Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

Quant Time: Aug 17 04:05:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	185739	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	652001	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	283614	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	437428	20.00	ng		0.00
75) Chrysene-d12	14.21	240	404446	20.00	ng		0.00
86) Perylene-d12	15.78	264	359213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	618659	60.30	ng		0.01
7) Phenol-d6	6.63	99	509885	37.40	ng		0.00
23) Nitrobenzene-d5	7.58	82	1055420	90.33	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	332791	117.64	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1756790	99.45	ng		0.00
78) Terphenyl-d14	13.15	244	1424681	89.56	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.64	94	45680	3.239	ng		95
19) n-Nitroso-di-n-propylamine	7.58	70	157578	17.092	ng	#	84
25) Isophorone	7.58	82	1050638	47.176	ng	#	64
32) Benzoic acid	8.07	122	2465	6.351	ng	#	27
49) Dimethylphthalate	9.77	163	233534	11.821	ng	#	98
53) 2,4-Dinitrophenol	10.11	184	108	7.084	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.67	198	113	5.420	ng	#	1
70) Phenanthrene	11.58	178	48654	2.358	ng	#	95
74) Fluoranthene	12.78	202	115980	5.151	ng		93
77) Pyrene	12.78	202	115980	4.529	ng		96
82) Chrysene	14.24	228	47598	2.237	ng	#	94
83) Bis(2-ethylhexyl)phthalate	14.17	149	120275	8.735	ng		96
87) Benzo(b)fluoranthene	15.31	252	71849	3.347	ng	#	71
88) Benzo(k)fluoranthene	15.31	252	71849	3.641	ng	#	74

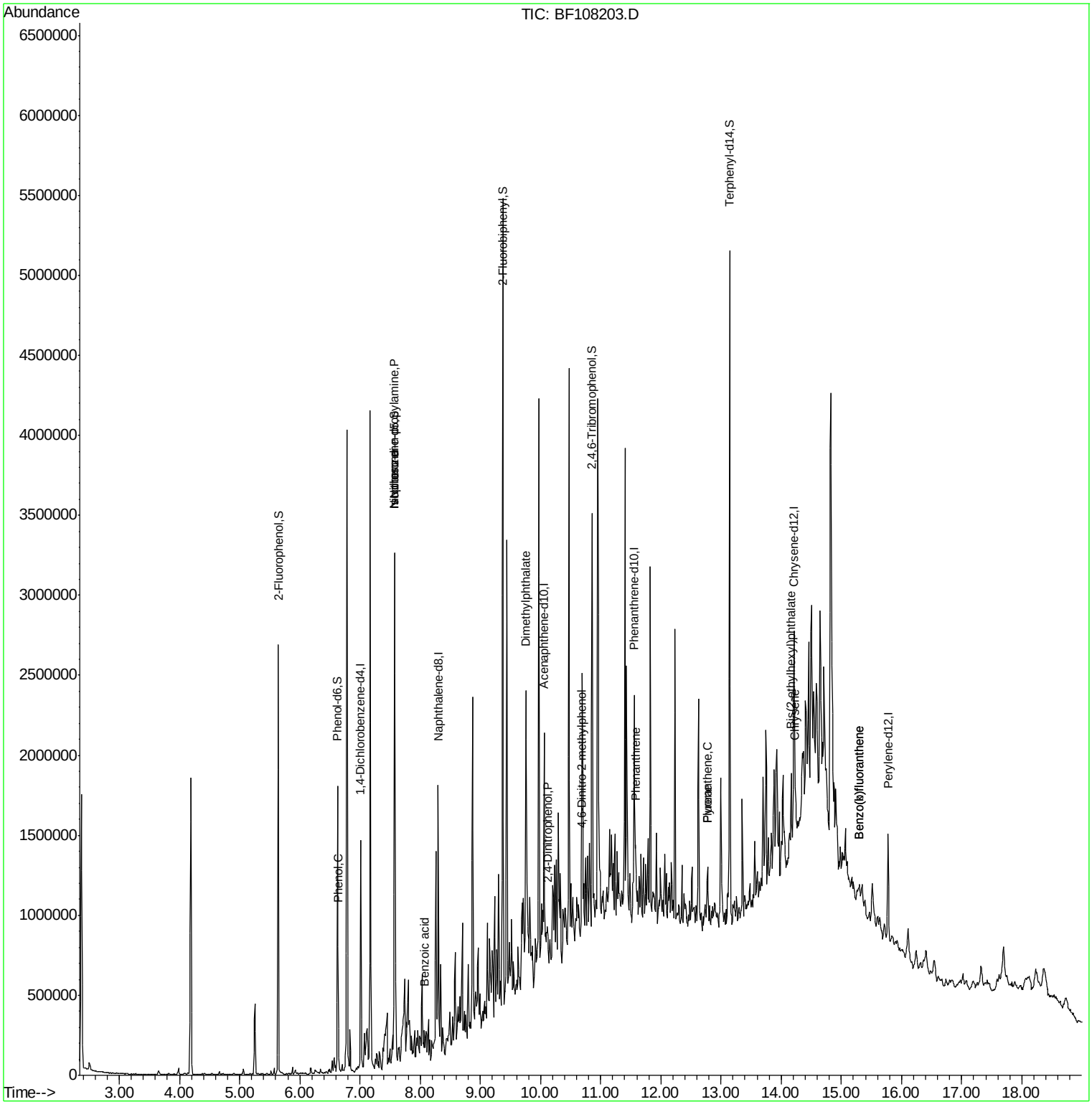
(#) = qualifier out of range (m) = manual integration (+) = signals summed

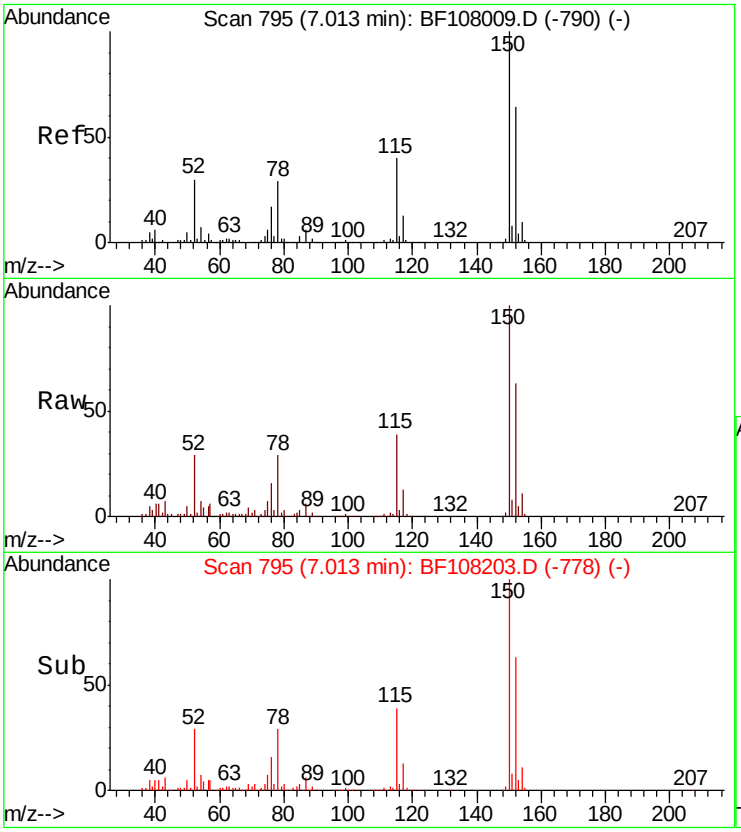
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Quant Time: Aug 17 04:05:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration



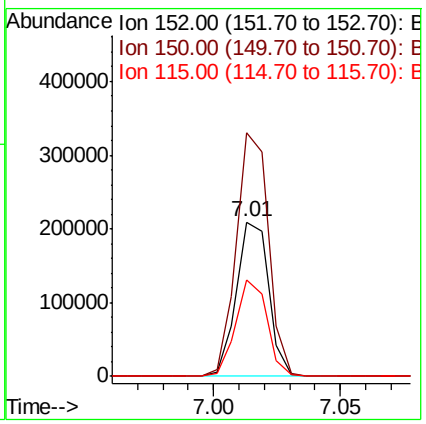


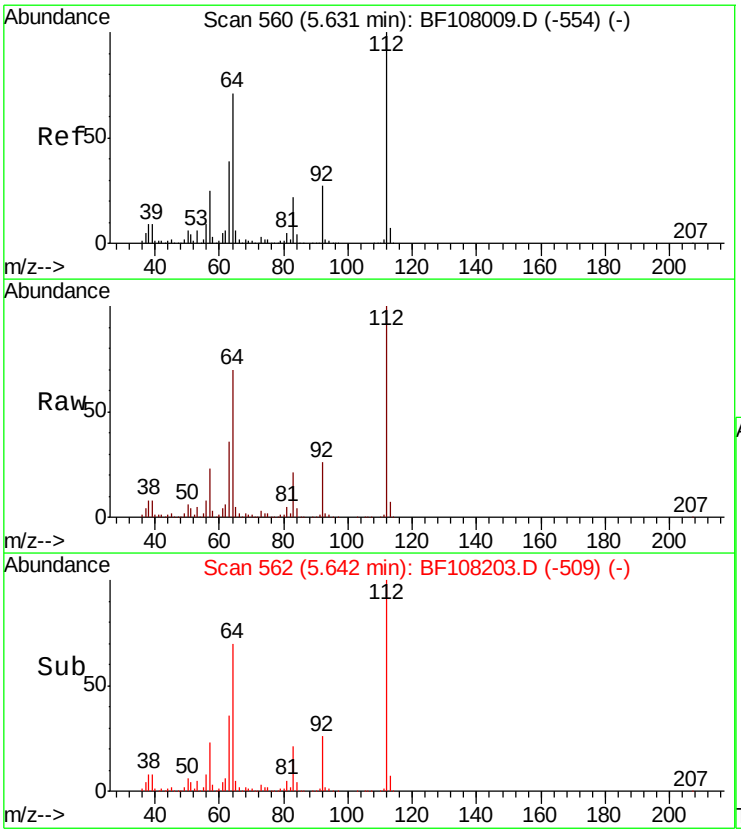
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:152 Resp: 185739

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	62.4	50.1	75.1

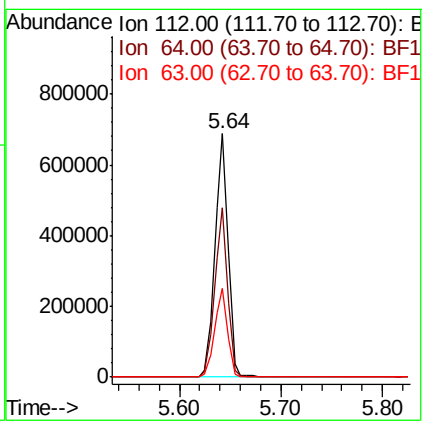


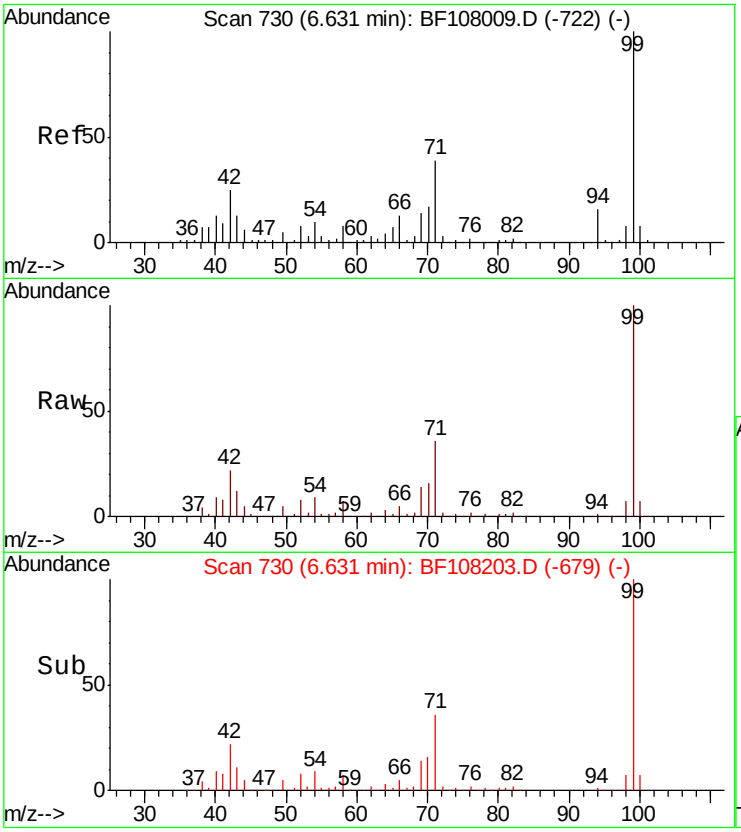


#5
2-Fluorophenol
Concen: 60.303 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:112 Resp: 618659

Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	36.3	23.7	35.5#



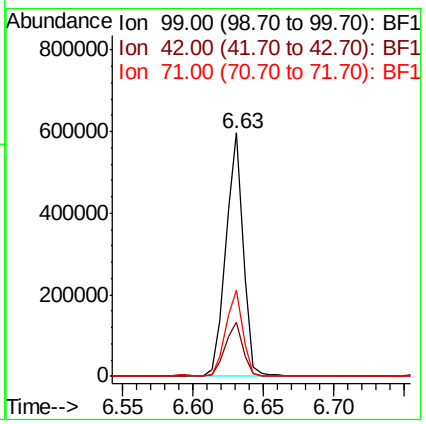


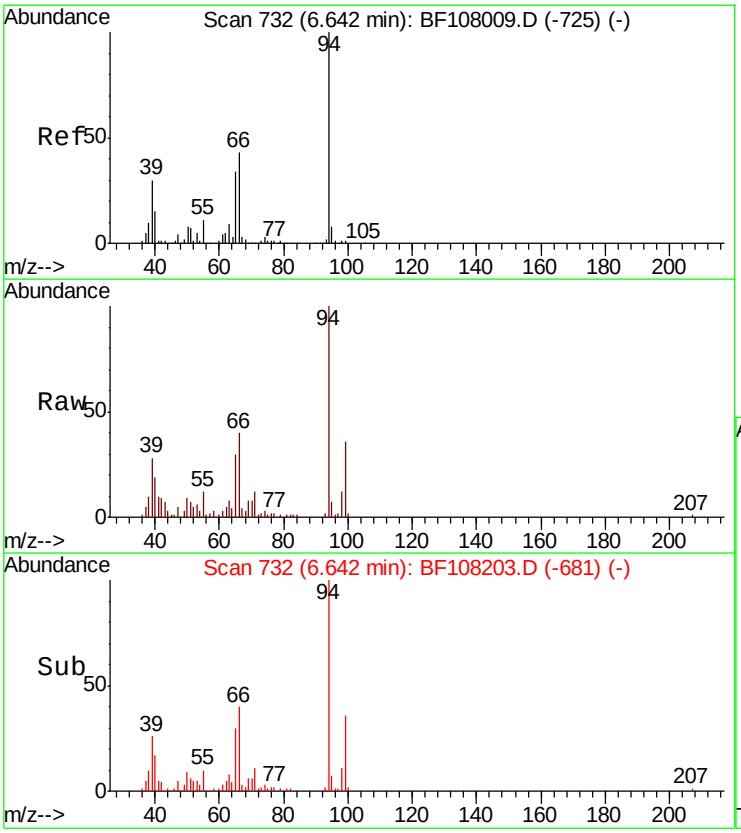
#7
Phenol-d6
Concen: 37.400 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion: 99 Resp: 509885

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	35.5	25.4	38.0

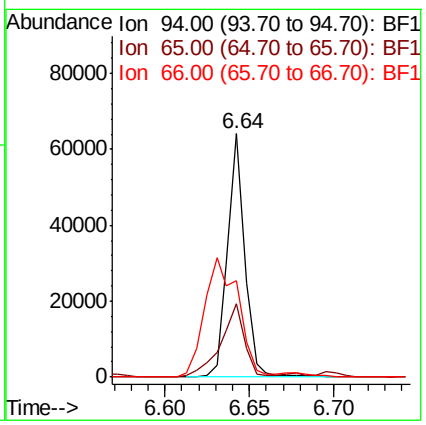


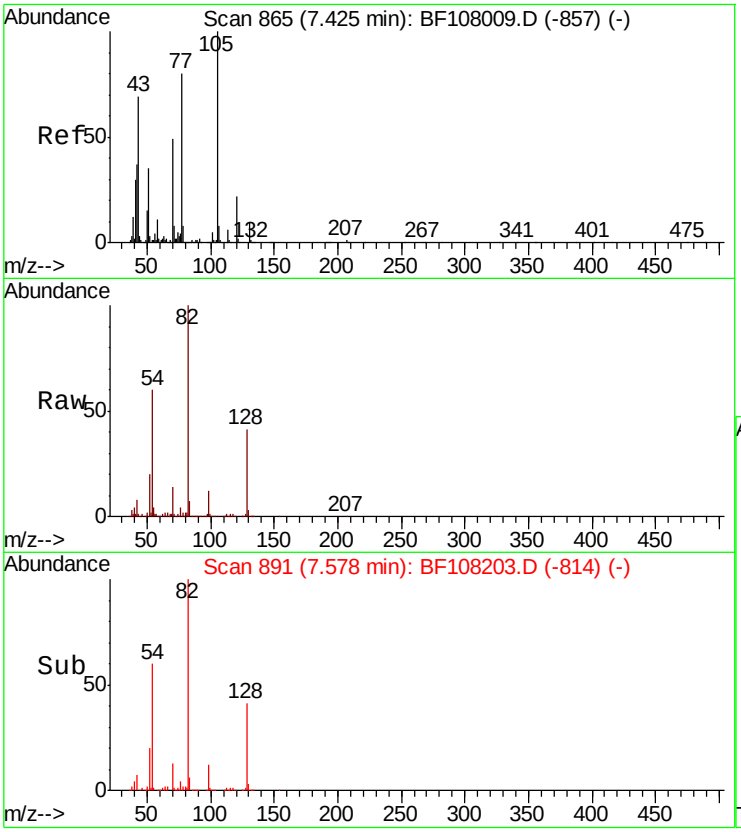


#10
Phenol
Concen: 3.239 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion: 94 Resp: 45680

Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.9	47.9
66	39.5	16.2	56.2



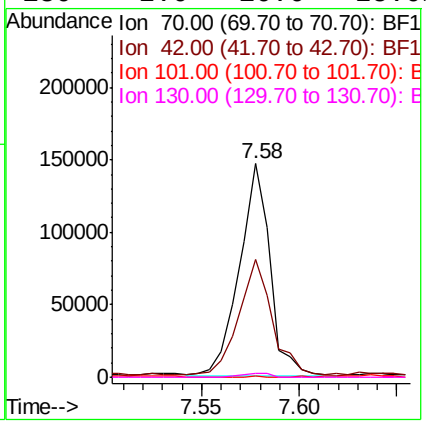


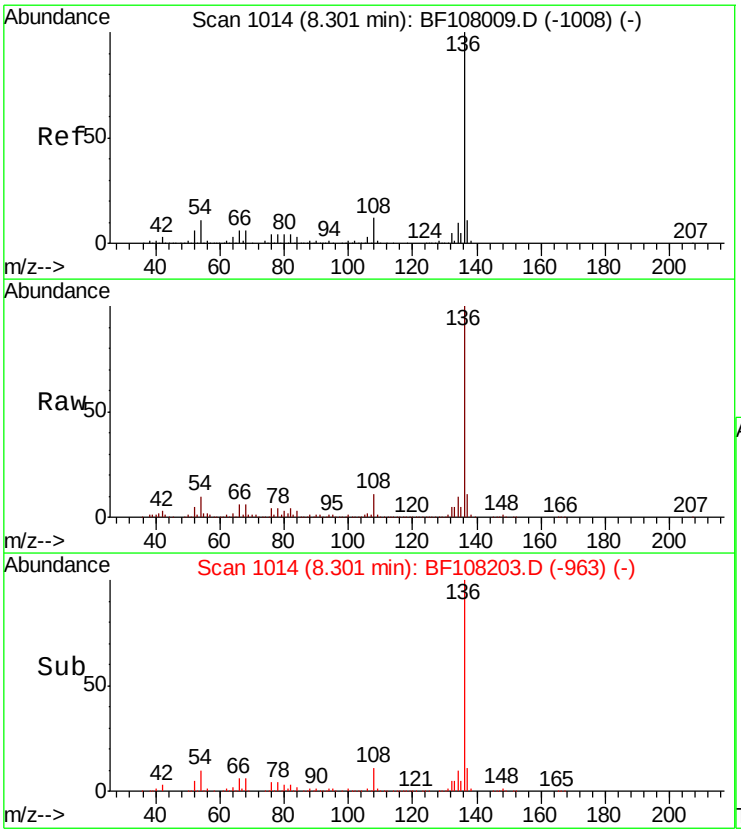
#19
n-Nitroso-di-n-propylamine
Concen: 17.092 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion: 70 Resp: 157578

Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.5	71.3
101	0.4	7.4	11.2#
130	2.0	16.6	25.0#

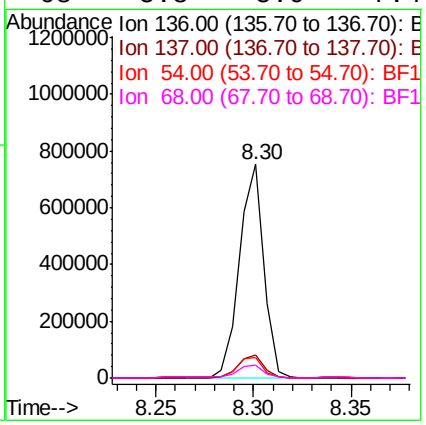


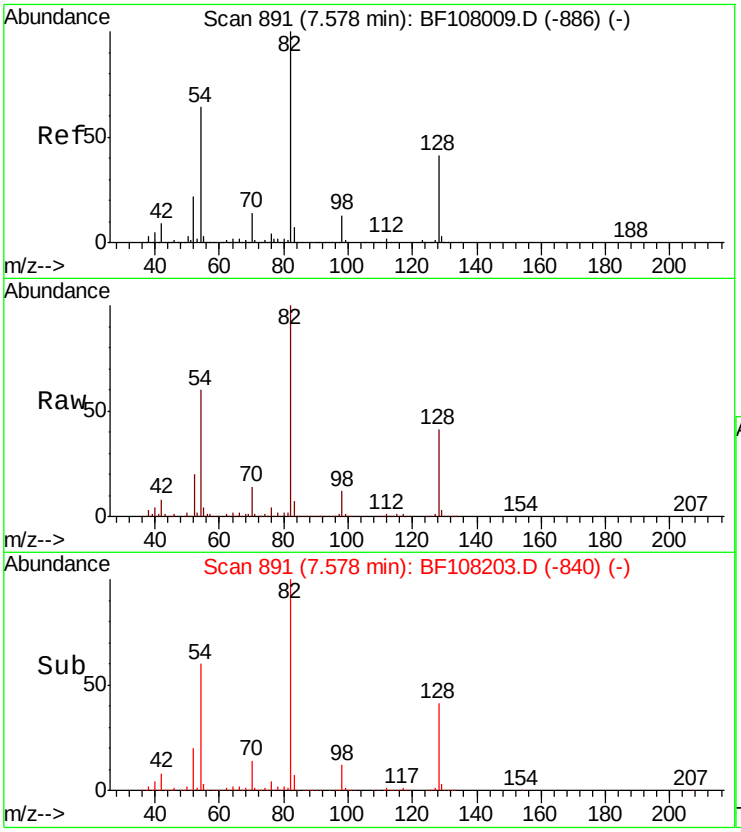


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:136 Resp: 652001

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	6.6	9.8
68	5.8	5.0	7.4



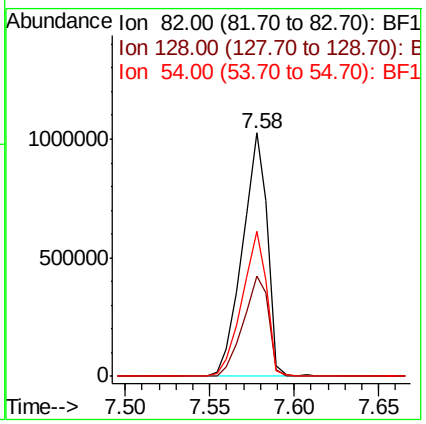


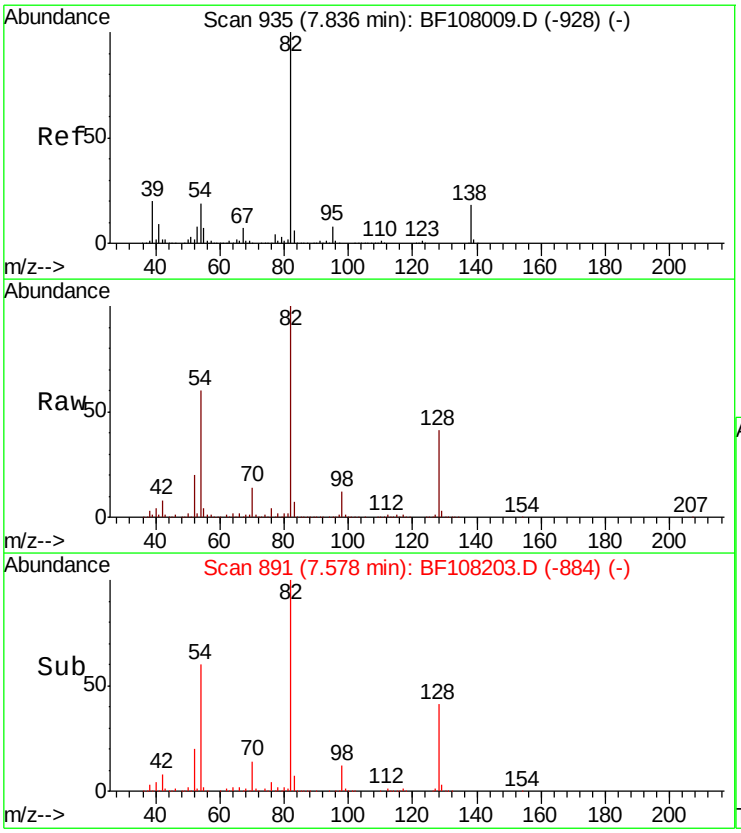
#23
Nitrobenzene-d5
Concen: 90.328 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion: 82 Resp: 1055420

Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	59.8	41.4	62.2

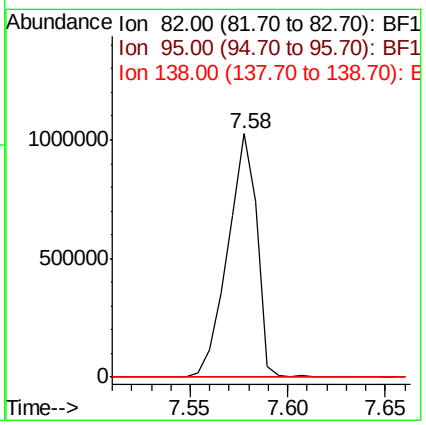


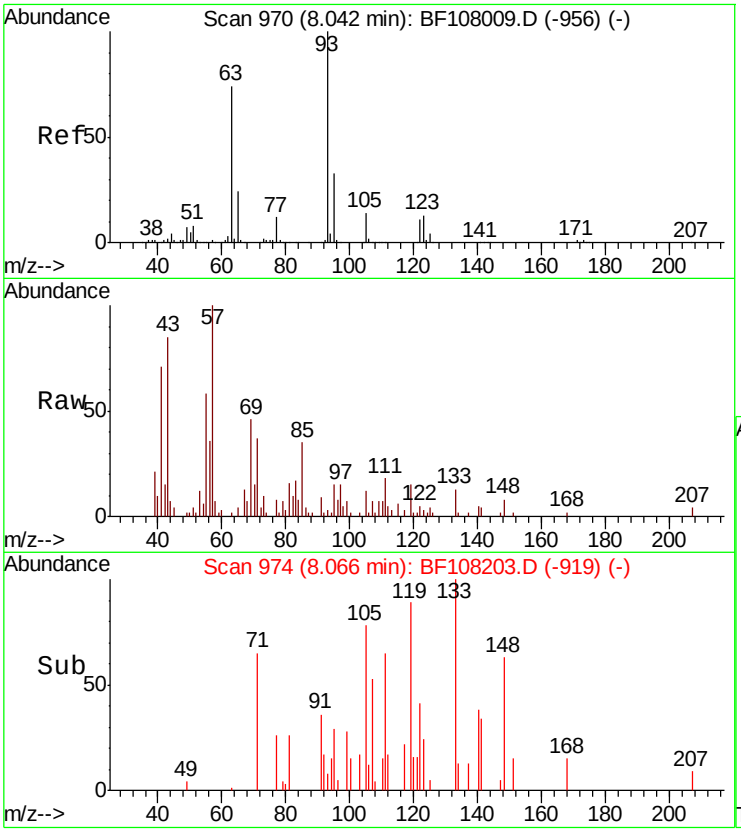


#25
Isophorone
Concen: 47.176 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion: 82 Resp: 1050638

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



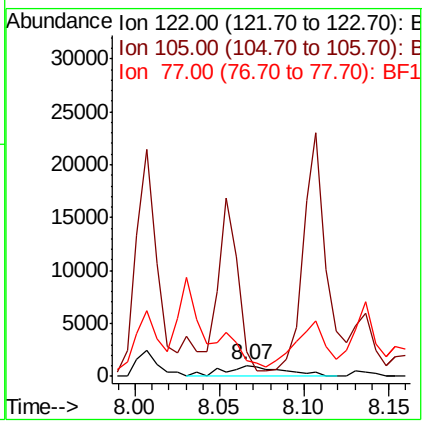


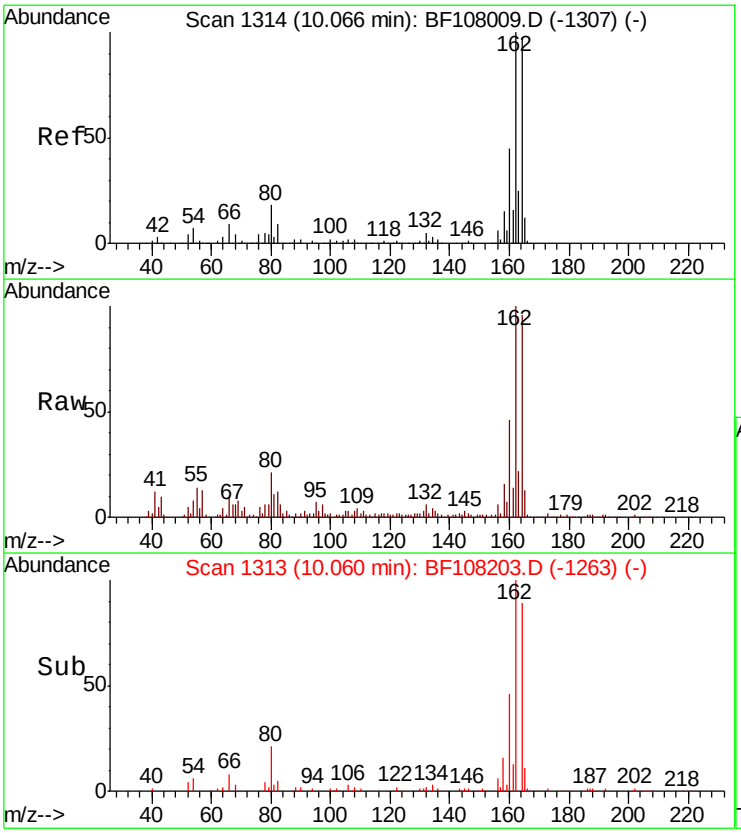
#32
Benzoic acid
Concen: 6.351 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:122 Resp: 2465

Ion	Ratio	Lower	Upper
122	100		
105	220.3	101.1	141.1#
77	139.5	70.7	110.7#

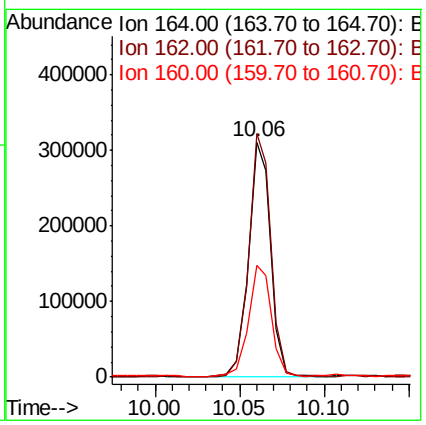


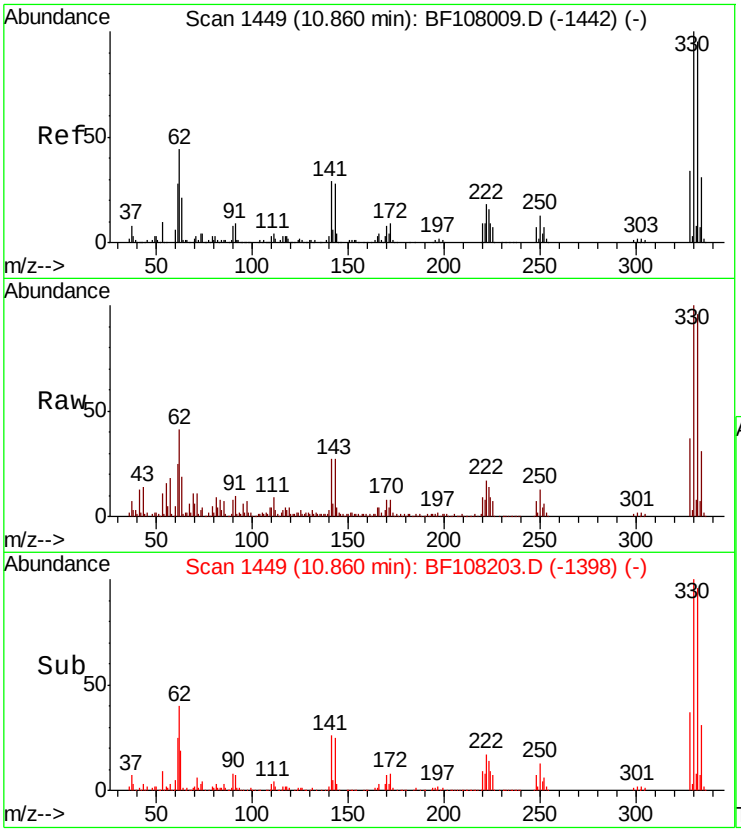


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:164 Resp: 283614

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.6	38.3	57.5



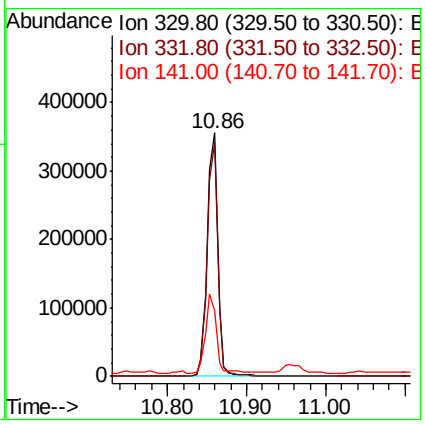


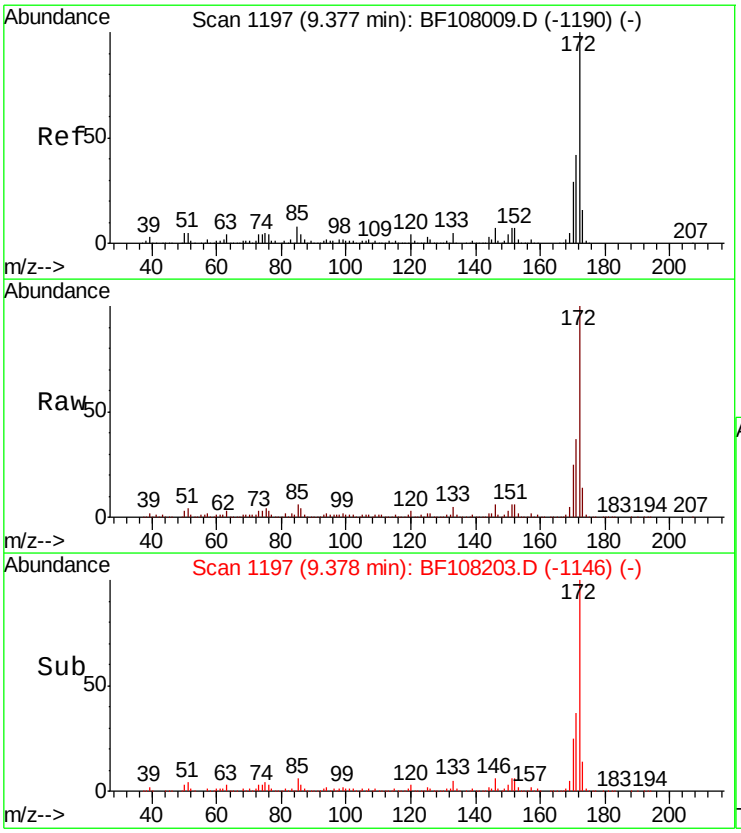
#41
2,4,6-Tribromophenol
Concen: 117.636 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:330 Resp: 332791

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.2	29.9	44.9

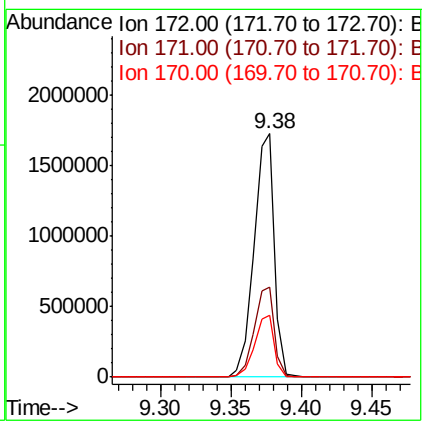


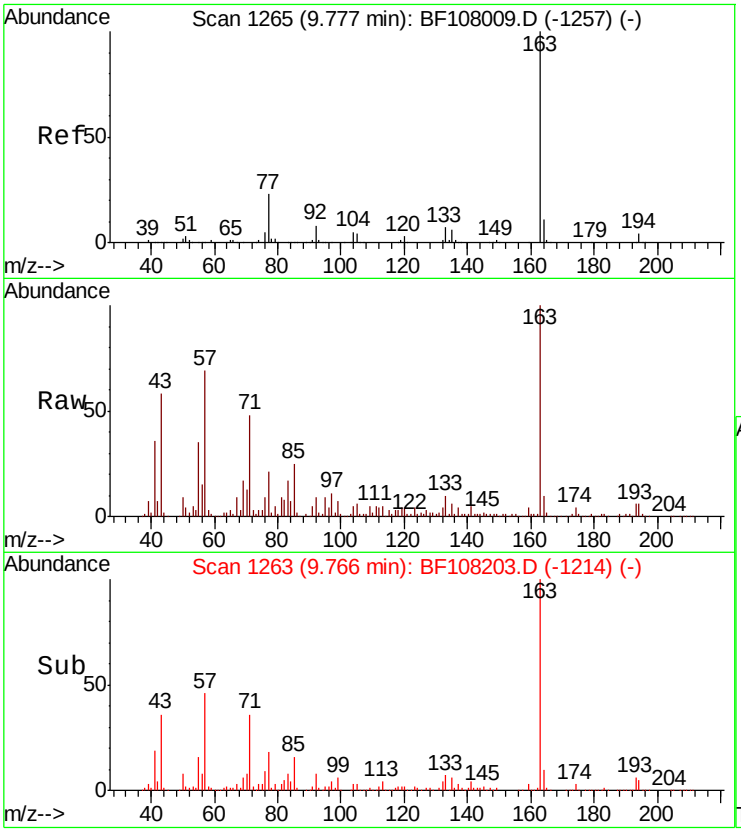


#44
2-Fluorobiphenyl
Concen: 99.448 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:172 Resp: 1756790

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.2	19.6	29.4



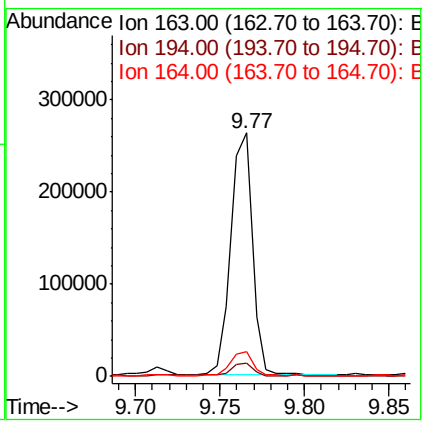


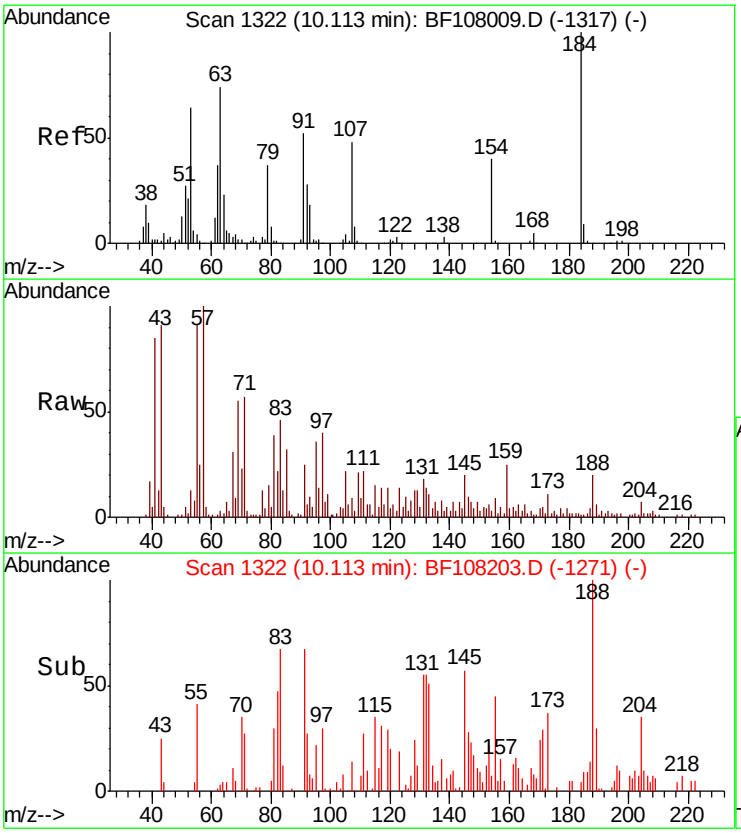
#49
Dimethylphthalate
Concen: 11.821 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:163 Resp: 233534

Ion	Ratio	Lower	Upper
163	100		
194	5.6	2.7	4.1#
164	10.1	8.2	12.2

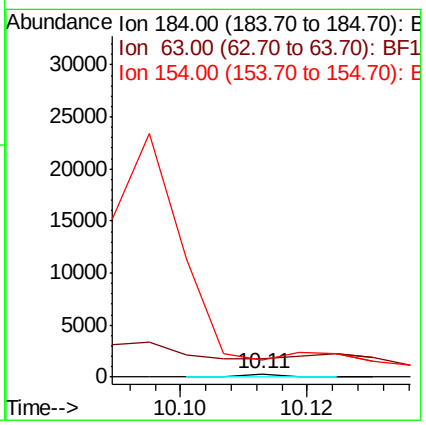


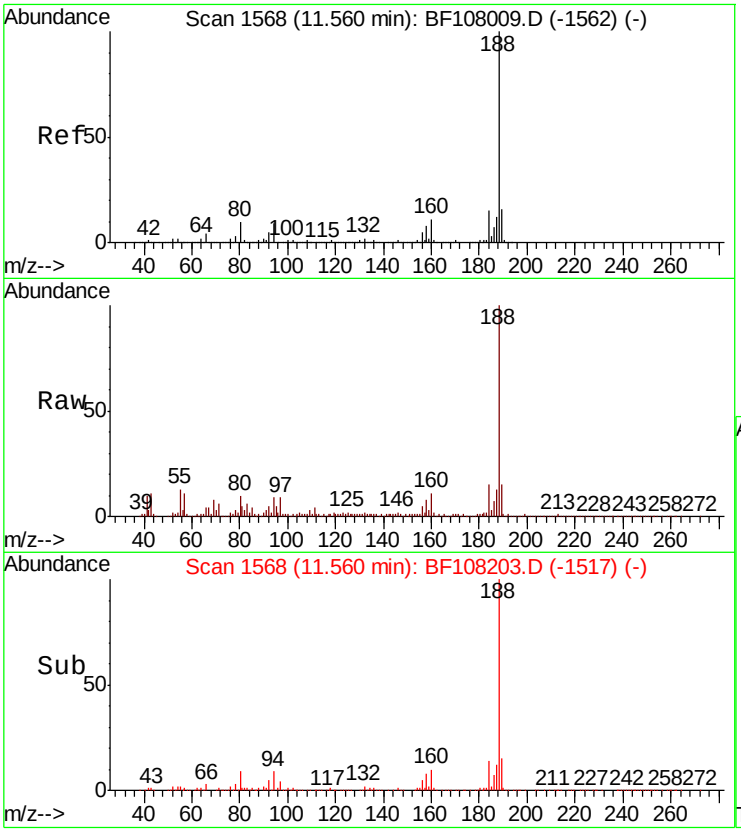


#53
2,4-Dinitrophenol
Concen: 7.084 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:184 Resp: 108

Ion	Ratio	Lower	Upper
184	100		
63	570.6	54.2	81.2#
154	536.9	184.0	276.0#



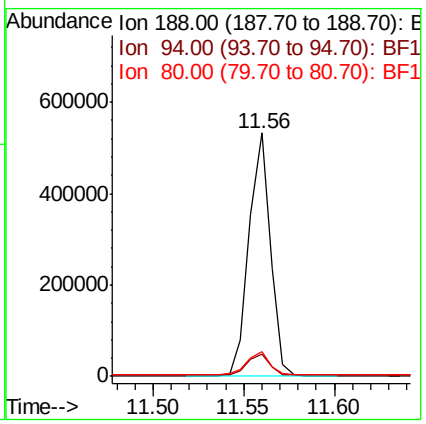


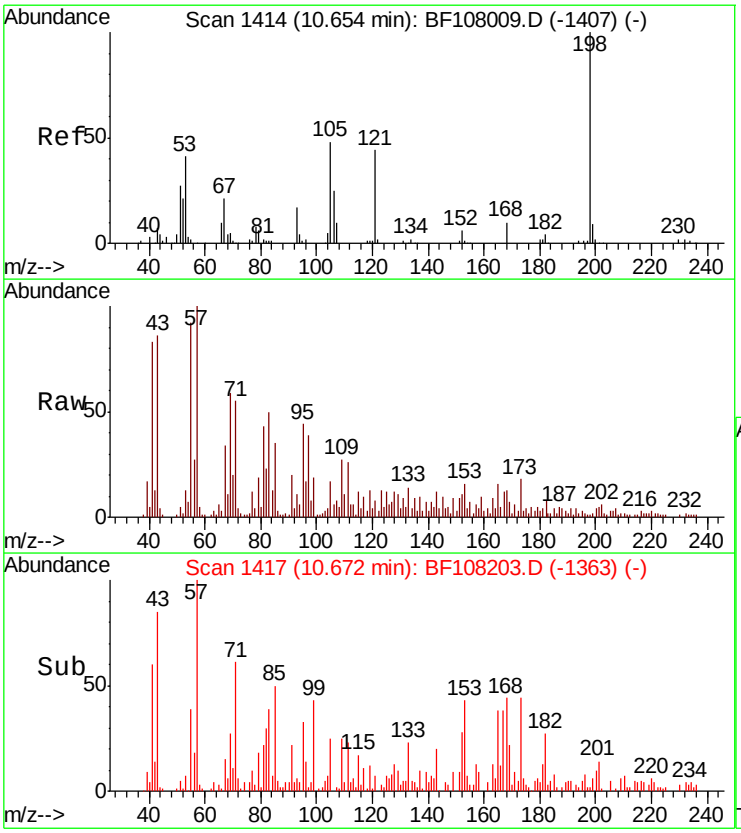
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:188 Resp: 437428

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.0	9.2	13.8

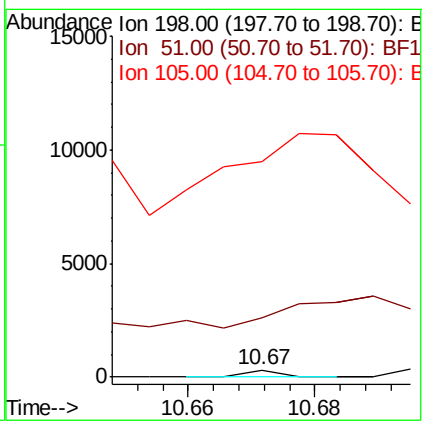


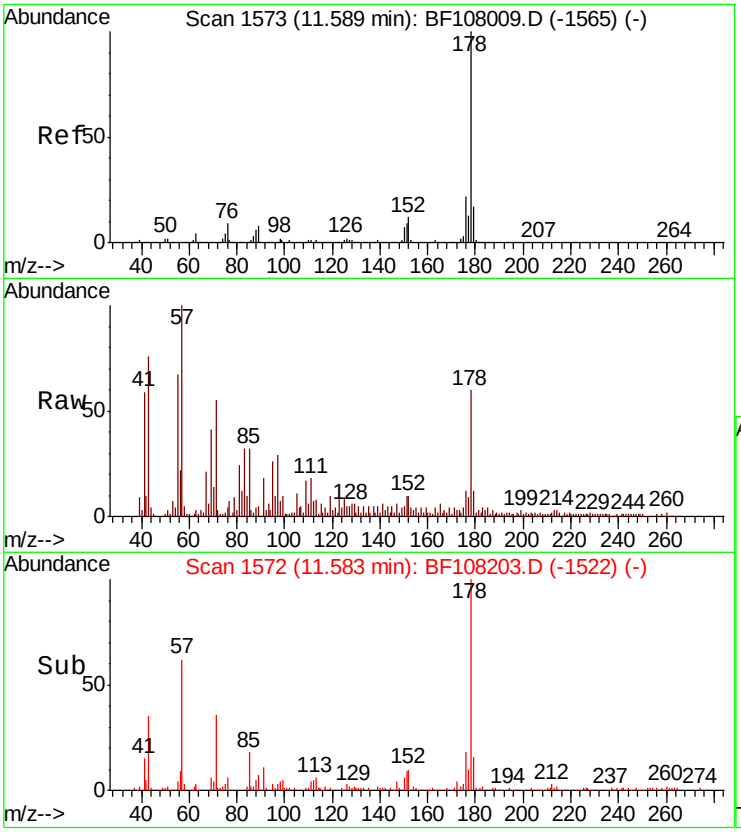


#64
4,6-Dinitro-2-methylphenol
Concen: 5.420 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:198 Resp: 113

Ion	Ratio	Lower	Upper
198	100		
51	816.0	37.7	77.7#
105	2967.1	36.3	76.3#



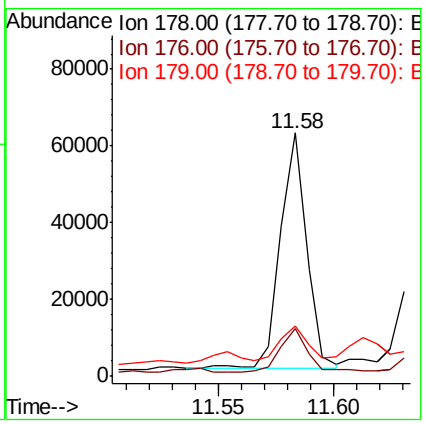


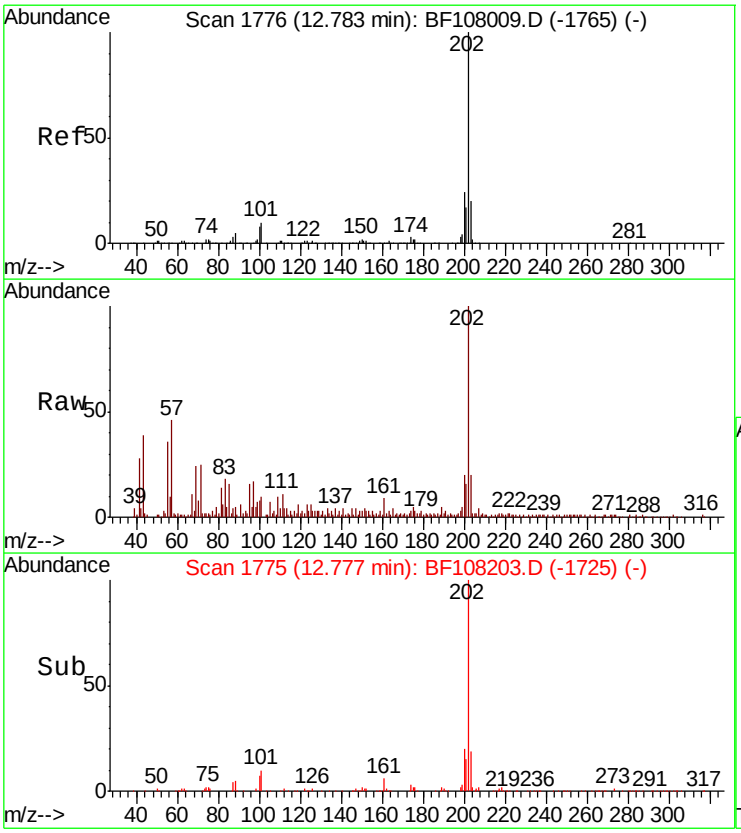
#70
Phenanthrene
Concen: 2.358 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:178 Resp: 48654

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	20.7	13.0	19.6#

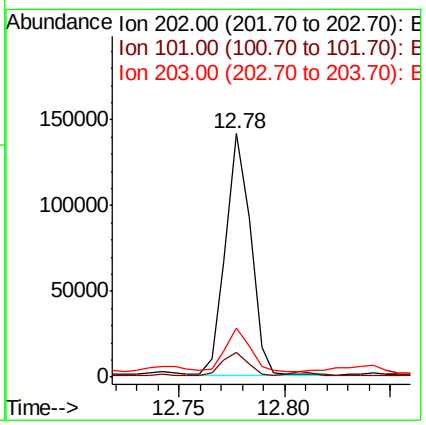


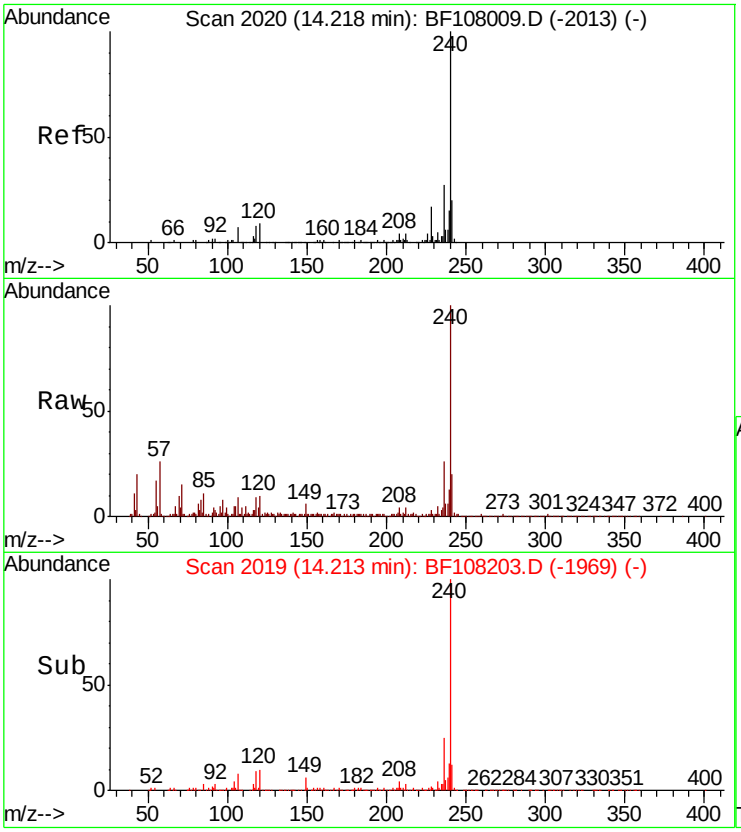


#74
Fluoranthene
Concen: 5.151 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:202 Resp: 115980

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	19.9	0.0	38.1



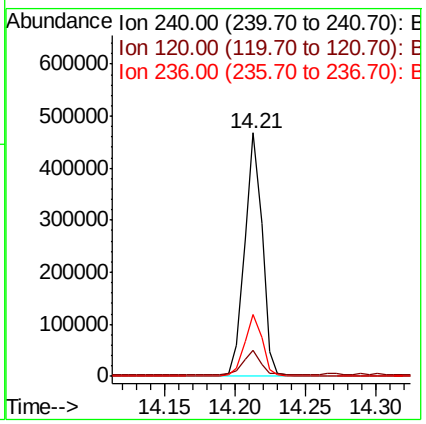


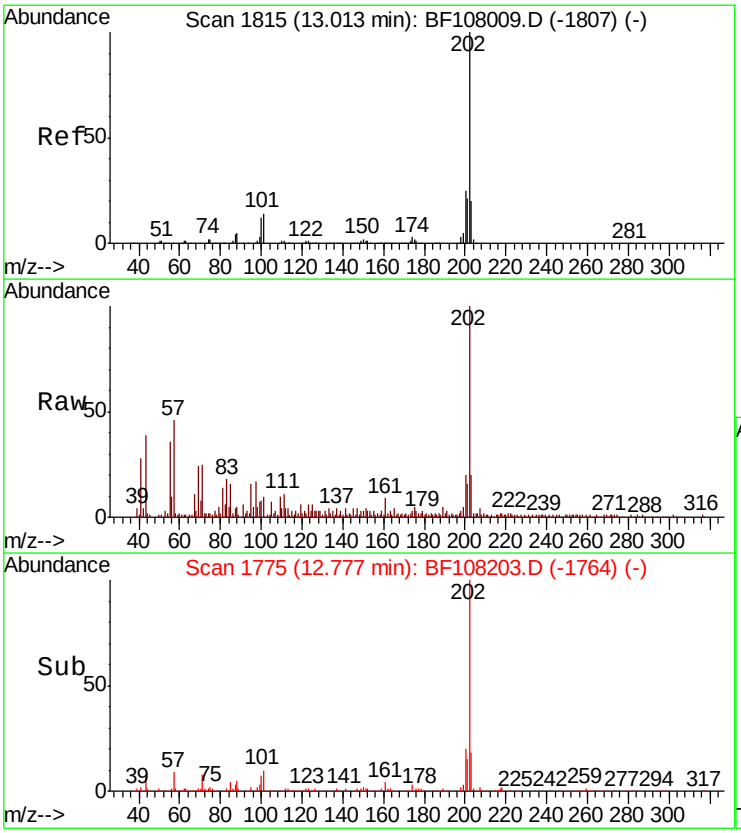
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:240 Resp: 404446

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.6	20.7	31.1

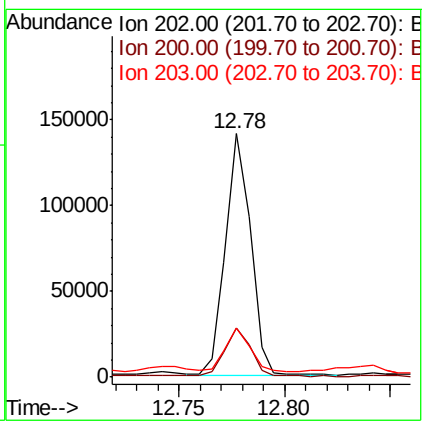


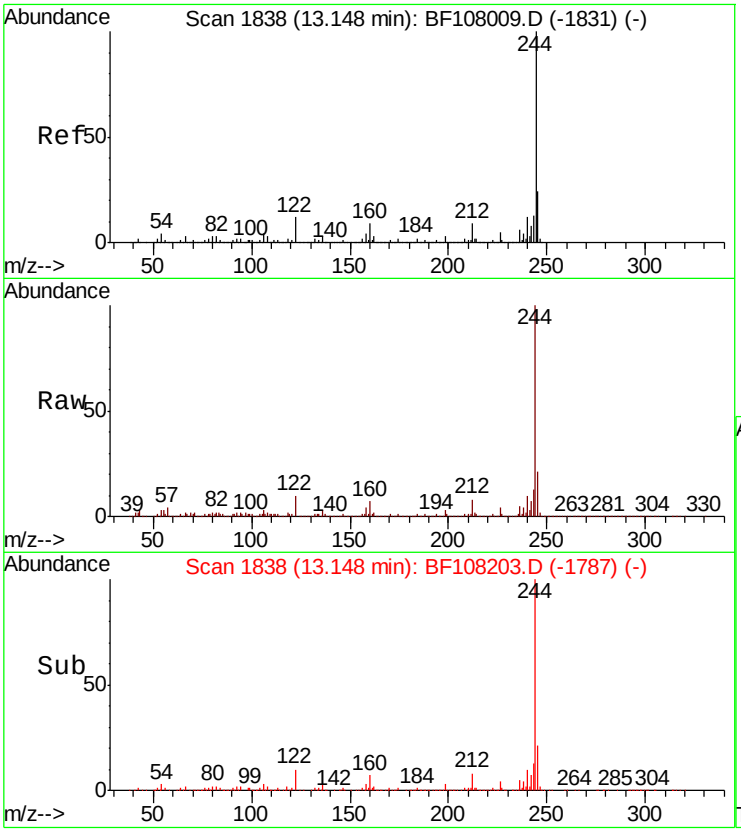


#77
Pyrene
Concen: 4.529 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.24 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:202 Resp: 115980

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	19.9	14.3	21.5



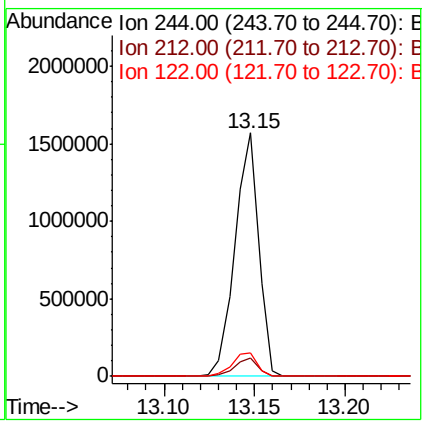


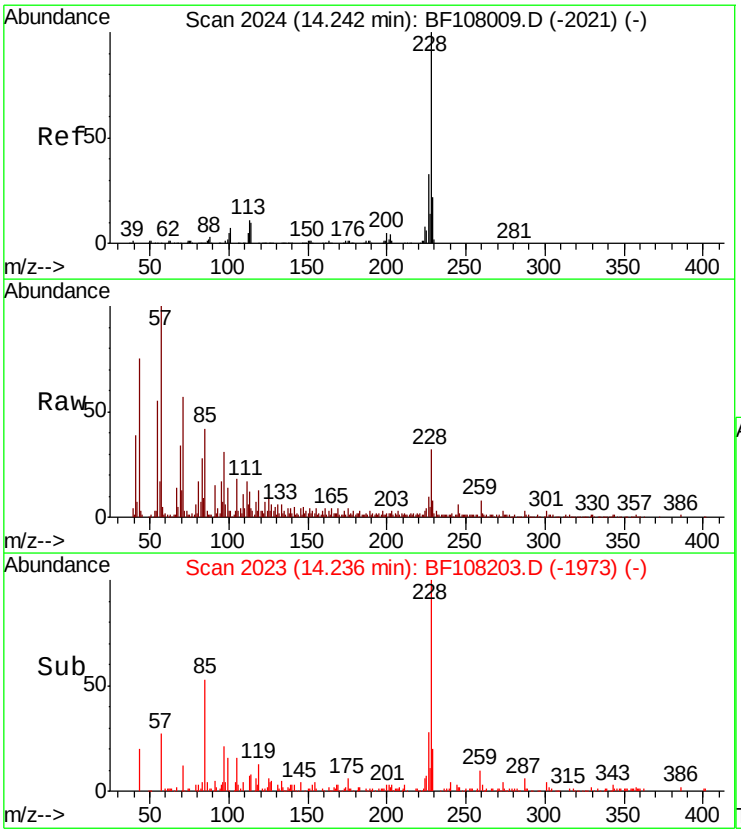
#78
Terphenyl-d14
Concen: 89.563 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:244 Resp: 1424681

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	9.8	11.0	16.4#

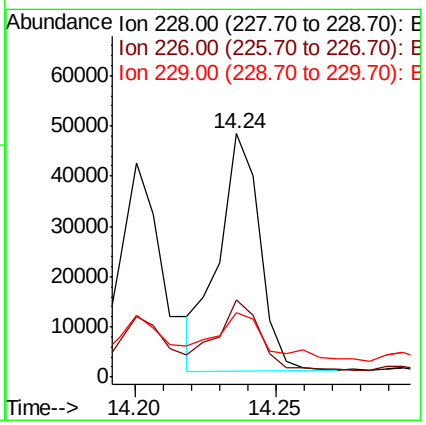


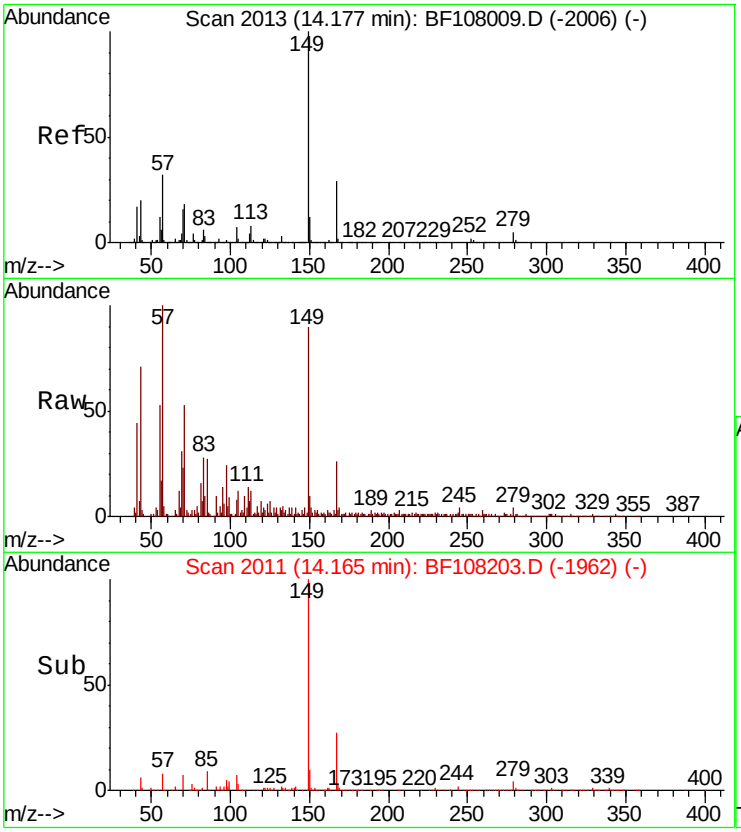


#82
Chrysene
Concen: 2.237 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:228 Resp: 47598

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	26.4	16.2	24.4#



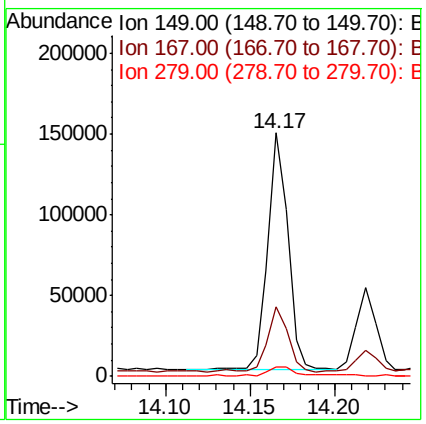


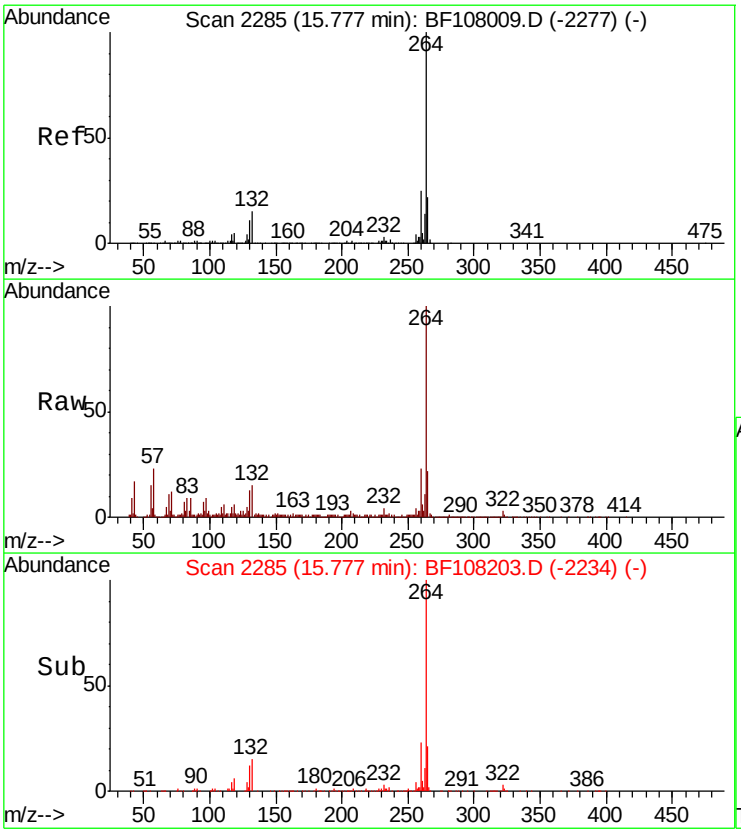
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.735 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:149 Resp: 120275

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.3	31.9
279	4.1	3.0	4.4

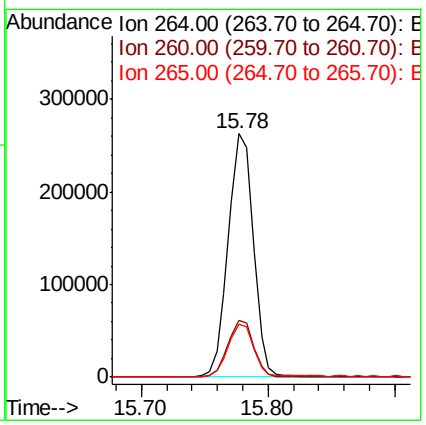


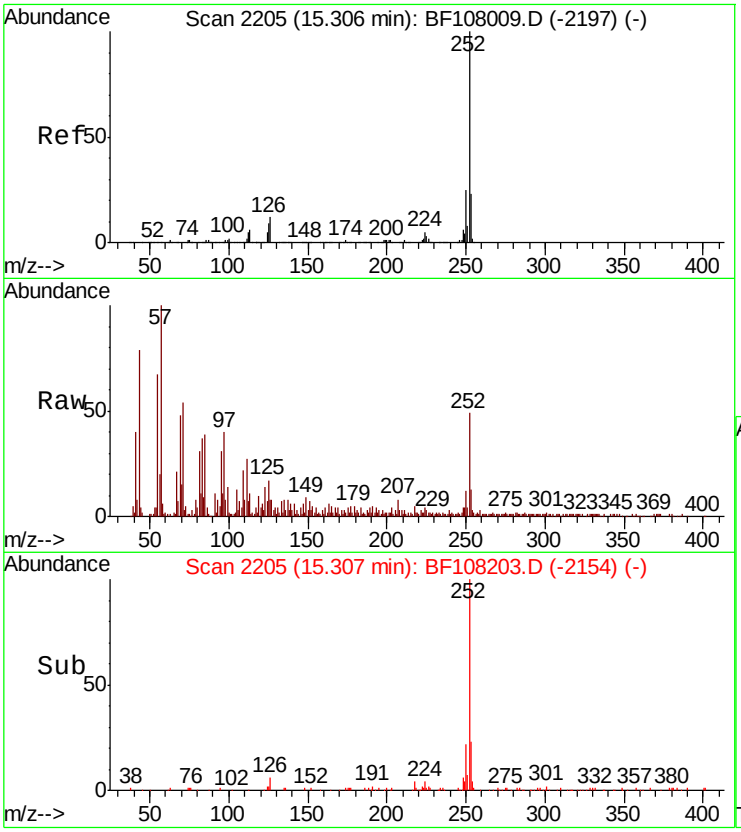


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:264 Resp: 359213

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.5	26.3



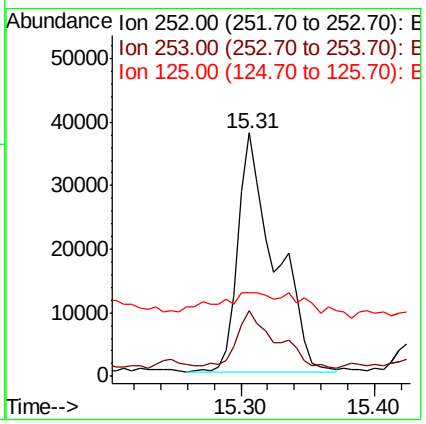


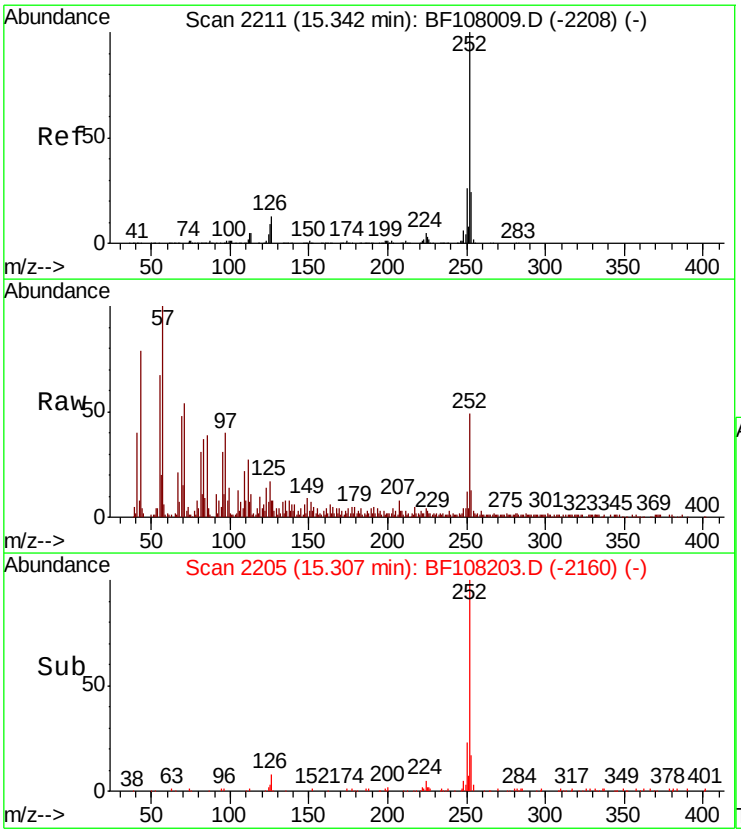
#87
Benzo(b)fluoranthene
Concen: 3.347 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:252 Resp: 71849

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.0	25.6#
125	34.3	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.641 ng
RT: 15.31 min Scan# 2205
Delta R.T. -0.04 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:252 Resp: 71849

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.9	26.9#
125	34.3	10.2	15.2#