Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112858.D
Acq On : 5 Mar 2019 17:56
Operator : JU/SJ
Sample : K1729-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RICH-REC-ROAD-STONE-10

Quant Time: Mar 06 01:44:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	187726	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	733737	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	358494	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	724082	20.00	ng		0.00
76) Chrysene-d12	13.87	240	535876	20.00	ng		0.00
87) Perylene-d12	15.29	264	512760	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	164822	13.66	ng		0.00
7) Phenol-d6	6.37	99	827899	54.61	ng		0.00
23) Nitrobenzene-d5	7.30	82	763510	62.27	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	2507	0.66	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1487833	64.53	ng		0.00
79) Terphenyl-d14	12.83	244	1593812	57.66	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	102215	10.646	ng	#	76
25) Isophorone	7.30	82	760234	28.778	ng	#	66
50) Dimethylphthalate	9.49	163	85486	3.234	ng		100
57) 2,4-Dinitrotoluene	9.77	165	45502	6.650	ng	#	18
71) Phenanthrene	11.27	178	130148	3.613	ng		99
75) Fluoranthene	12.45	202	214223	5.550	ng		96
78) Pyrene	12.68	202	161435	3.573	ng		98
88) Benzo(b)fluoranthene	14.88	252	112063	3.379	ng	#	92
89) Benzo(k)fluoranthene	14.88	252	112063	3.730	ng	#	92

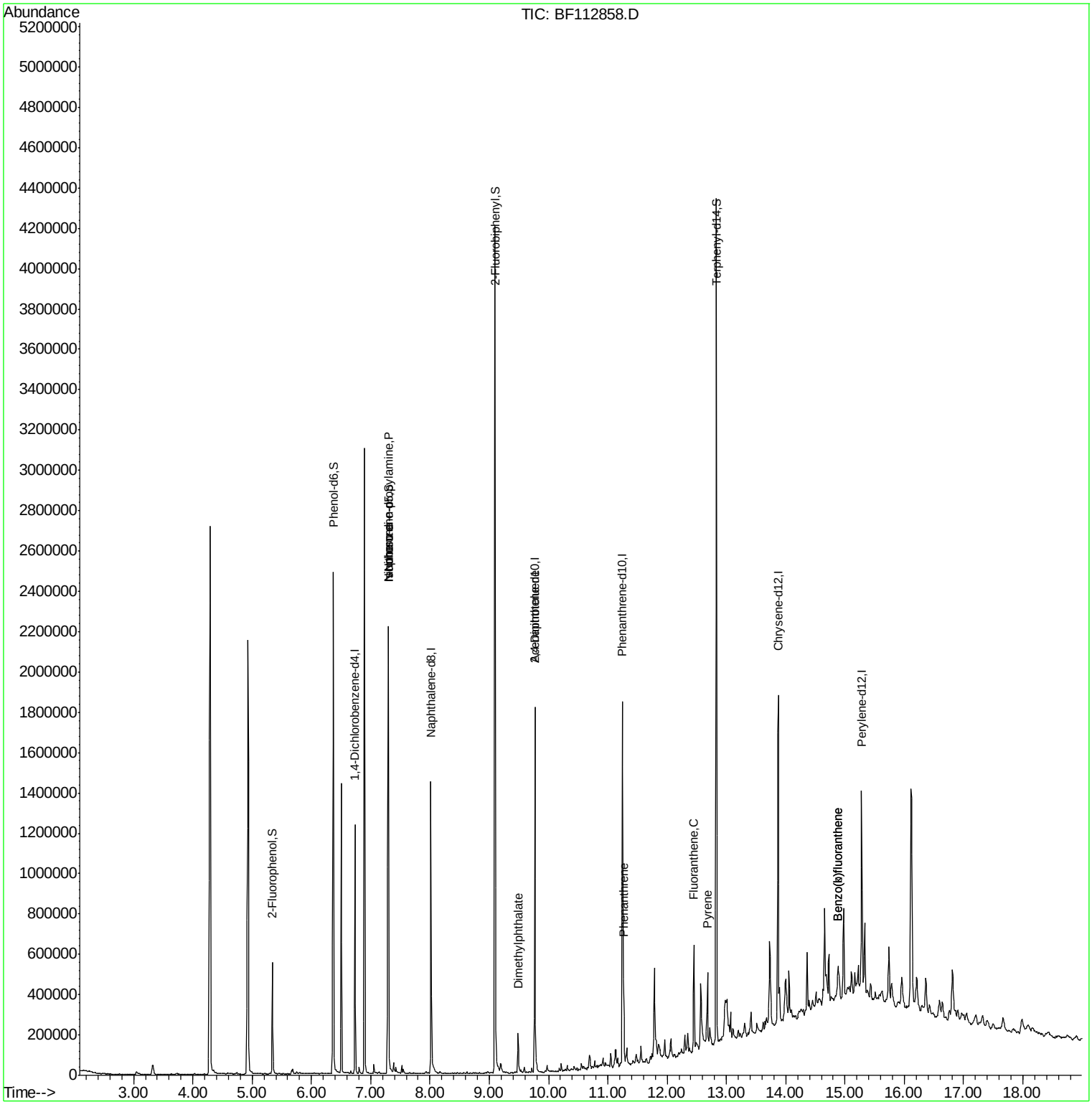
(#) = qualifier out of range (m) = manual integration (+) = signals summed

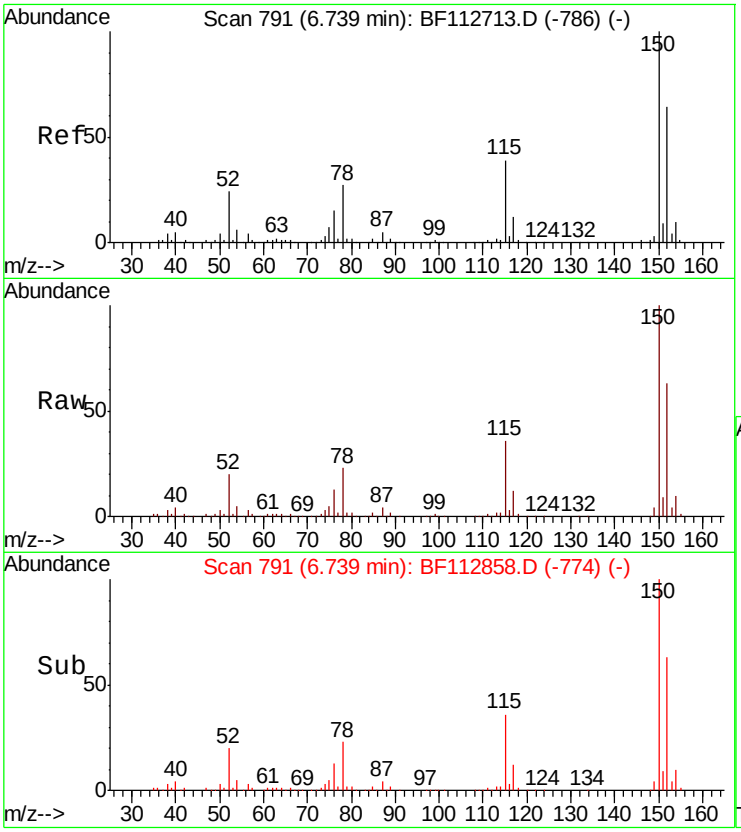
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112858.D
Acq On : 5 Mar 2019 17:56
Operator : JU/SJ
Sample : K1729-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Quant Time: Mar 06 01:44:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



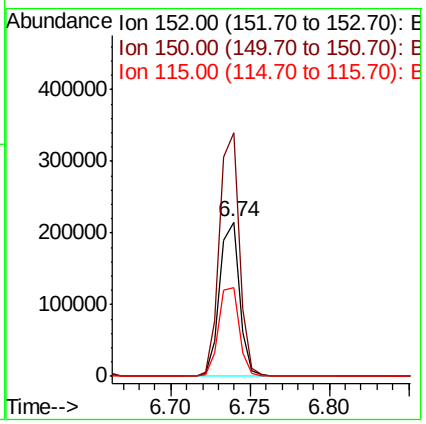


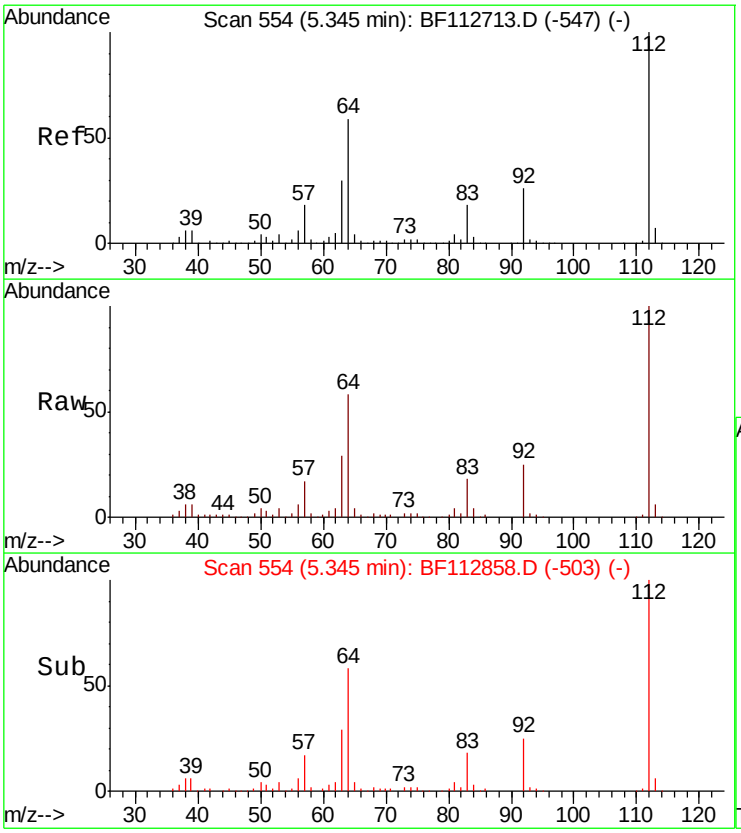
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion:152 Resp: 187726

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.2	186.2
115	57.5	48.2	72.4

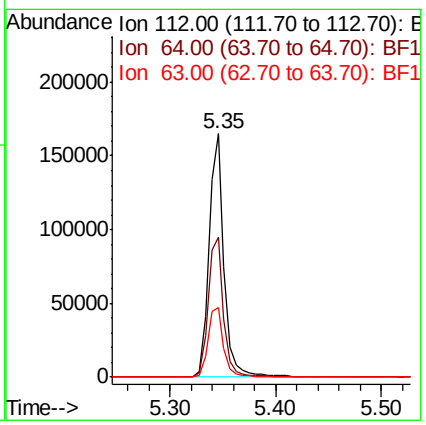


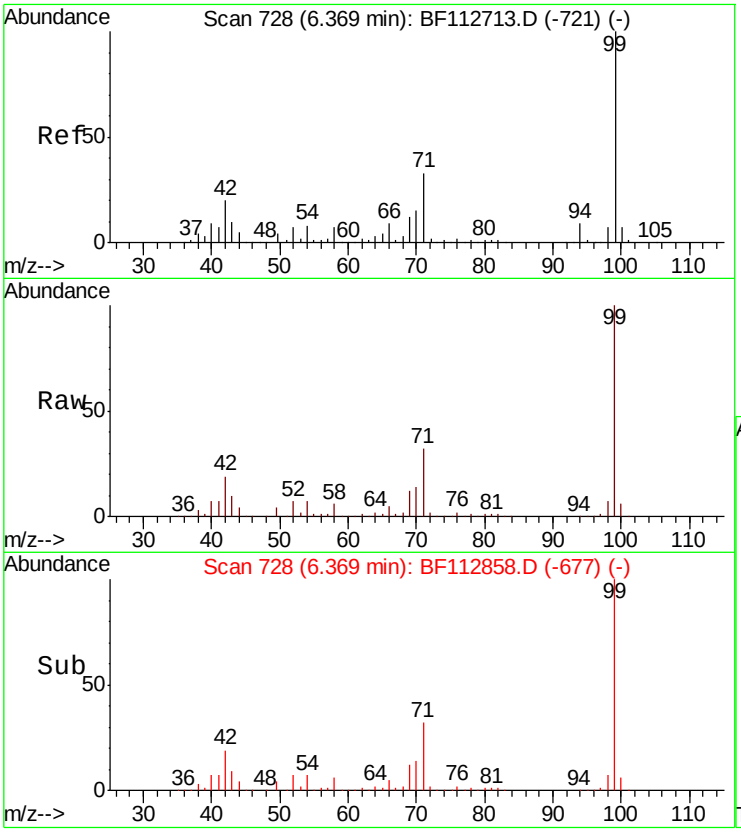


#5
2-Fluorophenol
Concen: 13.658 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion:112 Resp: 164822

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.6	71.4
63	28.6	24.4	36.6



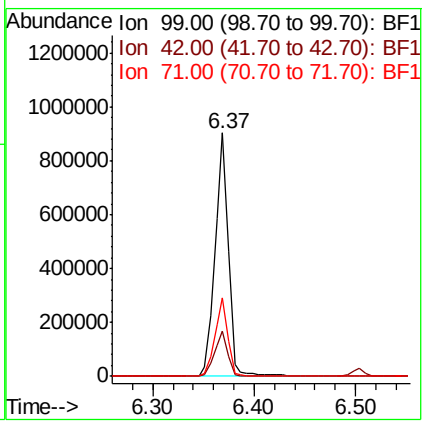


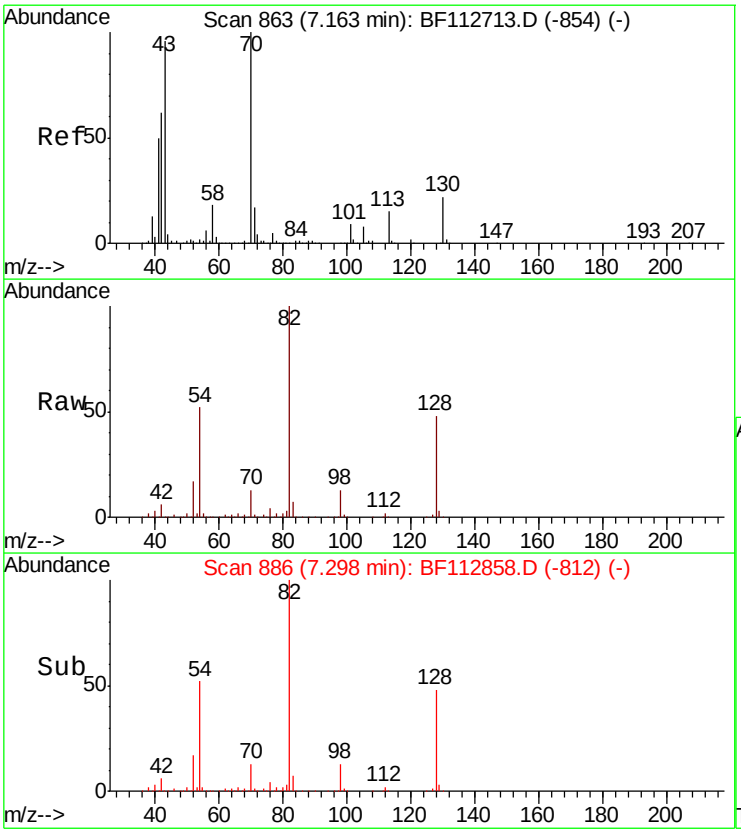
#7
Phenol-d6
Concen: 54.612 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion: 99 Resp: 827899

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	32.2	26.2	39.4

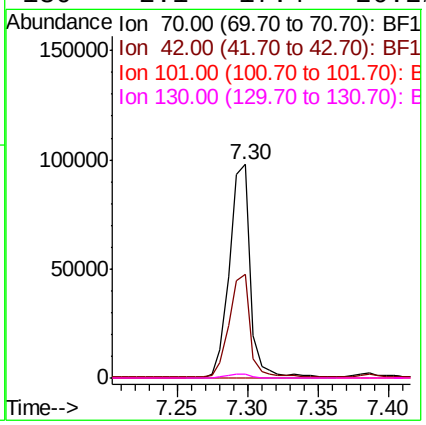


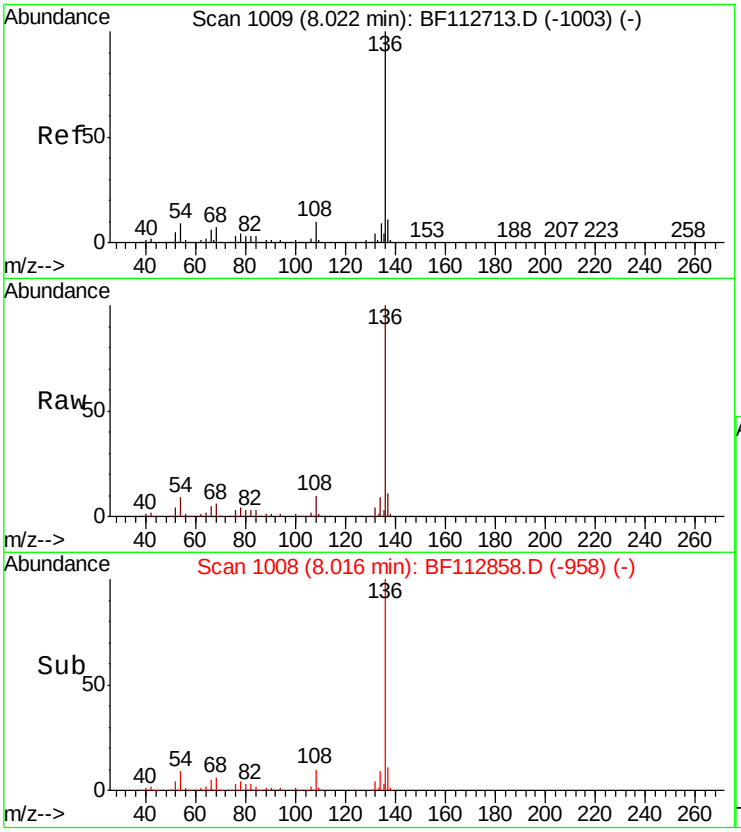


#19
n-Nitroso-di-n-propylamine
Concen: 10.646 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion: 70 Resp: 102215

Ion	Ratio	Lower	Upper
70	100		
42	48.4	49.9	74.9#
101	0.0	7.4	11.2#
130	2.1	17.4	26.2#



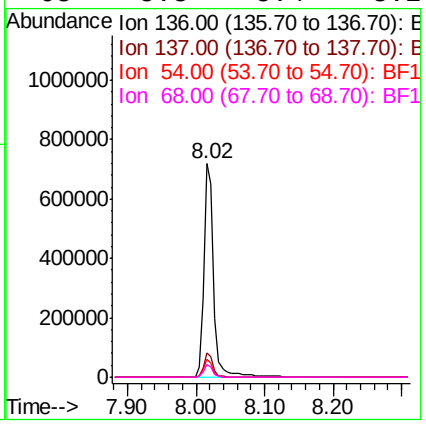


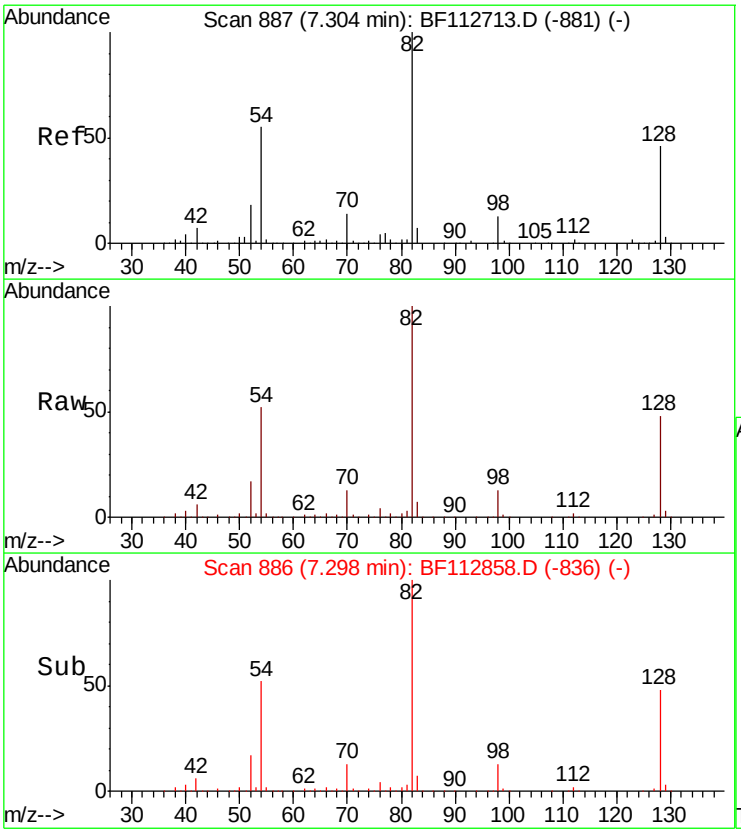
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion:136 Resp: 733737

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.6	7.3	10.9
68	5.8	5.4	8.2

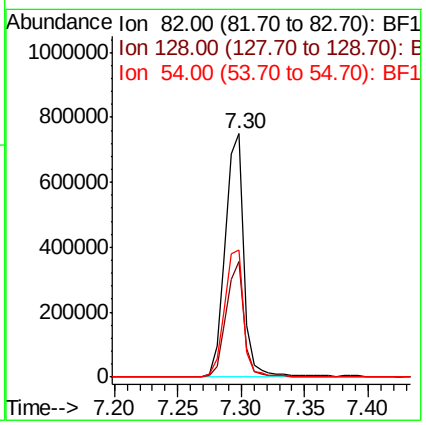


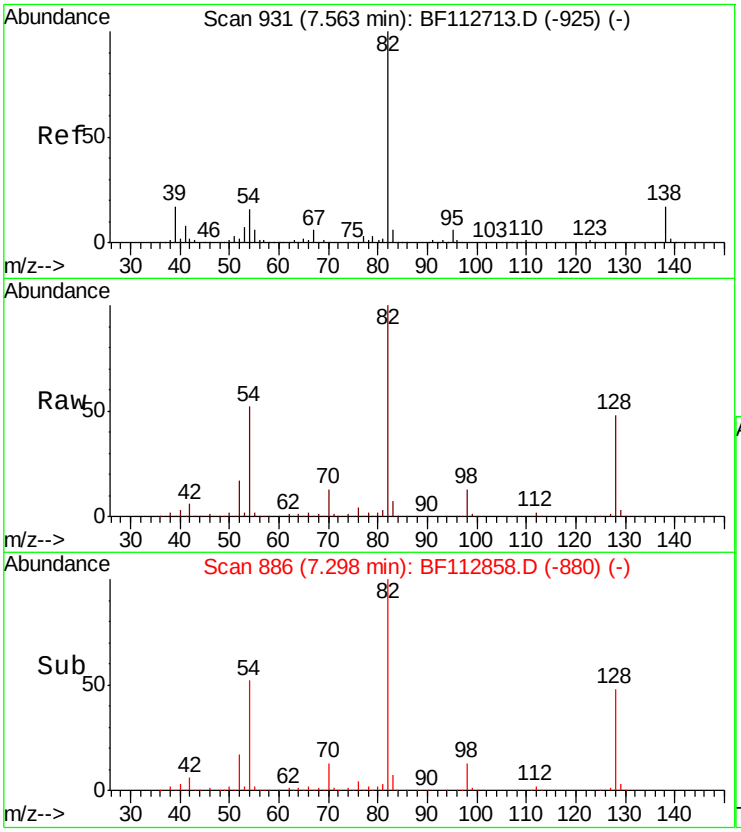


#23
Nitrobenzene-d5
Concen: 62.266 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion: 82 Resp: 763510

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.3	54.5
54	52.0	43.7	65.5



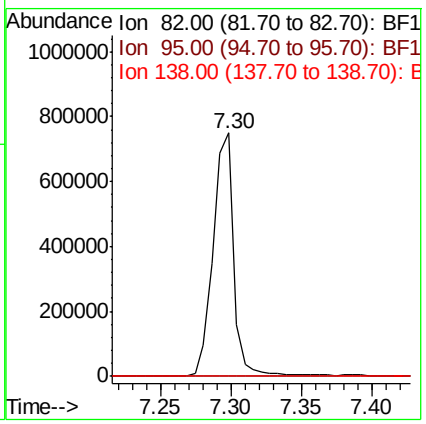


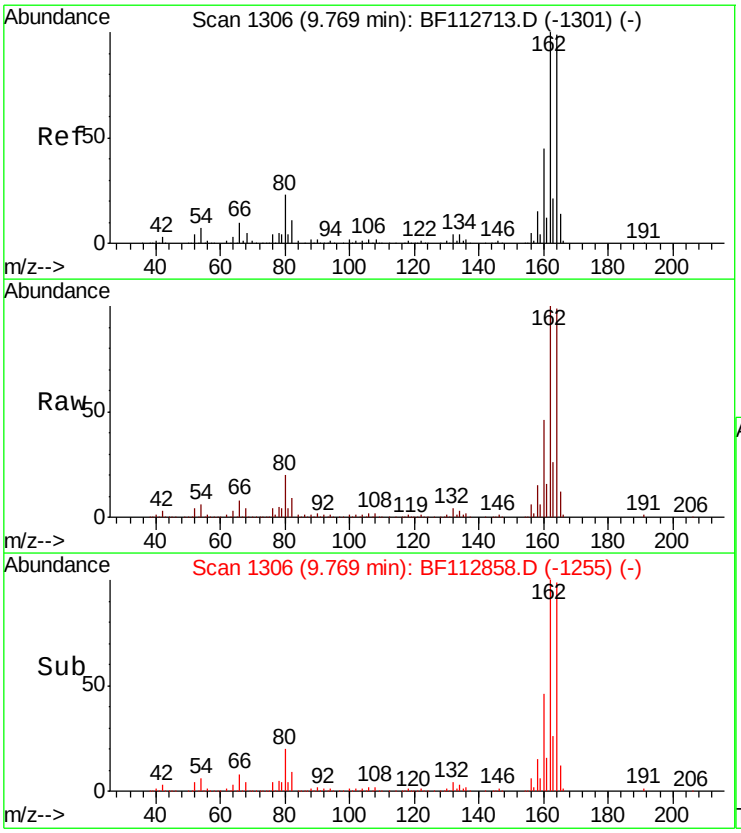
#25
Isophorone
Concen: 28.778 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion: 82 Resp: 760234

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

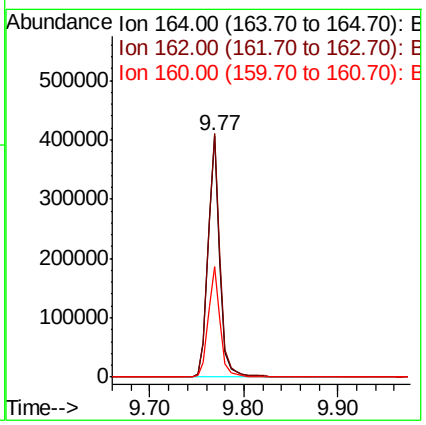


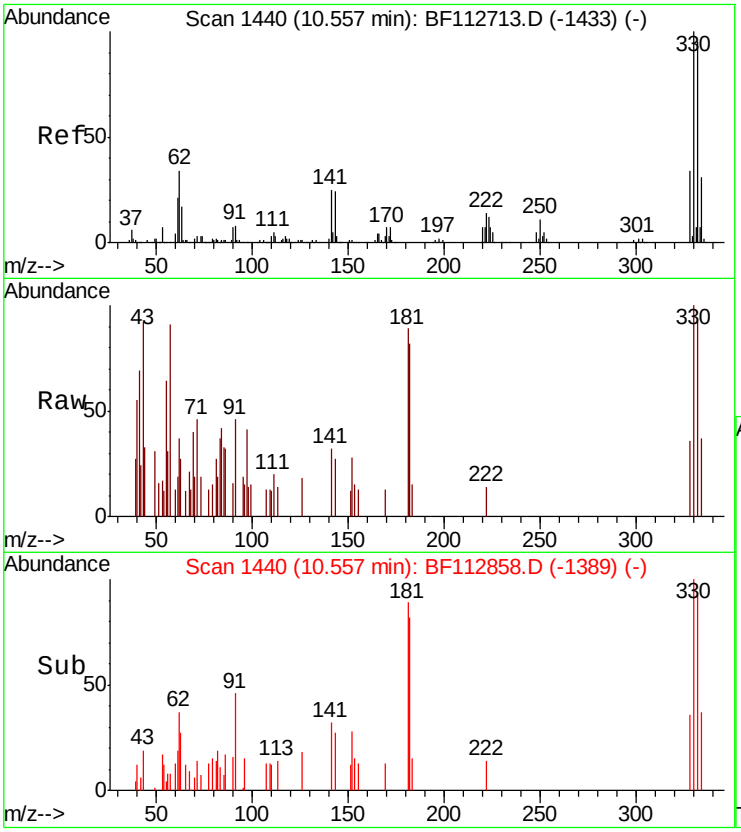


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion:164 Resp: 358494

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	45.9	36.0	54.0



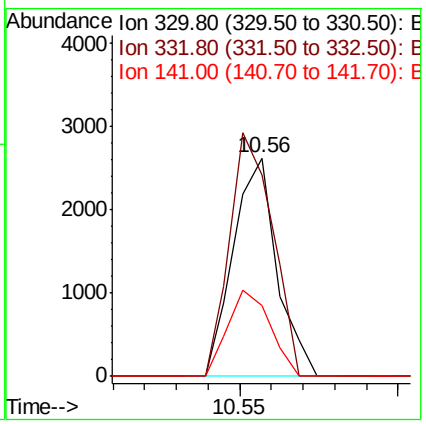


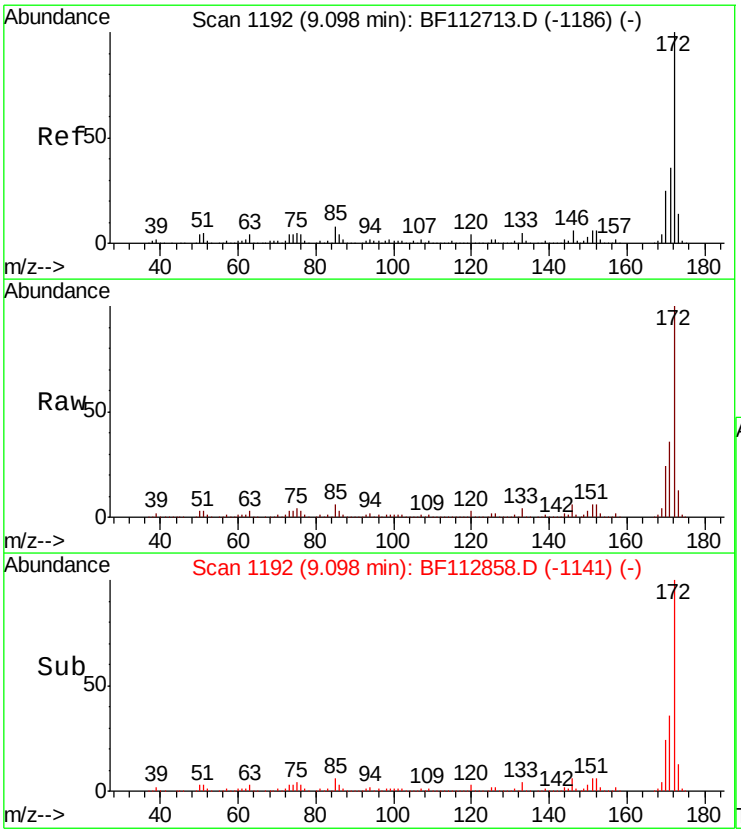
#42
2,4,6-Tribromophenol
Concen: 0.659 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion:330 Resp: 2507

Ion	Ratio	Lower	Upper
330	100		
332	109.3	76.2	114.4
141	37.9	27.0	40.6

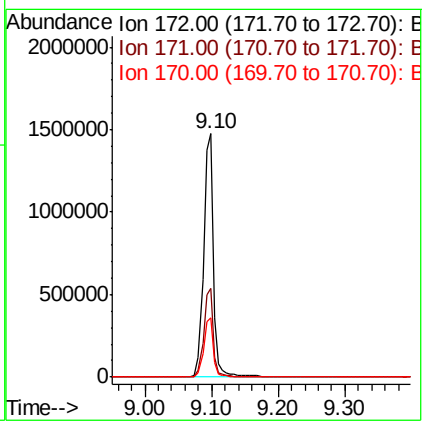


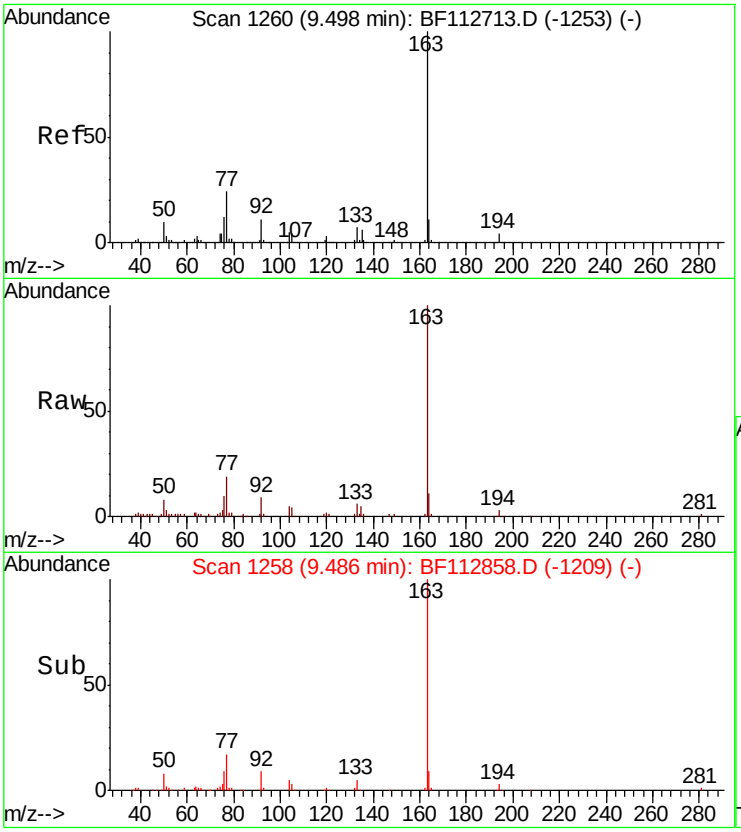


#45
2-Fluorobiphenyl
Concen: 64.533 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion:172 Resp: 1487833

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.1	20.0	30.0



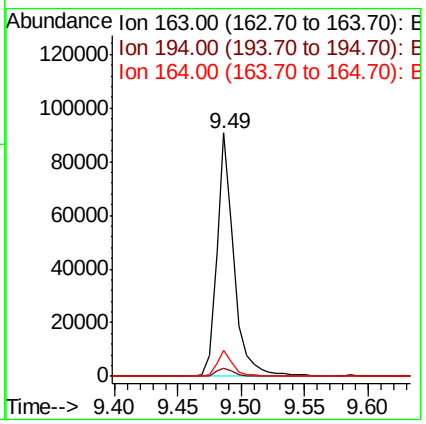


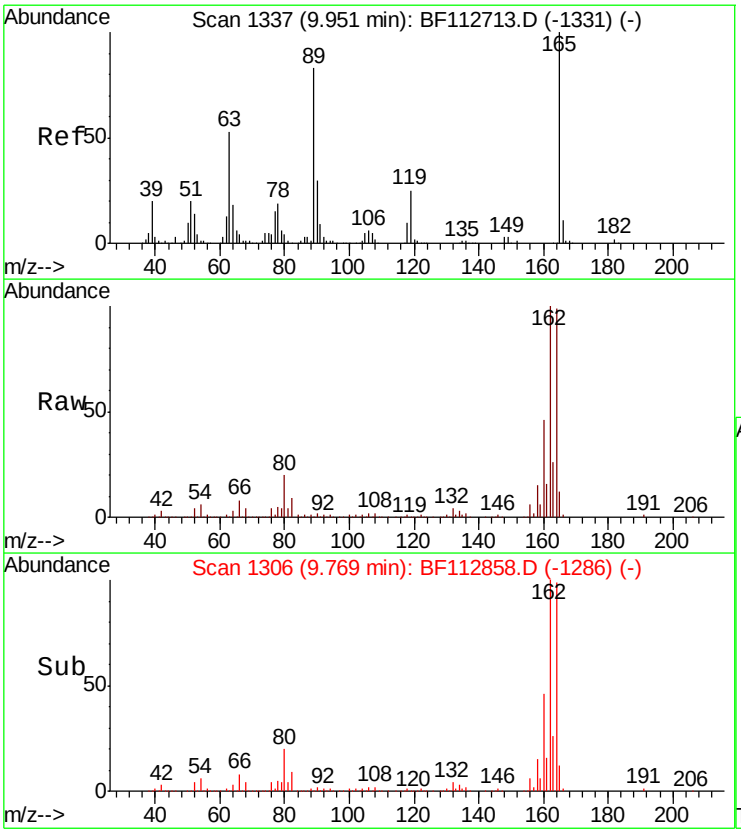
#50
Dimethylphthalate
Concen: 3.234 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion:163 Resp: 85486

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.5	8.4	12.6

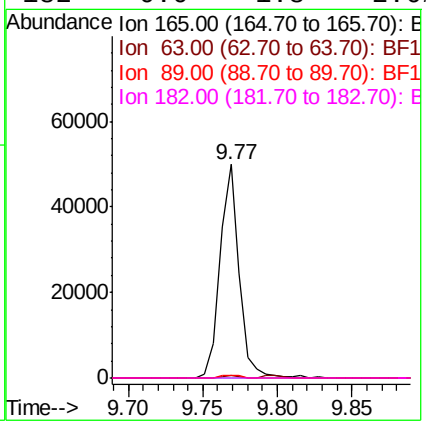


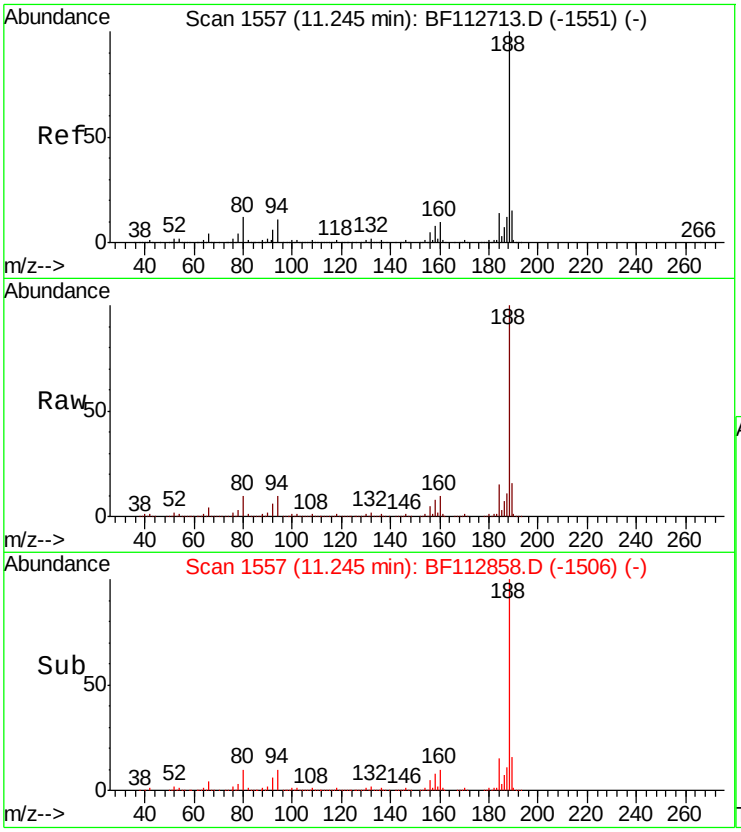


#57
2,4-Dinitrotoluene
Concen: 6.650 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion:165 Resp: 45502

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#



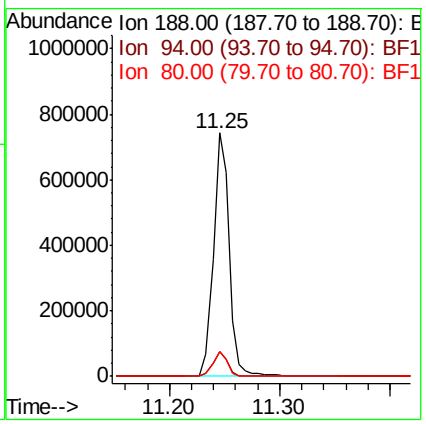


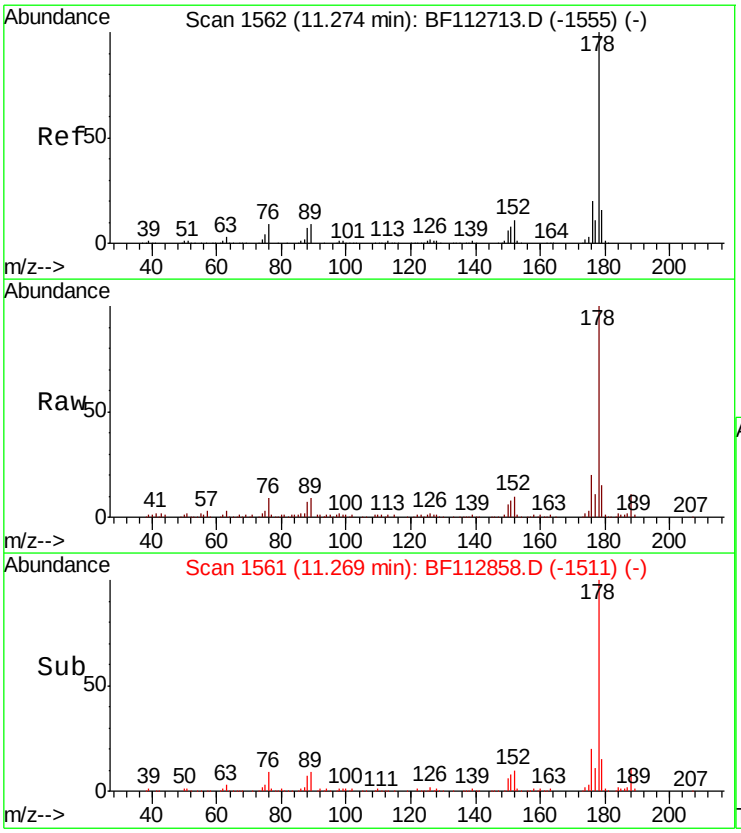
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion:188 Resp: 724082

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.4
80	10.3	9.2	13.8

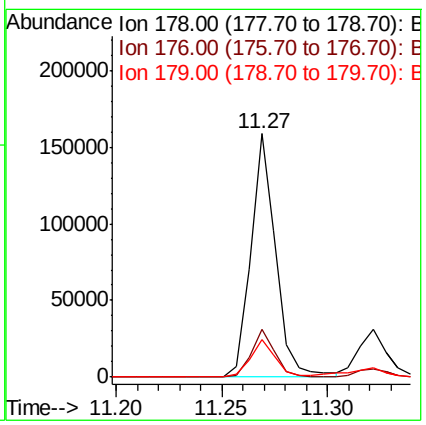


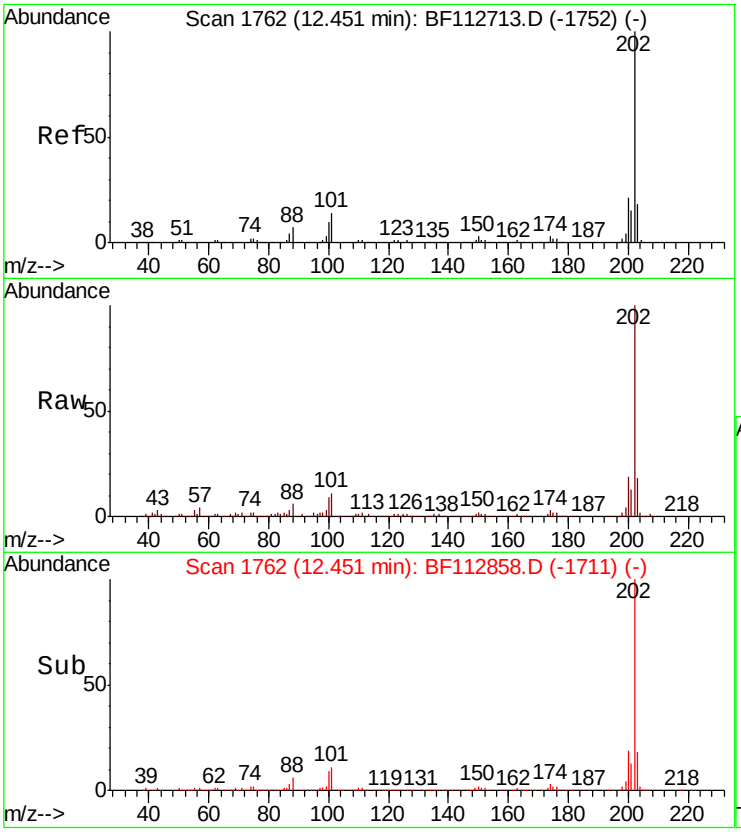


#71
Phenanthrene
Concen: 3.613 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion:178 Resp: 130148

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.3	24.5
179	15.4	12.7	19.1



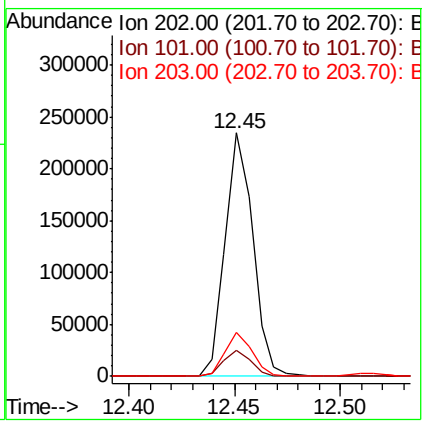


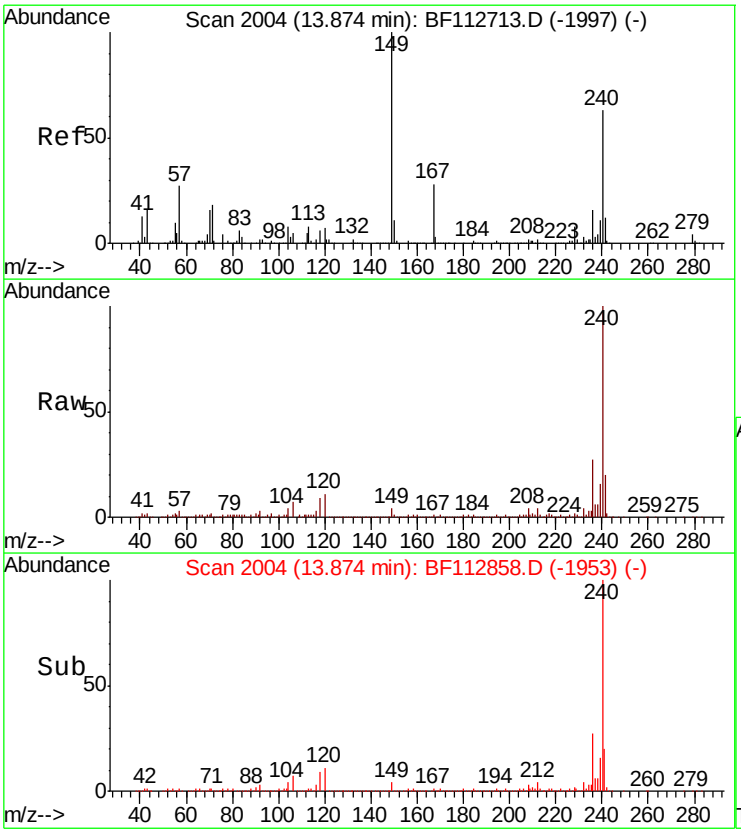
#75
Fluoranthene
Concen: 5.550 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion:202 Resp: 214223

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.8
203	18.0	0.0	38.4

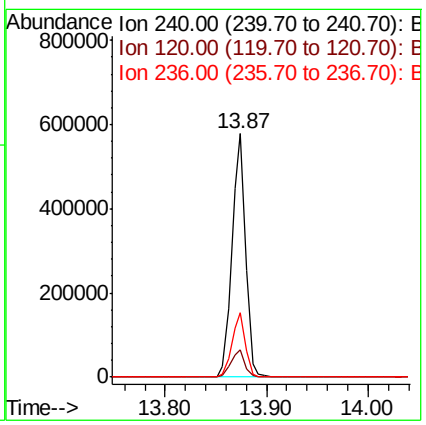


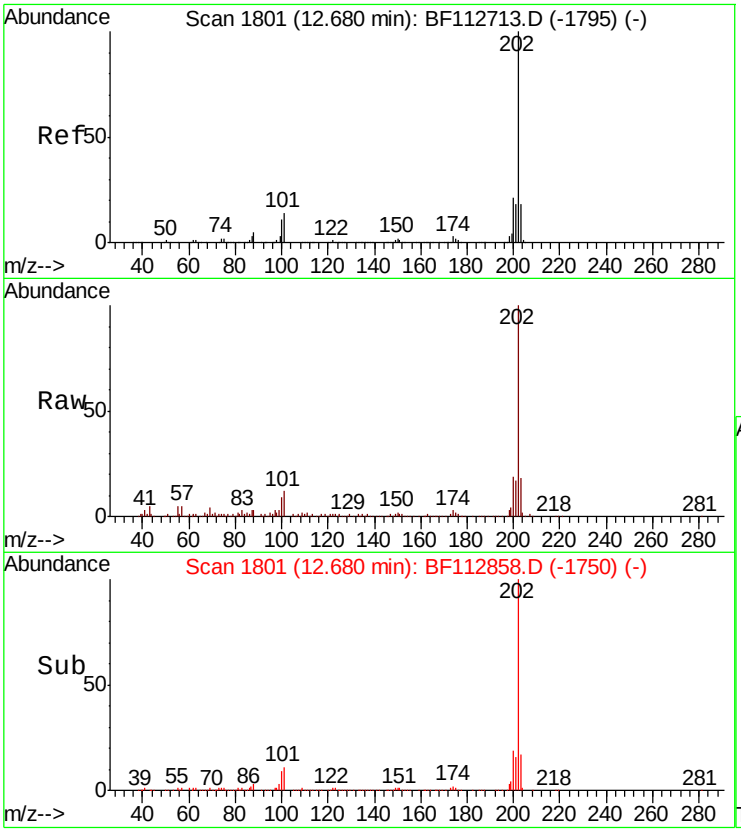


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion:240 Resp: 535876

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.7	20.7	31.1



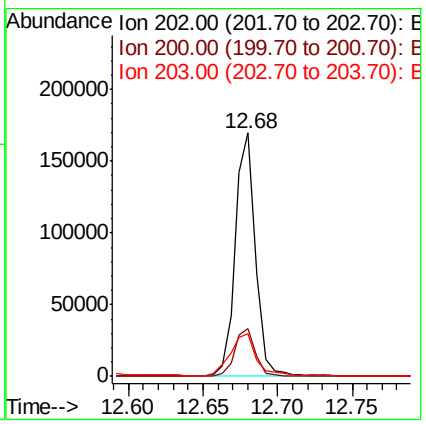


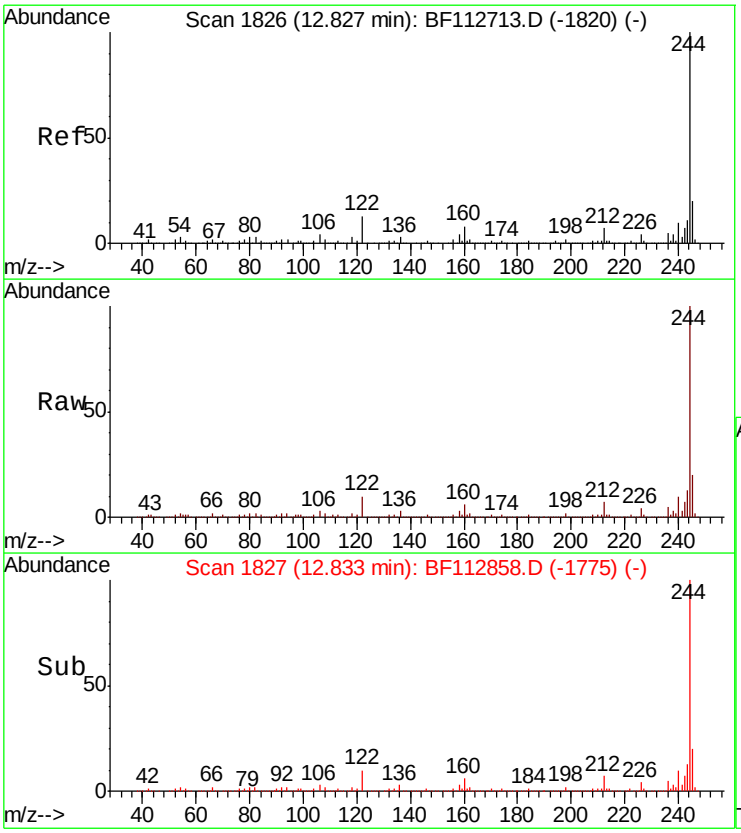
#78
Pyrene
Concen: 3.573 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion:202 Resp: 161435

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.0	25.4
203	17.6	14.4	21.6

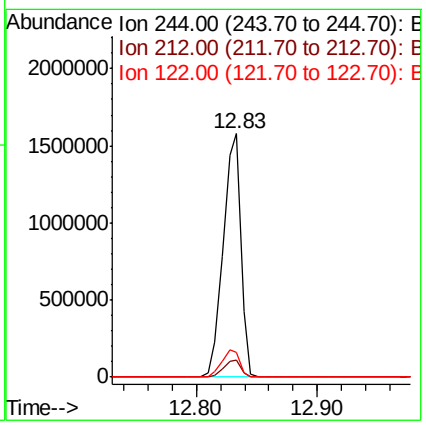


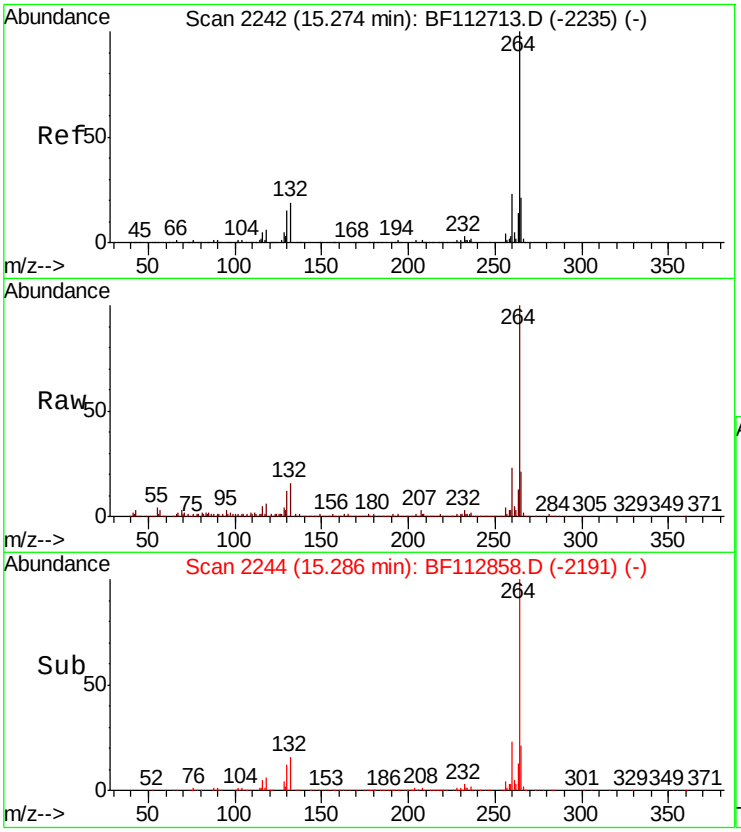


#79
Terphenyl-d14
Concen: 57.655 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion:244 Resp: 1593812

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.4	10.5	15.7#



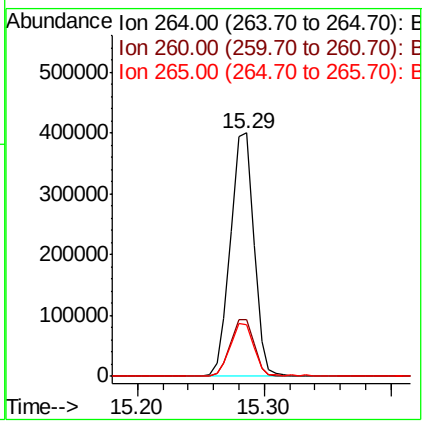


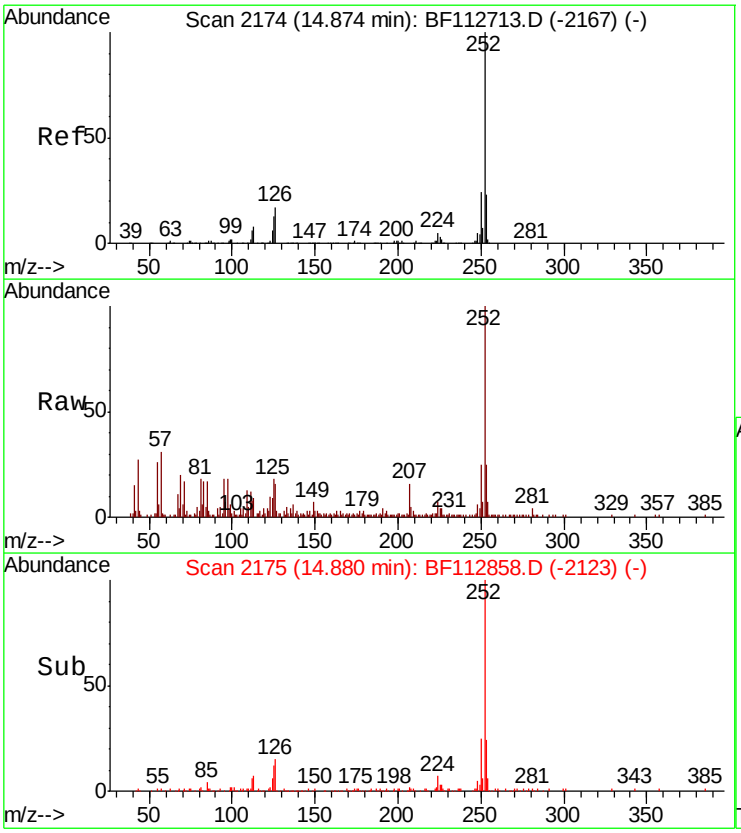
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion:264 Resp: 512760

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	17.2	25.8

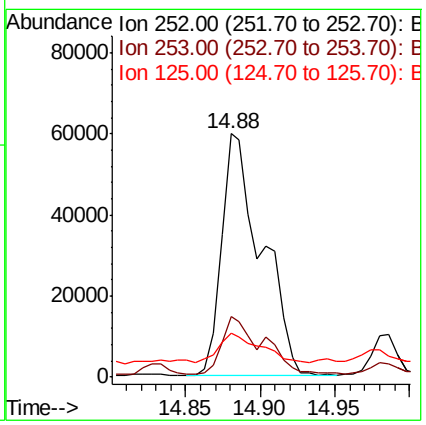


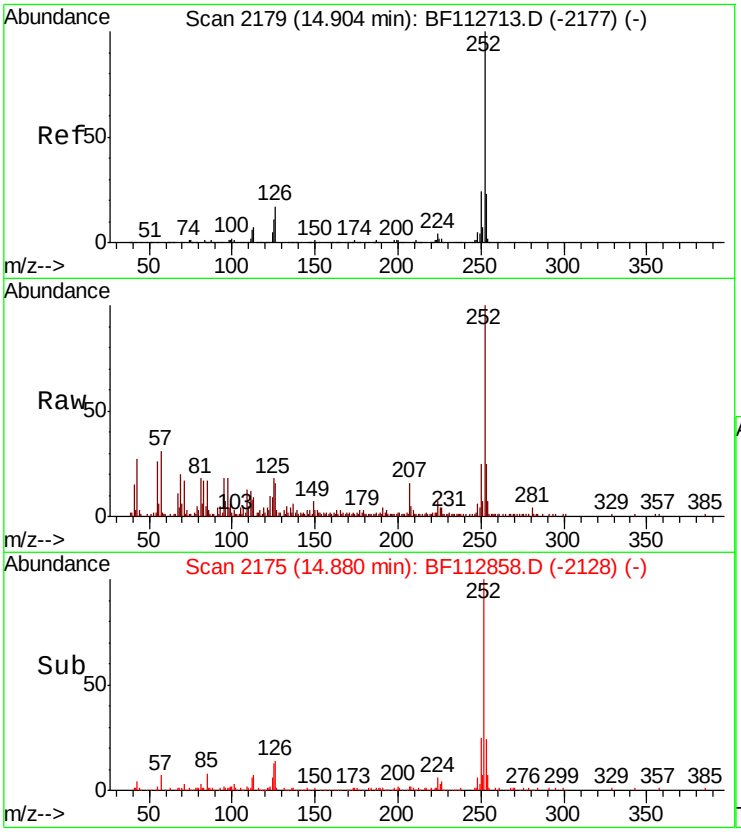


#88
Benzo(b)fluoranthene
Concen: 3.379 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Tgt Ion:252 Resp: 112063

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	18.2	10.2	15.2#





#89
Benzo(k)fluoranthene
Concen: 3.730 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112858.D
Acq: 5 Mar 2019 17:56

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tgt Ion:252 Resp: 112063

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	18.2	9.8	14.6#