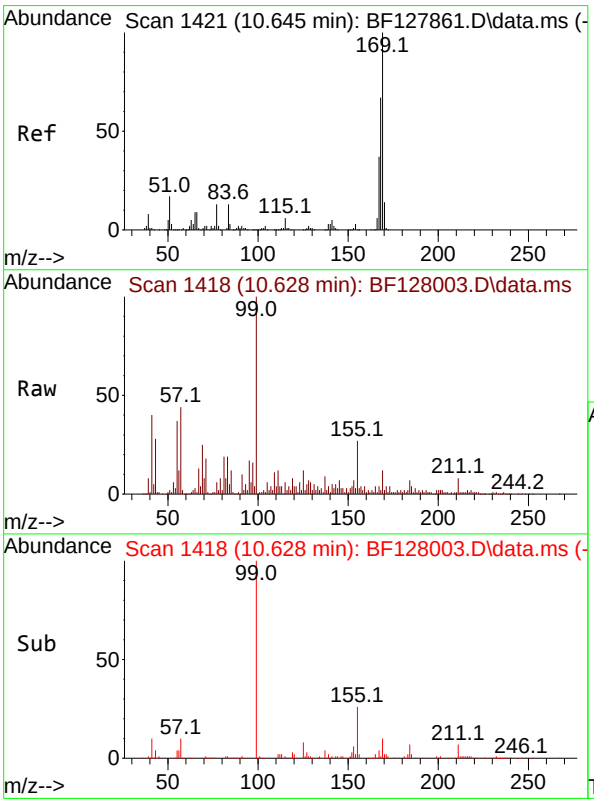
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:188 Resp: 224379

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.0	12.0#
80	13.3	8.9	13.3

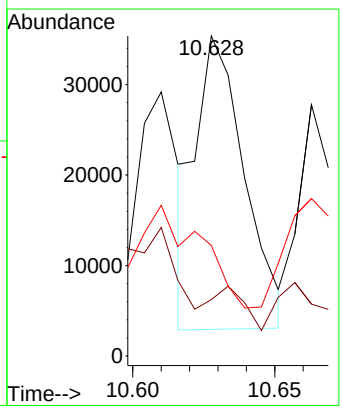


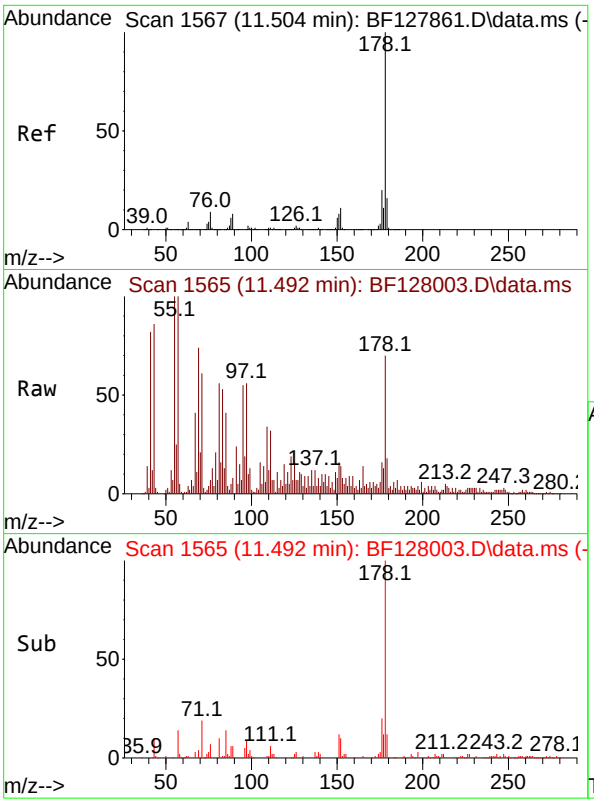


#66
n-Nitrosodiphenylamine
Concen: 5.512 ng
RT: 10.628 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:169 Resp: 38482

Ion	Ratio	Lower	Upper
169	100		
168	17.6	53.8	80.6#
167	34.5	29.5	44.3



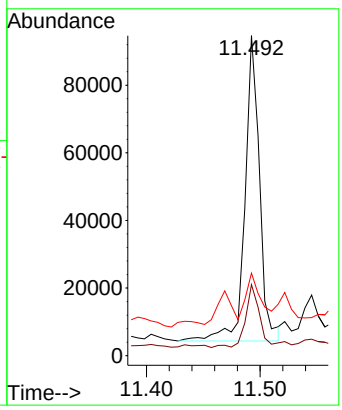


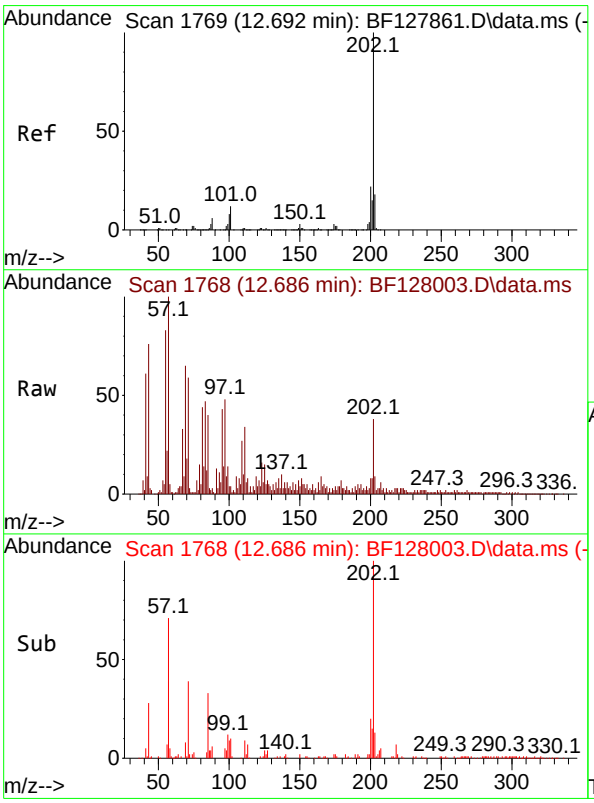
#71
Phenanthrene
Concen: 6.893 ng
RT: 11.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:178 Resp: 80955

Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.7	23.5
179	25.8	12.6	19.0#

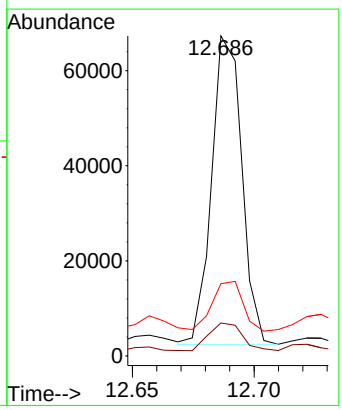


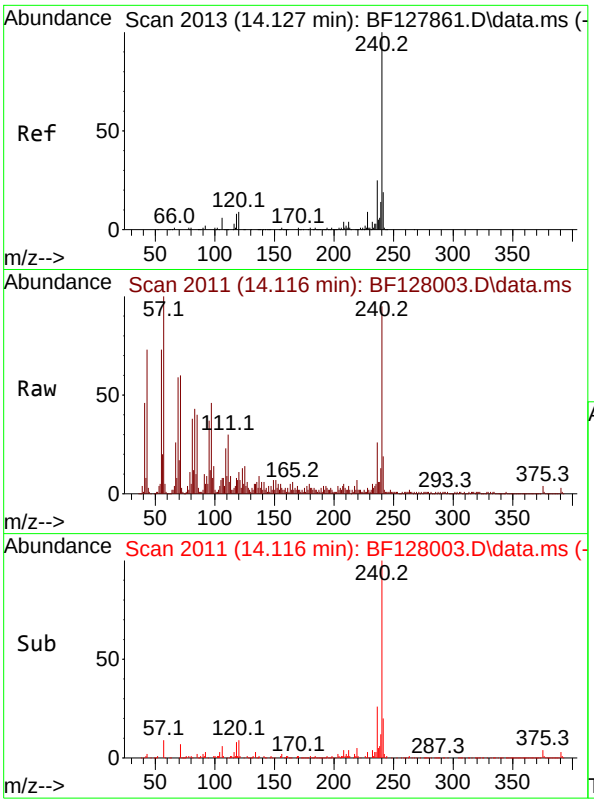


#75
Fluoranthene
Concen: 4.525 ng
RT: 12.686 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:202 Resp: 55931

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.6
203	22.6	0.0	38.1



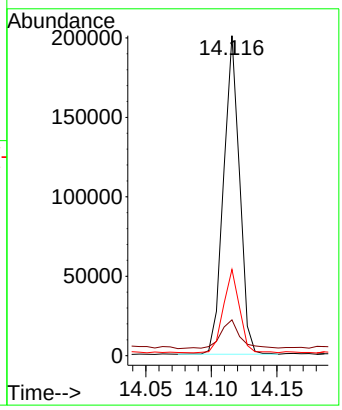


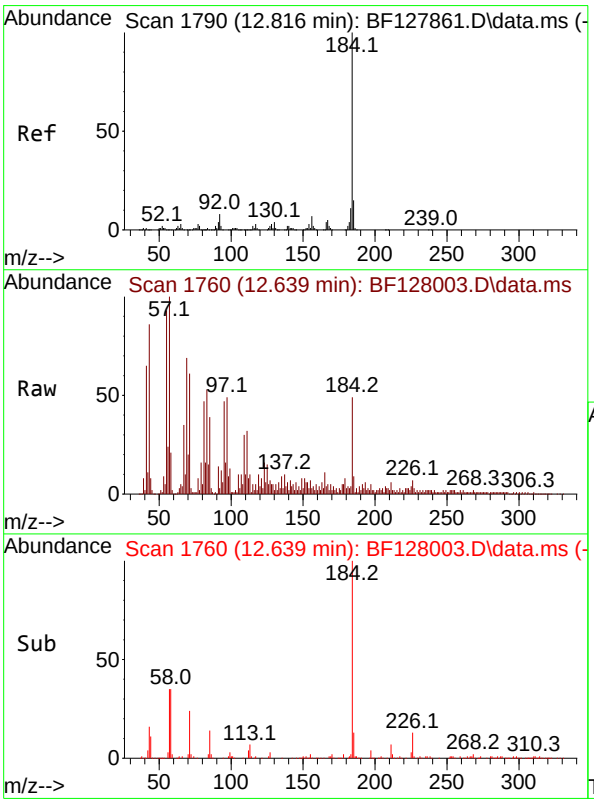
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:240 Resp: 169695

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.0	10.6#
236	27.0	20.3	30.5

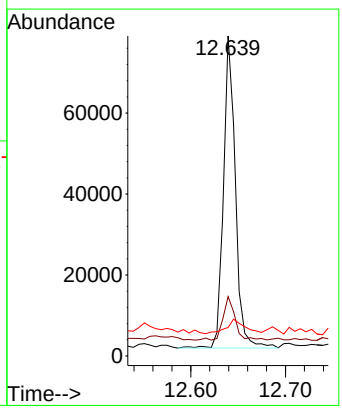


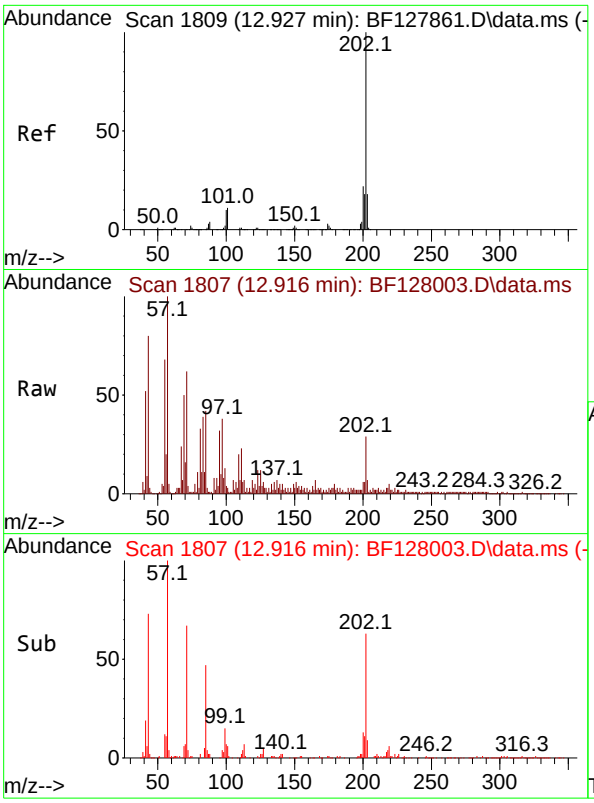


#77
Benzidine
Concen: 21.206 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.165 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:184 Resp: 68091

Ion	Ratio	Lower	Upper
184	100		
185	18.6	12.1	18.1#
183	8.9	9.0	13.4#



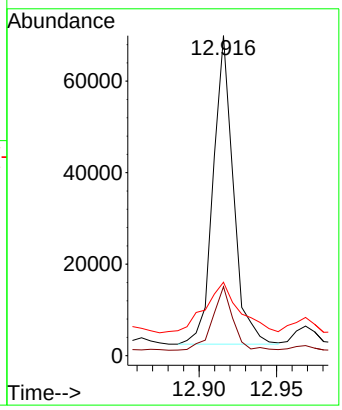


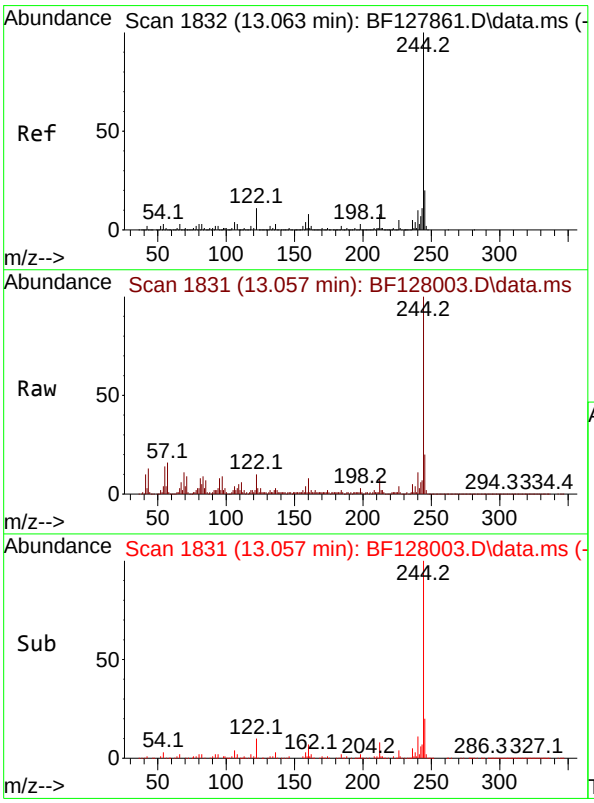
#78
Pyrene
Concen: 4.443 ng
RT: 12.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:202 Resp: 60866

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	23.0	14.0	21.0#

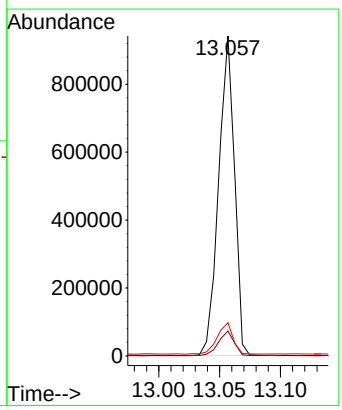


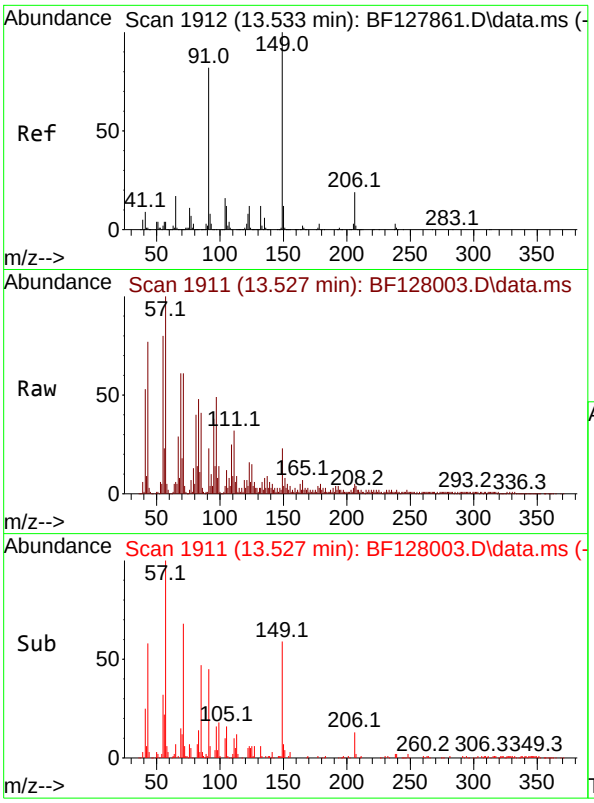


#79
Terphenyl-d14
Concen: 92.149 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:244 Resp: 855161

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	10.4	8.6	12.8



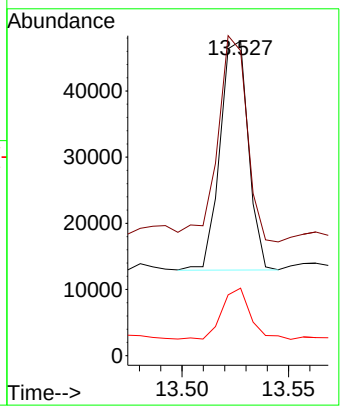


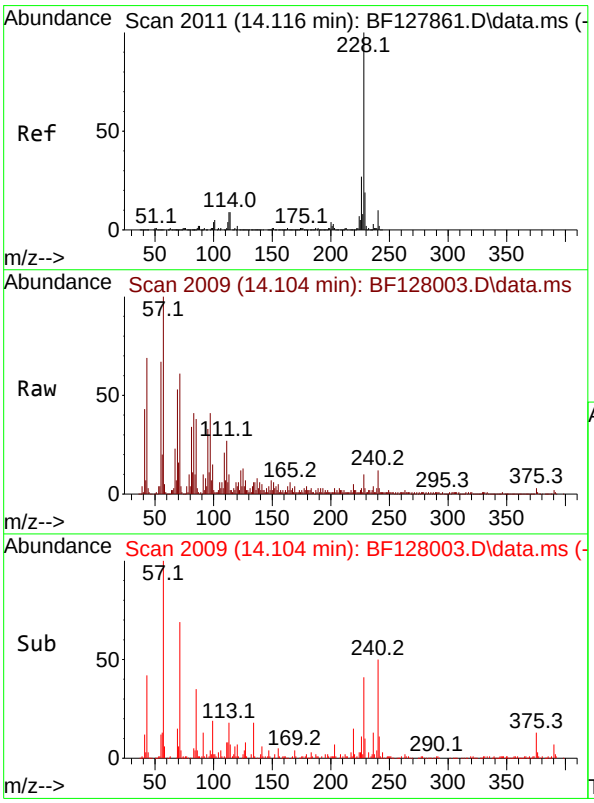
#80
Butylbenzylphthalate
Concen: 5.946 ng
RT: 13.527 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:149 Resp: 31925

Ion	Ratio	Lower	Upper
149	100		
91	96.9	65.8	98.6
206	21.5	15.4	23.2

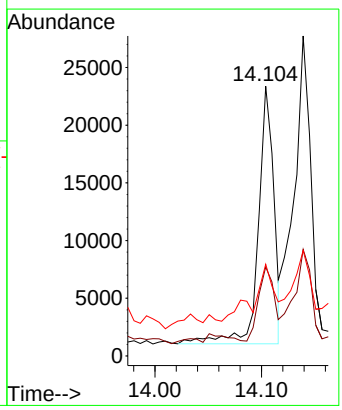


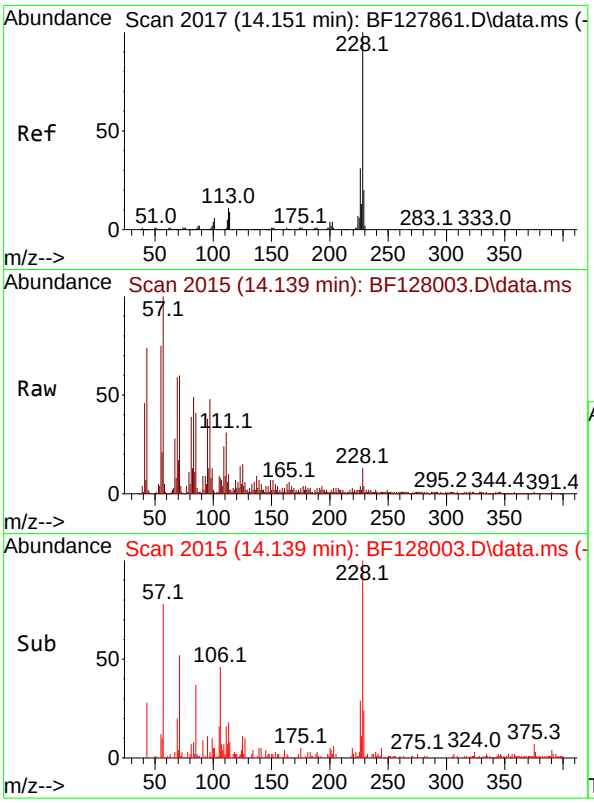


#81
Benzo(a)anthracene
Concen: 2.011 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:228 Resp: 22743

Ion	Ratio	Lower	Upper
228	100		
226	33.0	21.7	32.5#
229	34.0	15.4	23.2#



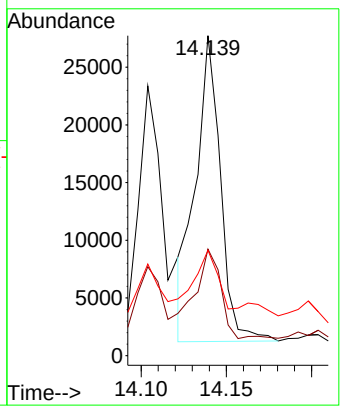


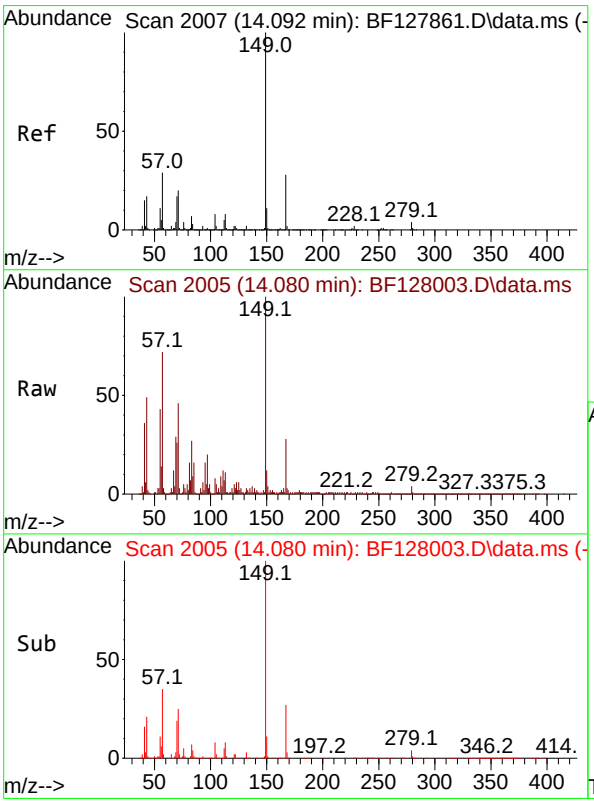
#83
Chrysene
Concen: 2.500 ng
RT: 14.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:228 Resp: 27003

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.4	36.6
229	32.9	15.8	23.8#

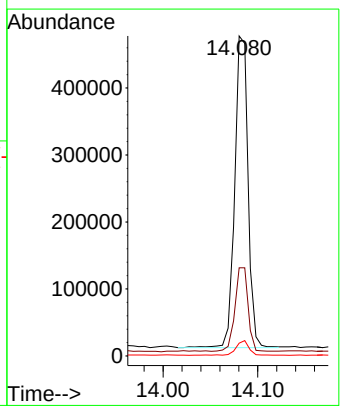


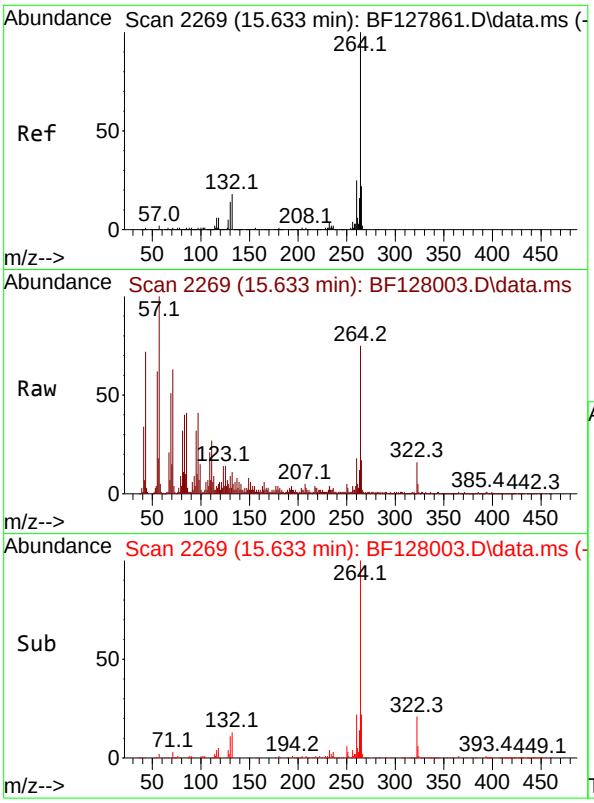


#84
Bis(2-ethylhexyl)phthalate
Concen: 63.656 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:149 Resp: 453246

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	4.0	3.4	5.0



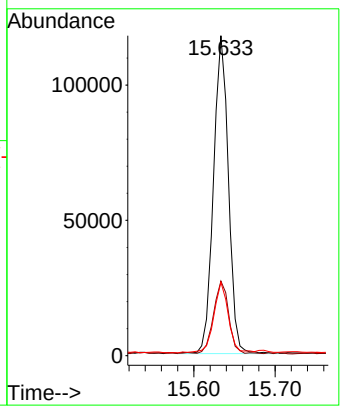


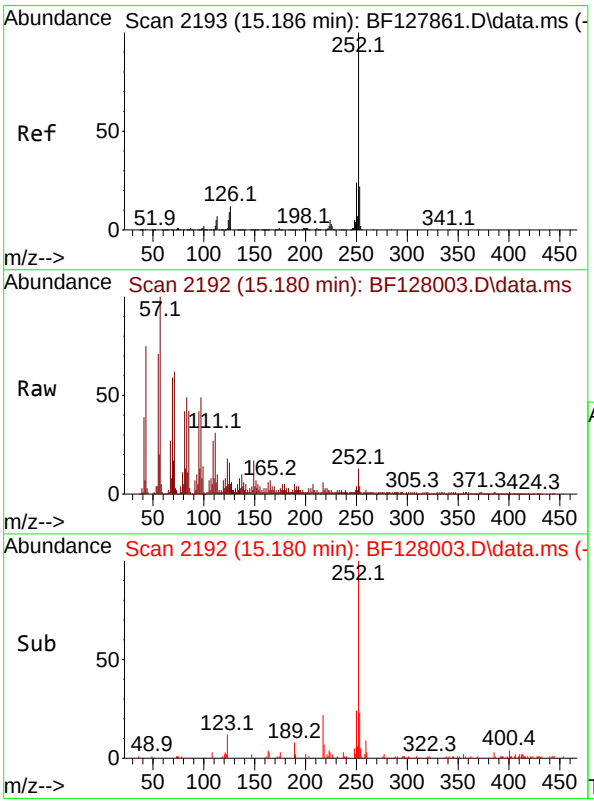
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:264 Resp: 150515

Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.1	30.1
265	22.9	17.5	26.3

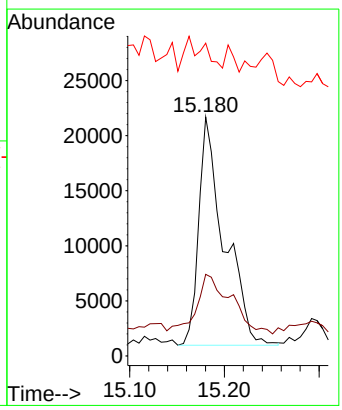


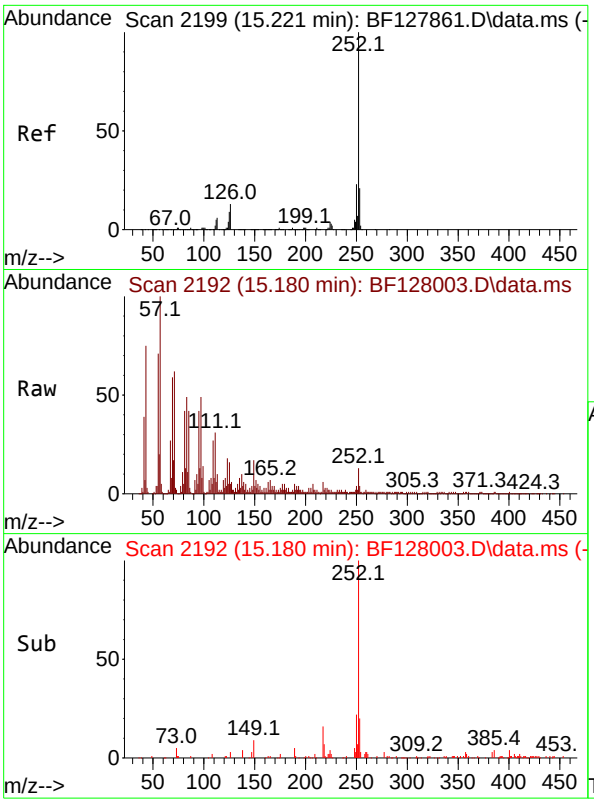


#88
Benzo(b)fluoranthene
Concen: 4.101 ng
RT: 15.180 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Tgt Ion:252 Resp: 38771

Ion	Ratio	Lower	Upper
252	100		
253	34.2	17.4	26.2#
125	131.0	7.4	11.2#





#89
Benzo(k)fluoranthene
Concen: 4.071 ng
RT: 15.180 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF128003.D
Acq: 29 Apr 2022 19:10

Instrument :
BNA_F
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:252 Resp: 38771

Ion	Ratio	Lower	Upper
252	100		
253	34.2	17.0	25.4#
125	131.0	6.8	10.2#