Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113312.D
Acq On : 27 Mar 2019 1:18
Operator : JU/SJ
Sample : K2099-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-CLVRT-STLD-1H-B

Quant Time: Mar 27 05:03:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150396	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	513324	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	244930	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	453727	20.00	ng		0.00
76) Chrysene-d12	13.83	240	286652	20.00	ng		-0.01
87) Perylene-d12	15.23	264	337741	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	397298	43.19	ng		0.00
7) Phenol-d6	6.35	99	320136	27.51	ng		-0.01
23) Nitrobenzene-d5	7.26	82	816072	94.36	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	246906	81.61	ng		-0.01
45) 2-Fluorobiphenyl	9.06	172	1430458	93.25	ng		0.00
79) Terphenyl-d14	12.79	244	1128640	86.79	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	34485	2.596	ng	#	76
18) Hexachloroethane	7.24	117	53220	13.329	ng	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	111941	15.316	ng	#	78
20) 3+4-Methylphenols	7.10	107	379	Below Cal		#	1
22) Acetophenone	7.10	105	69296	5.919	ng	#	55
25) Isophorone	7.26	82	788820	47.064	ng	#	64
31) Naphthalene	8.00	128	52293	2.085	ng	#	88
37) 2-Methylnaphthalene	8.70	142	62813	4.013	ng		97
38) 1-Methylnaphthalene	8.70	142	62813	4.172	ng		95
50) Dimethylphthalate	9.45	163	84737	4.668	ng		100
67) 4-Bromophenyl-phenylether	10.52	248	13526	2.735	ng	#	1
71) Phenanthrene	11.23	178	48508	2.153	ng		99

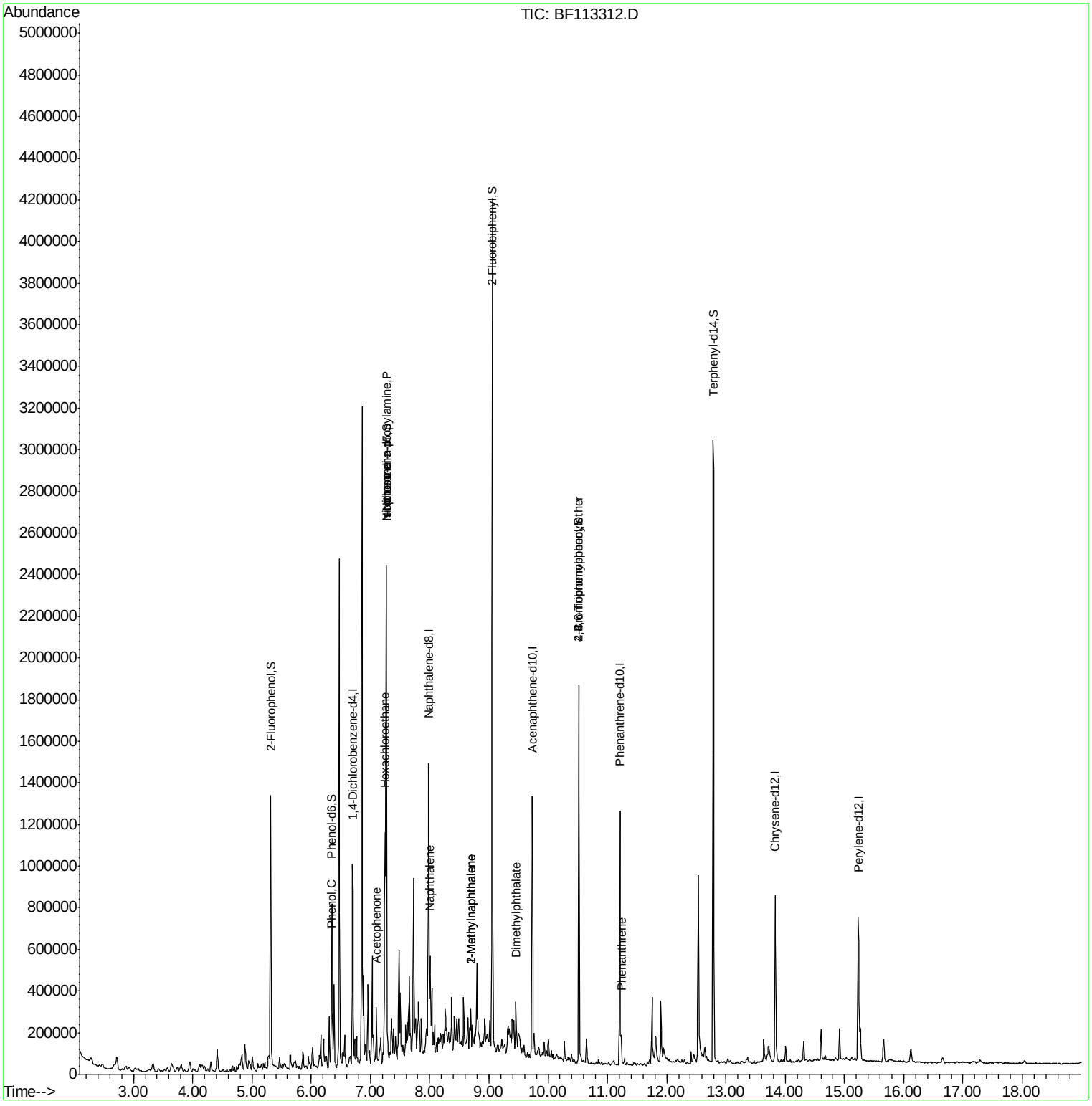
(#) = qualifier out of range (m) = manual integration (+) = signals summed

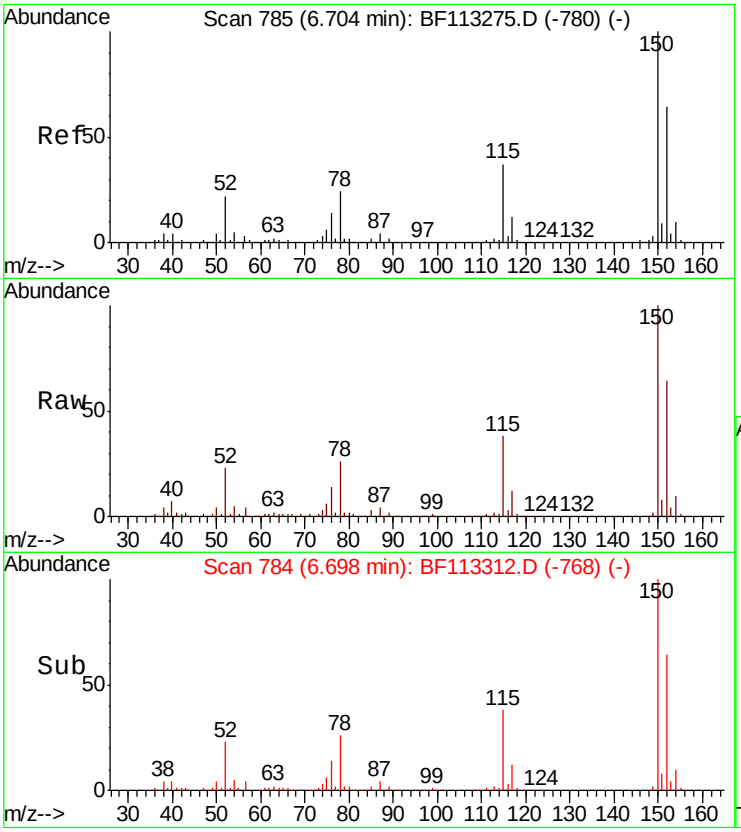
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113312.D
Acq On : 27 Mar 2019 1:18
Operator : JU/SJ
Sample : K2099-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Quant Time: Mar 27 05:03:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration



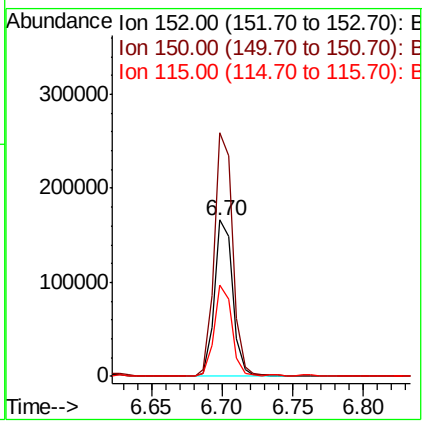


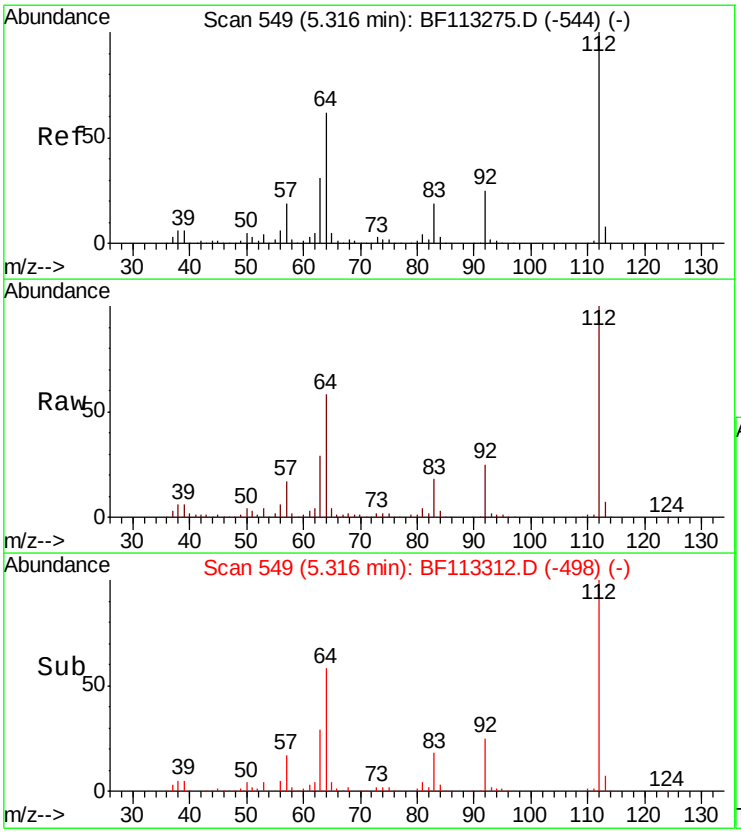
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:152 Resp: 150396

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.7	187.1
115	58.6	46.0	69.0

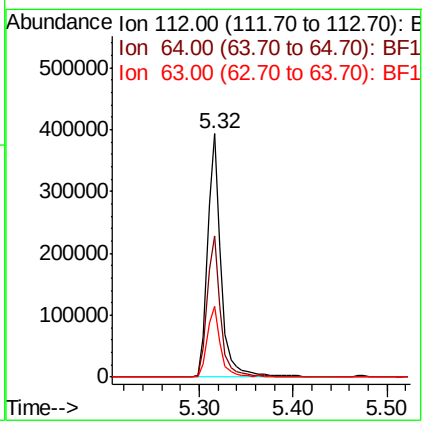


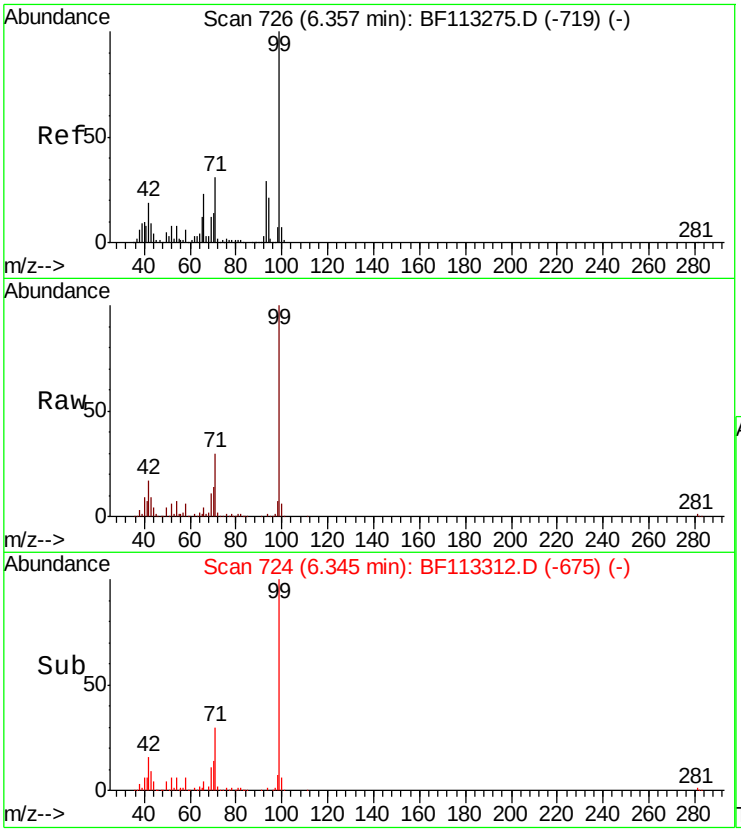


#5
2-Fluorophenol
Concen: 43.195 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:112 Resp: 397298

Ion	Ratio	Lower	Upper
112	100		
64	57.8	49.2	73.8
63	29.1	24.9	37.3



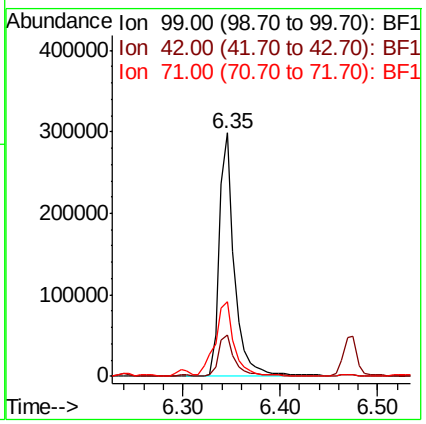


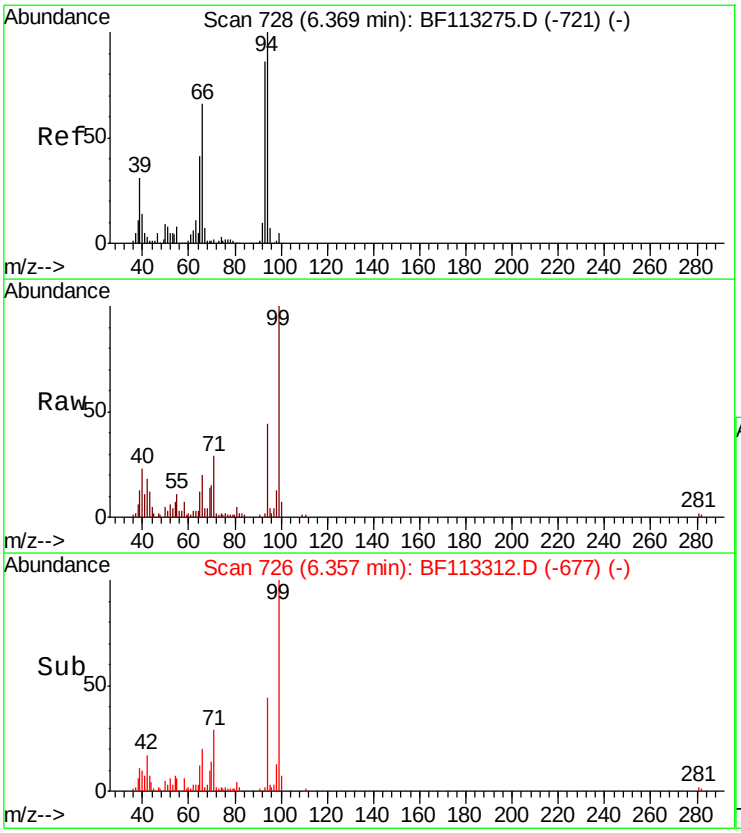
#7
Phenol-d6
Concen: 27.513 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion: 99 Resp: 320136

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.8	22.2
71	30.5	24.9	37.3

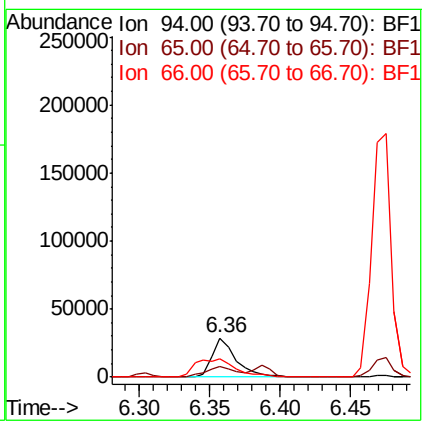


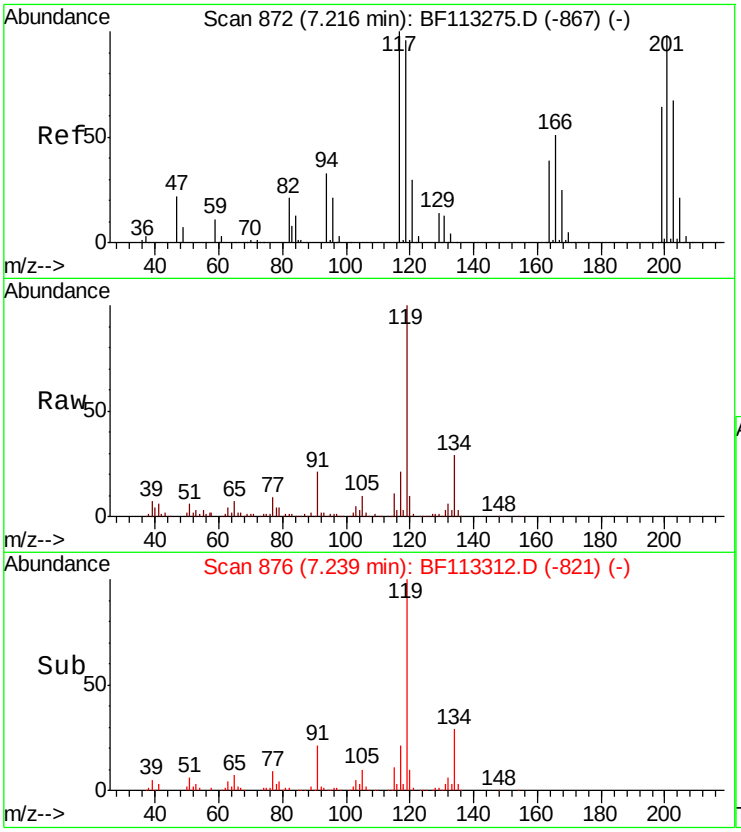


#10
Phenol
Concen: 2.596 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion: 94 Resp: 34485

Ion	Ratio	Lower	Upper
94	100		
65	28.3	21.4	61.4
66	46.0	46.4	86.4#



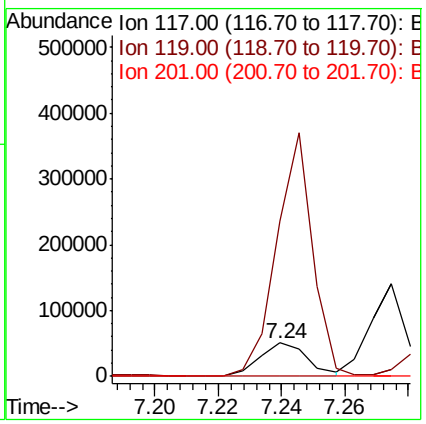


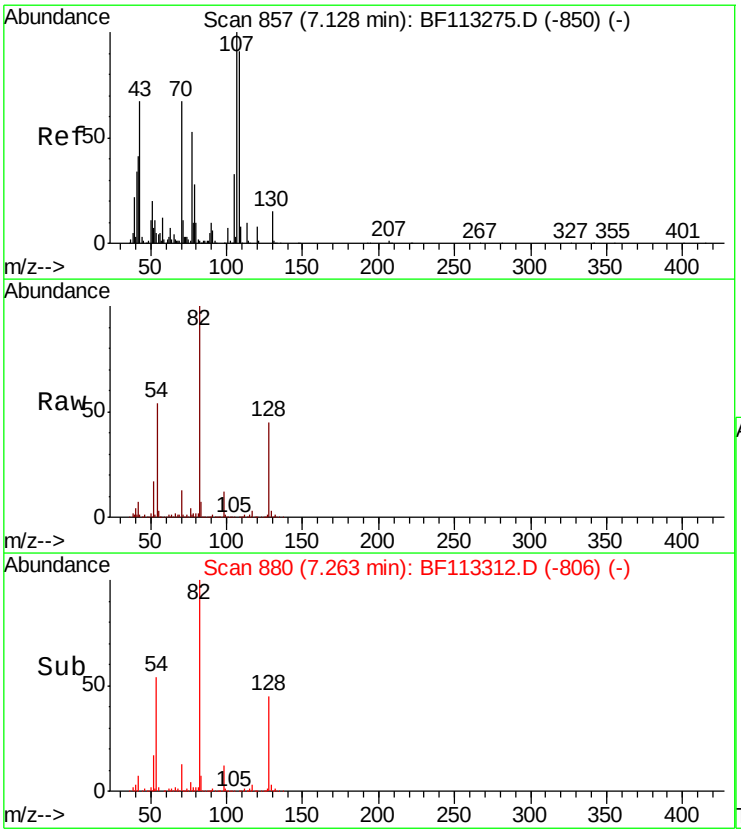
#18
Hexachloroethane
Concen: 13.329 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:117 Resp: 53220

Ion	Ratio	Lower	Upper
117	100		
119	469.9	76.9	115.3#
201	0.0	78.7	118.1#

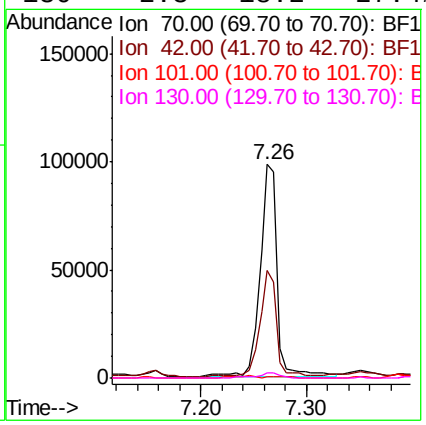


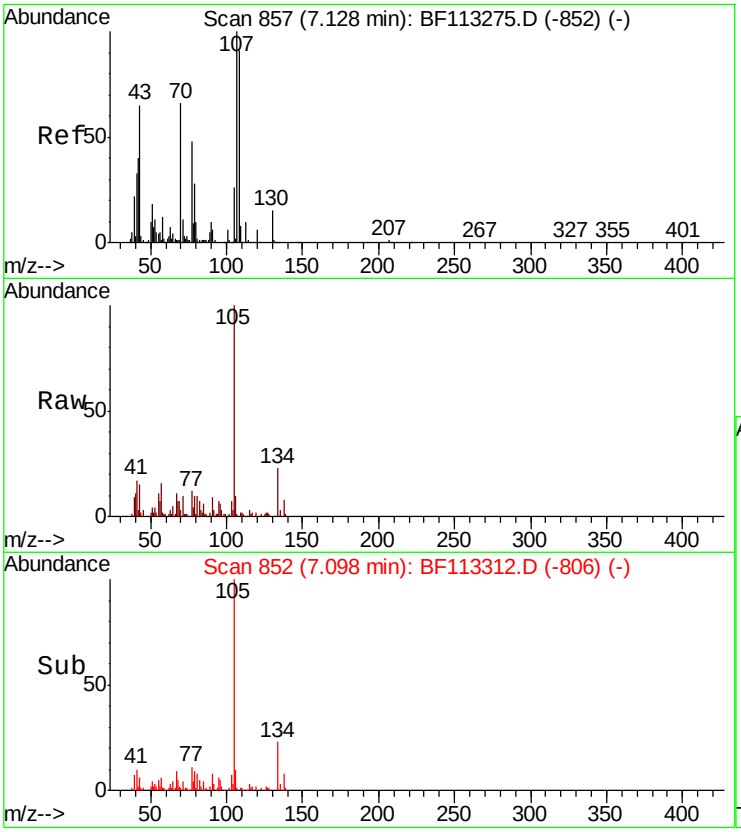


#19
n-Nitroso-di-n-propylamine
Concen: 15.316 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion: 70 Resp: 111941

Ion	Ratio	Lower	Upper
70	100		
42	50.6	48.4	72.6
101	0.4	7.8	11.8#
130	2.3	18.2	27.4#



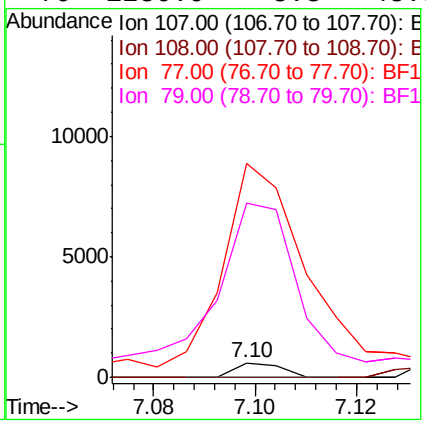


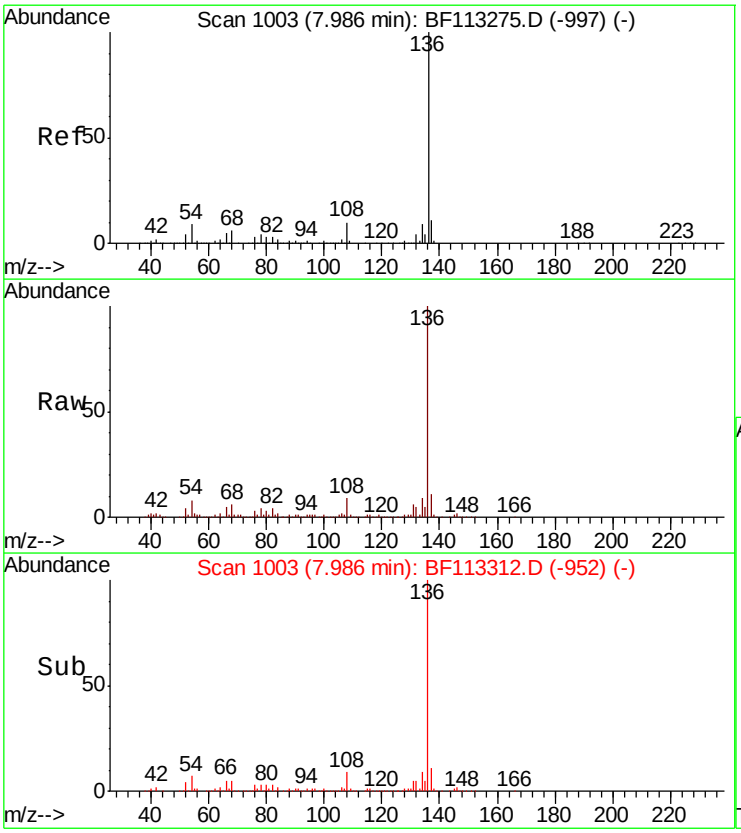
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.10 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:107 Resp: 379

Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.4	111.4#
77	1513.8	33.5	73.5#
79	1230.9	8.3	48.3#

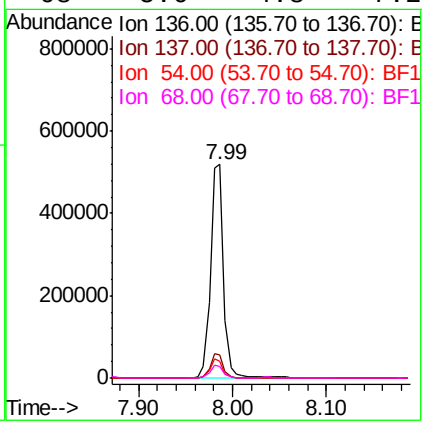


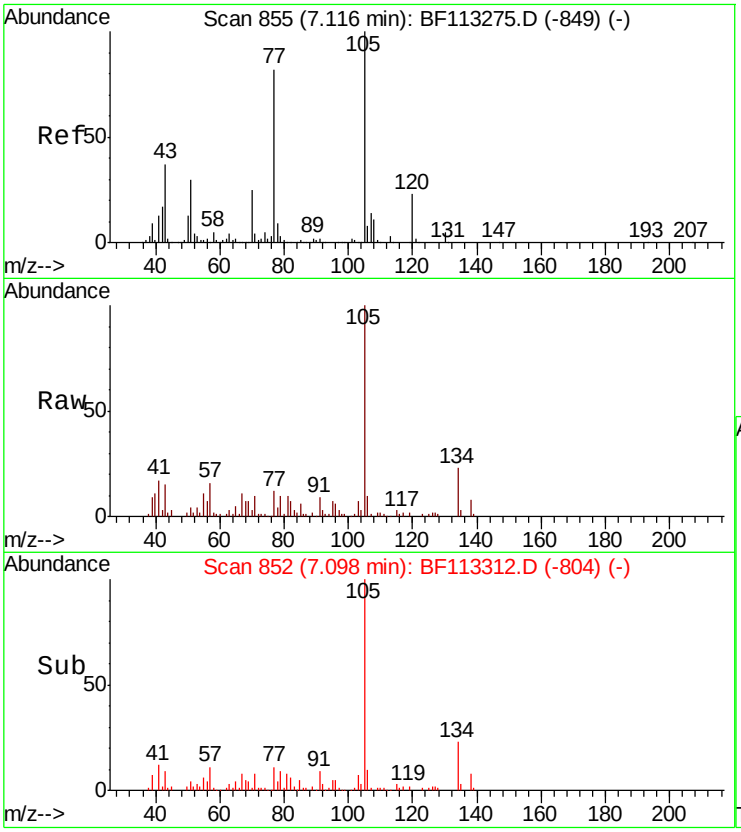


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:136 Resp: 513324

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	7.0	10.6
68	5.6	4.8	7.2



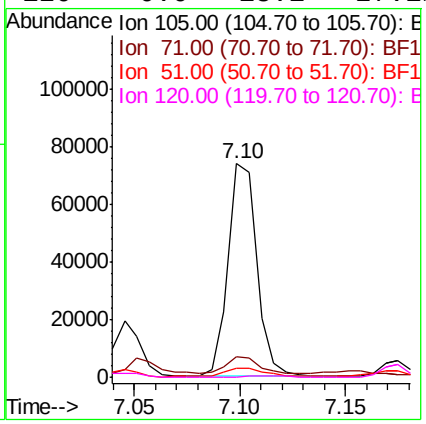


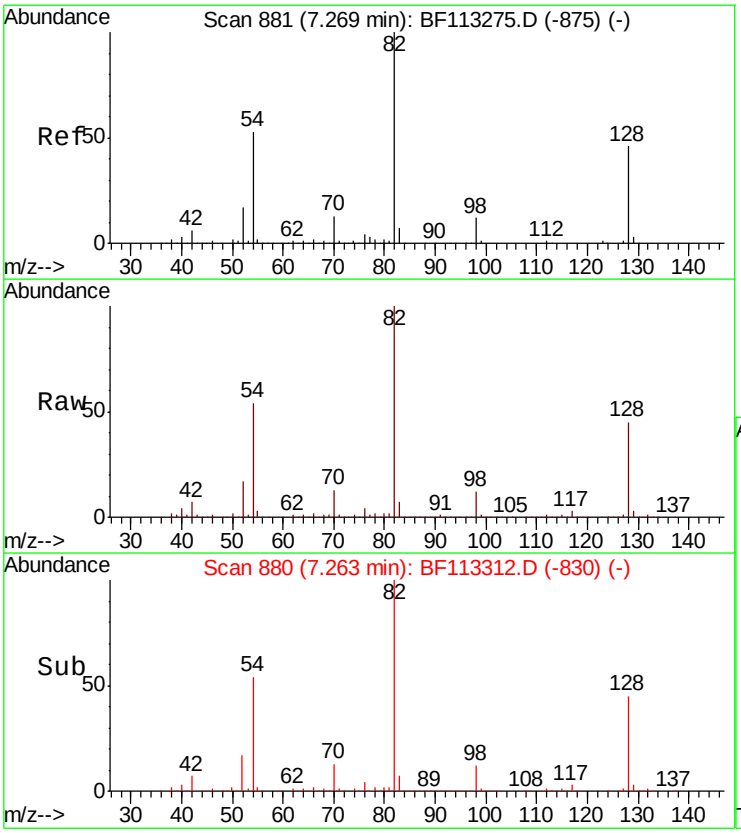
#22
Acetophenone
Concen: 5.919 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:105 Resp: 69296

Ion	Ratio	Lower	Upper
105	100		
71	9.7	3.3	4.9#
51	4.5	24.2	36.2#
120	0.0	18.1	27.1#

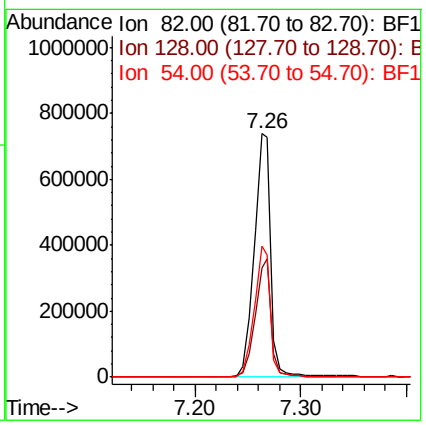


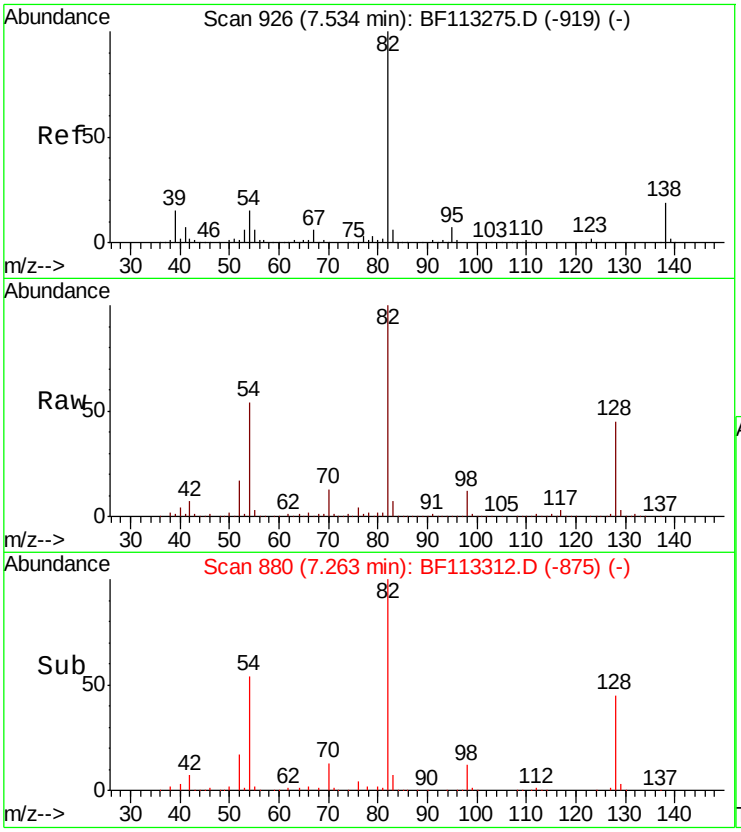


#23
Nitrobenzene-d5
Concen: 94.360 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion: 82 Resp: 816072

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.5	54.7
54	53.9	42.2	63.2



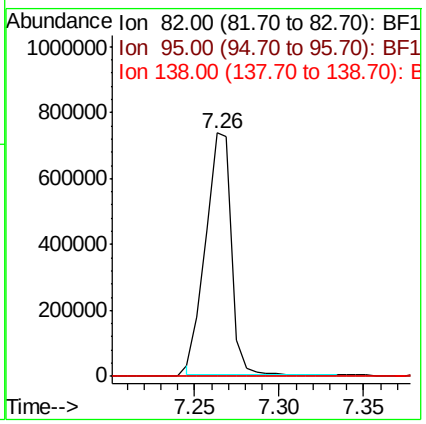


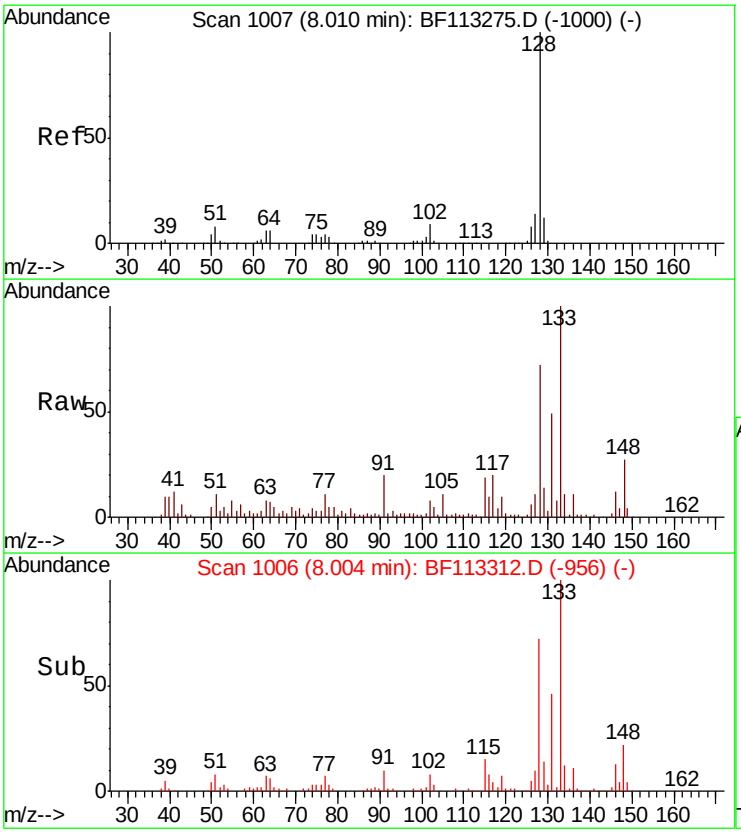
#25
Isophorone
Concen: 47.064 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion: 82 Resp: 788820

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.5	8.3#
138	0.0	15.2	22.8#

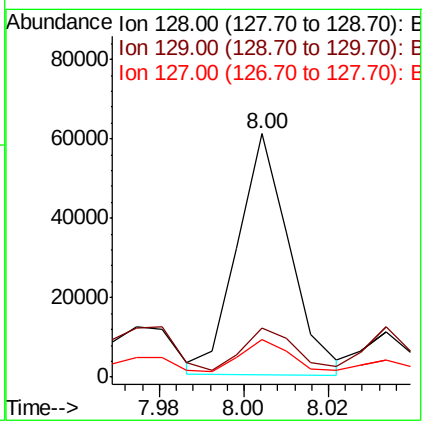


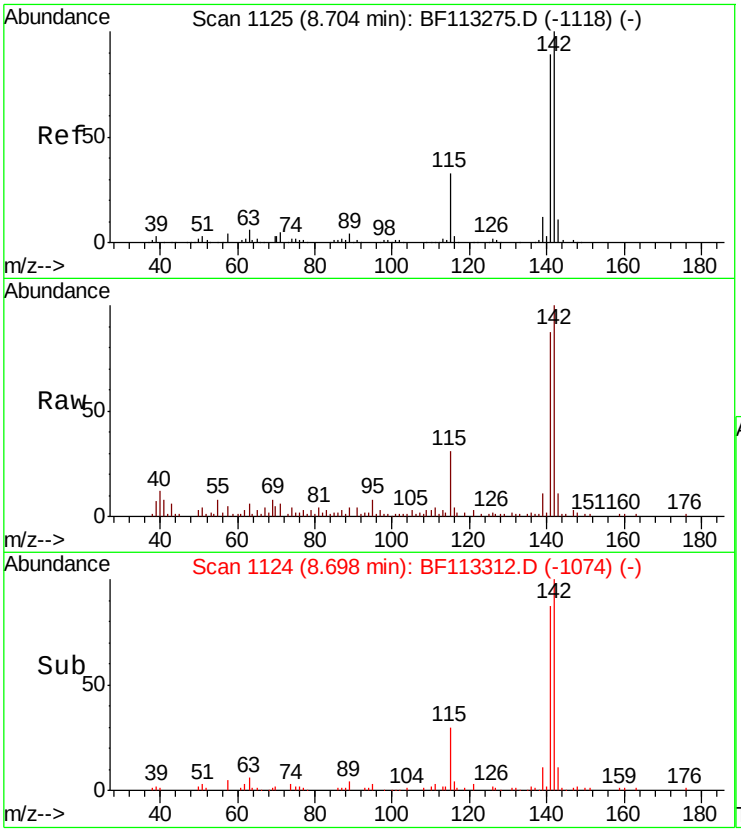


#31
Naphthalene
Concen: 2.085 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:128 Resp: 52293

Ion	Ratio	Lower	Upper
128	100		
129	20.0	9.3	13.9#
127	15.4	10.9	16.3



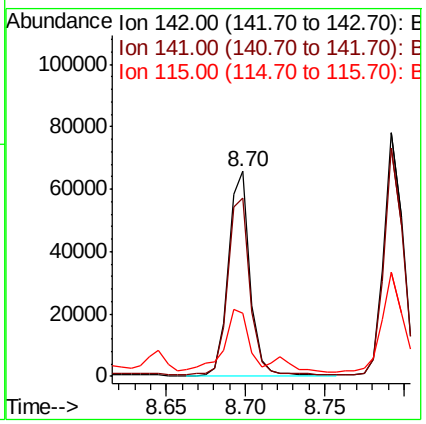


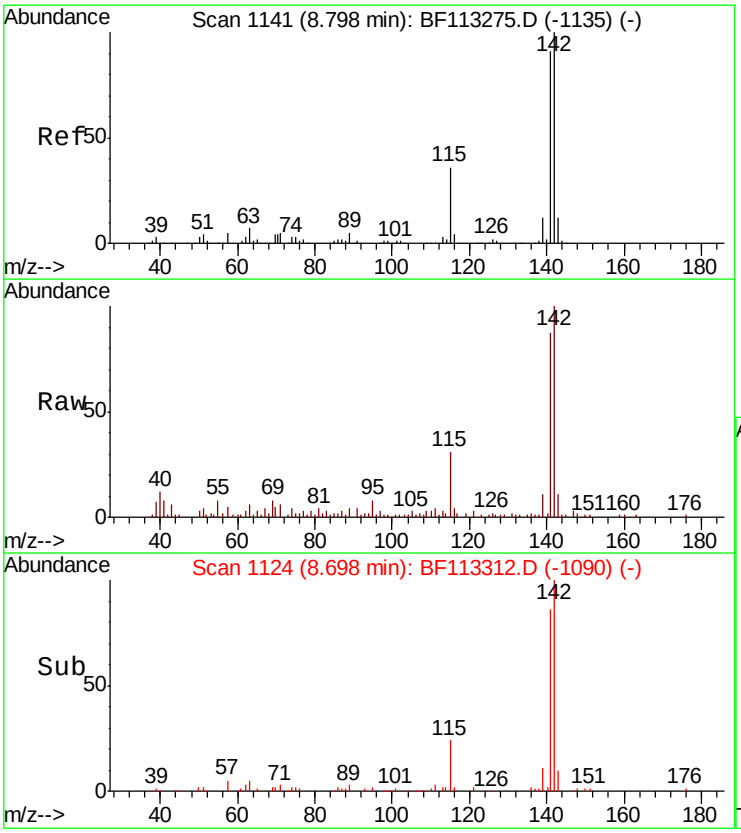
#37
2-Methylnaphthalene
Concen: 4.013 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:142 Resp: 62813

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.0	106.6
115	30.9	26.6	39.8

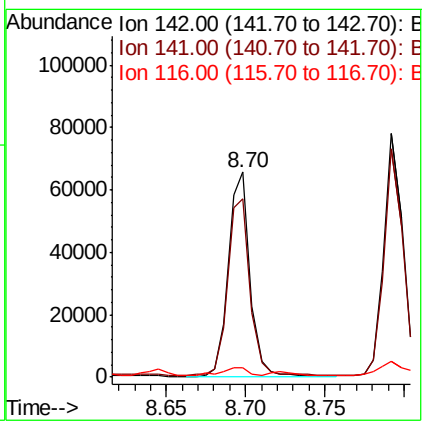


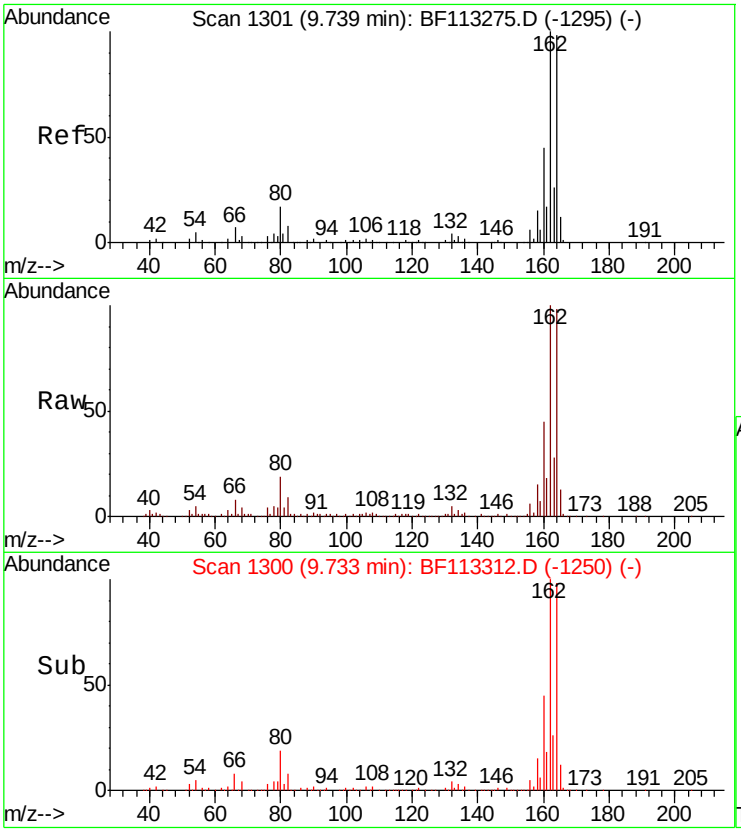


#38
1-Methylnaphthalene
Concen: 4.172 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.10 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:142 Resp: 62813

Ion	Ratio	Lower	Upper
142	100		
141	86.9	73.2	109.8
116	4.3	3.0	4.4



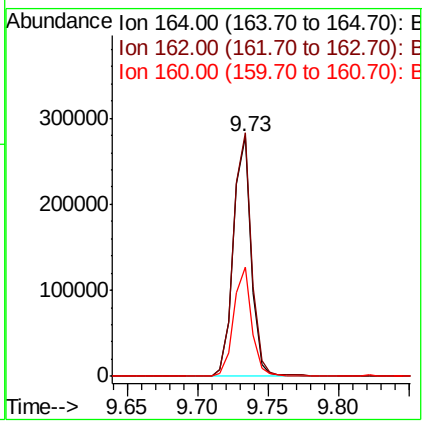


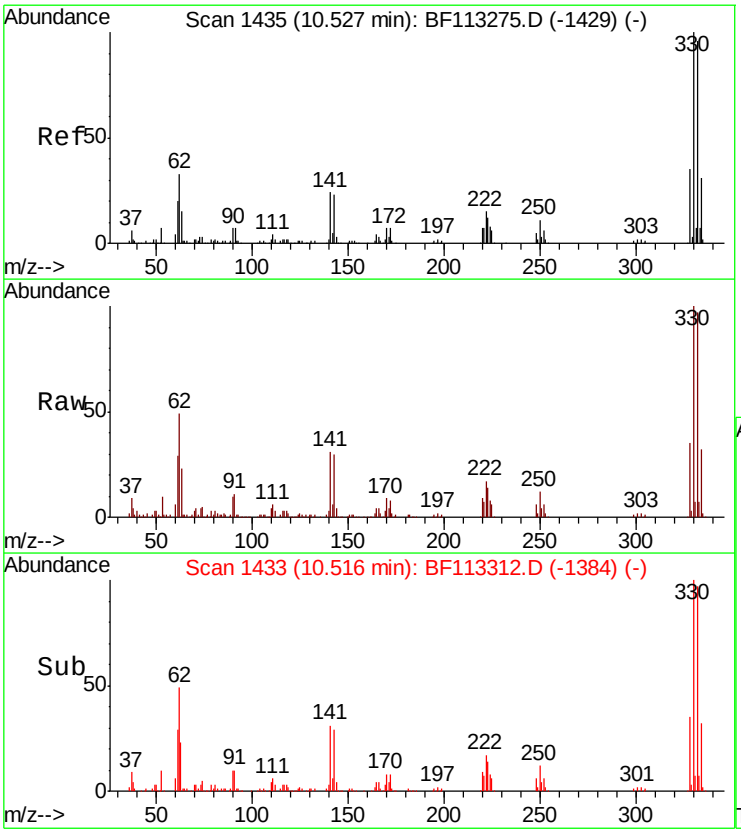
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:164 Resp: 244930

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.8	122.6
160	45.9	36.4	54.6

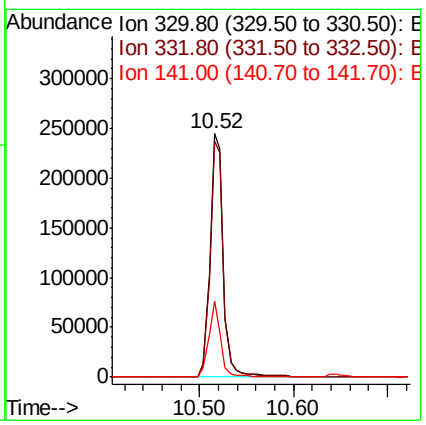


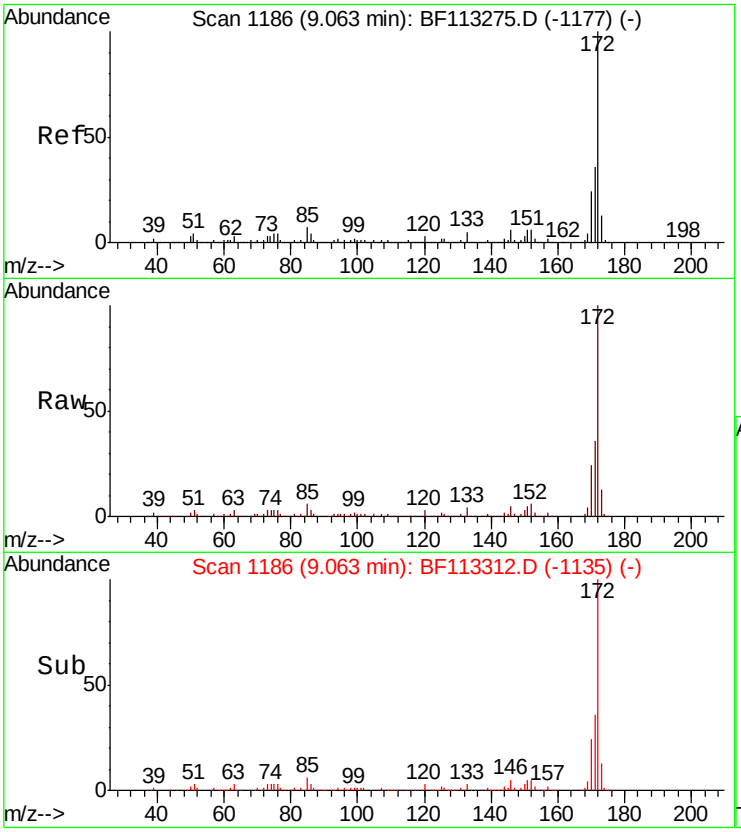


#42
2,4,6-Tribromophenol
Concen: 81.610 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:330 Resp: 246906

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	28.8	22.7	34.1



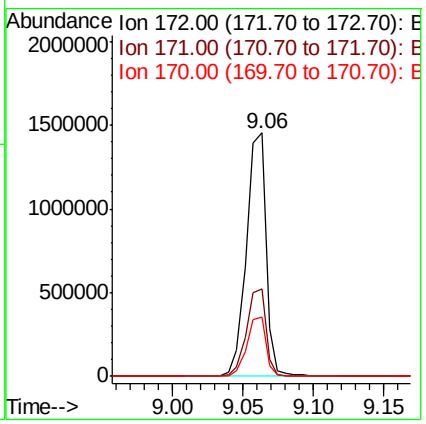


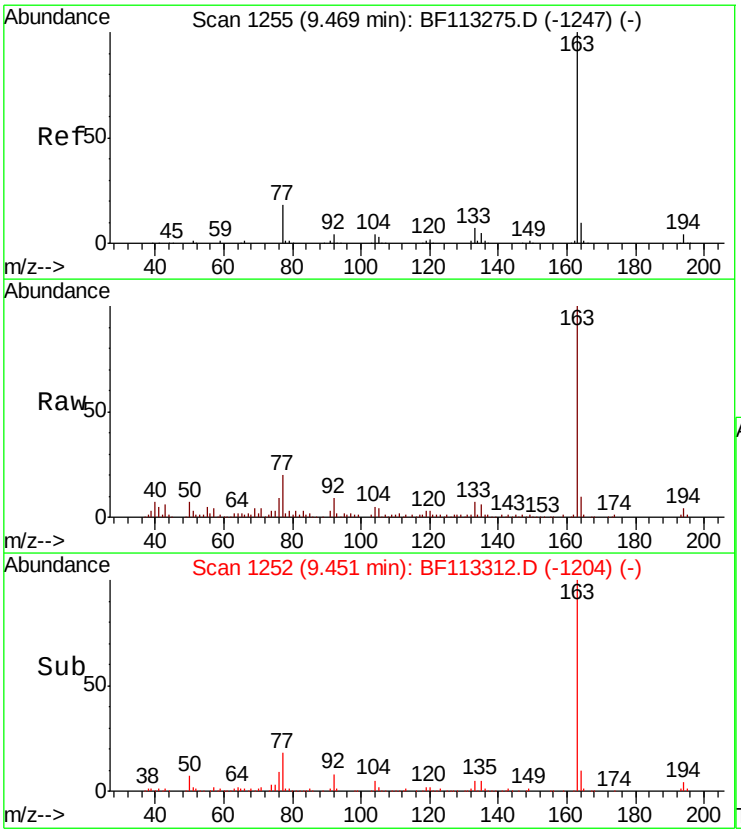
#45
2-Fluorobiphenyl
Concen: 93.250 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:172 Resp: 1430458

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.5	29.3

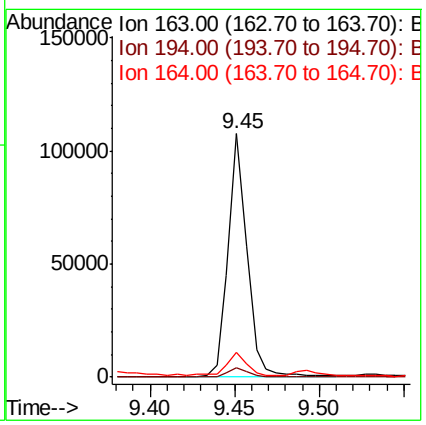


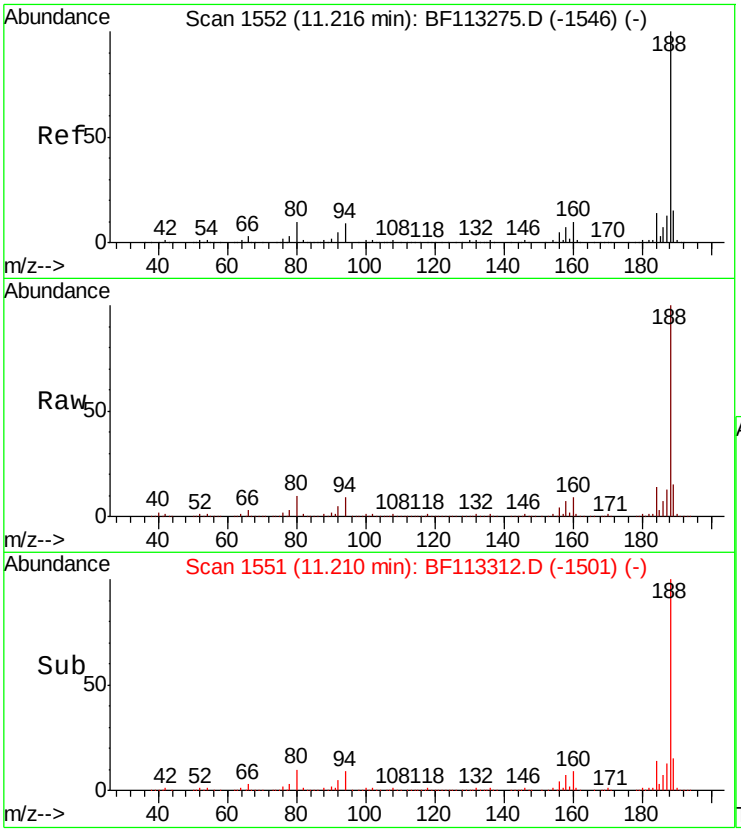


#50
Dimethylphthalate
Concen: 4.668 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:163 Resp: 84737

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	8.1	12.1



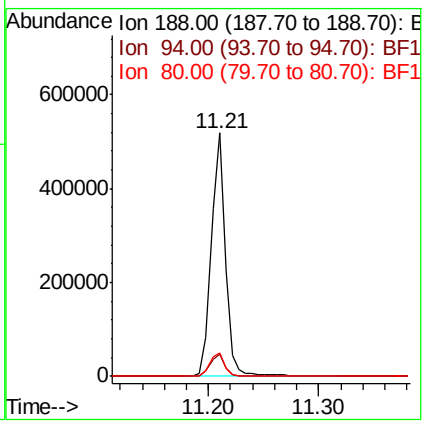


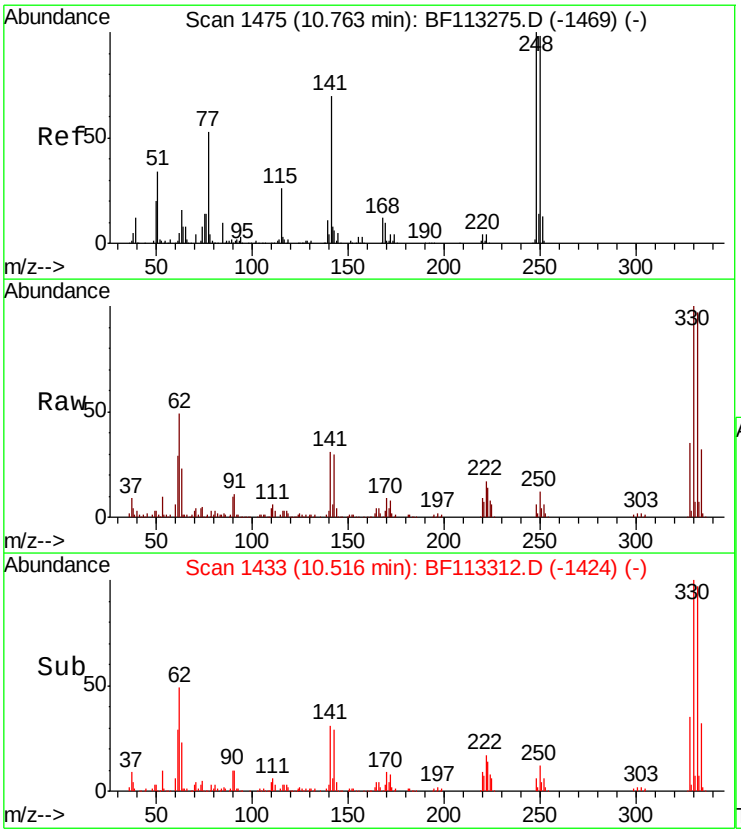
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:188 Resp: 453727

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	9.5	7.7	11.5

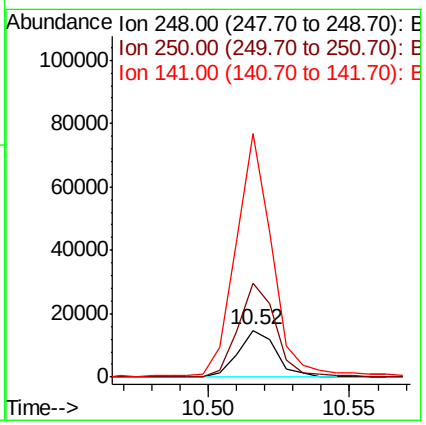


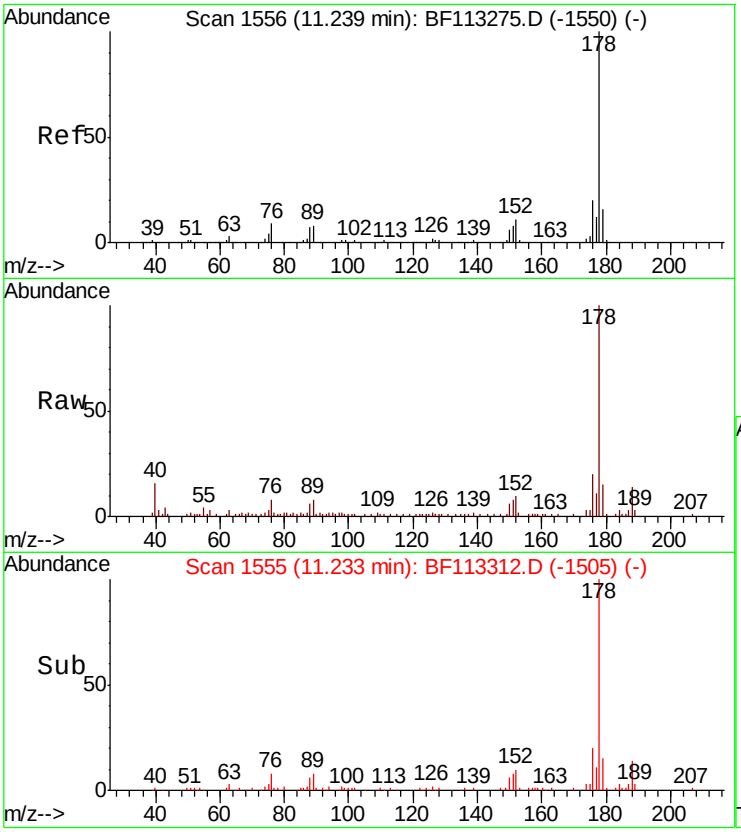


#67
4-Bromophenyl-phenylether
Concen: 2.735 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:248 Resp: 13526

Ion	Ratio	Lower	Upper
248	100		
250	200.6	78.3	117.5#
141	523.9	56.2	84.4#



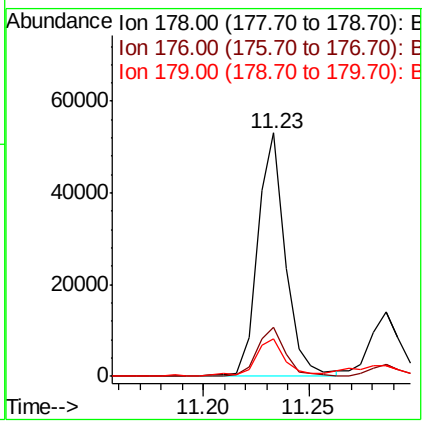


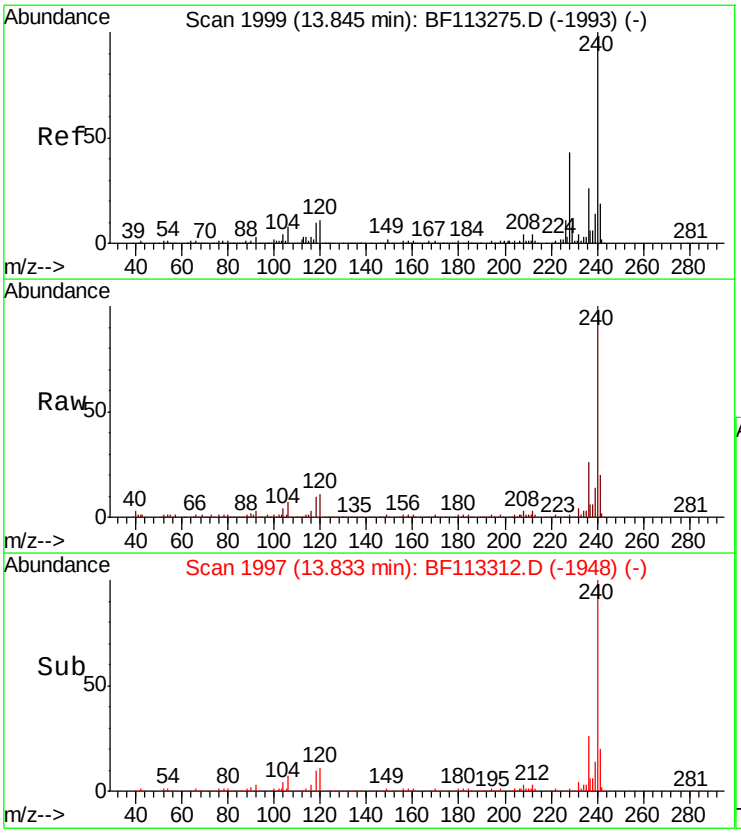
#71
Phenanthrene
Concen: 2.153 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:178 Resp: 48508

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.2
179	15.4	12.7	19.1

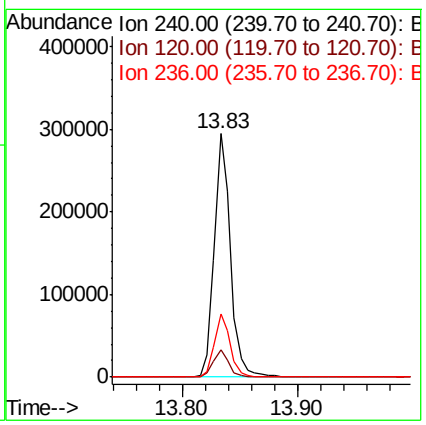


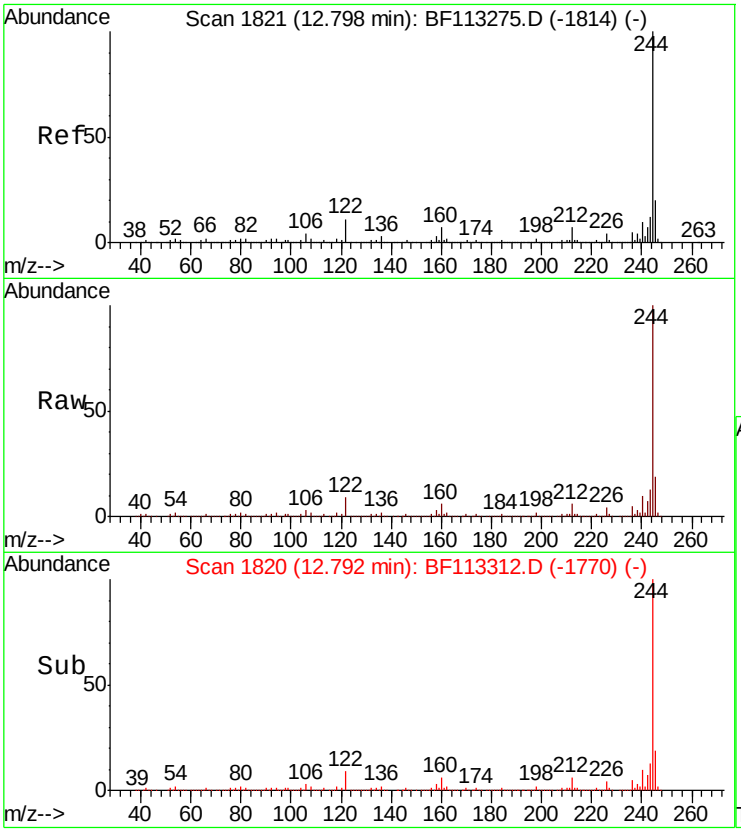


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:240 Resp: 286652

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.8	13.2
236	26.1	20.9	31.3



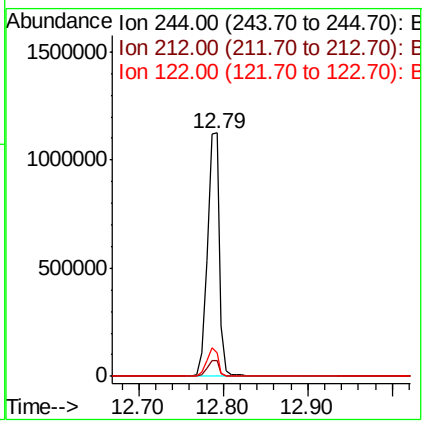


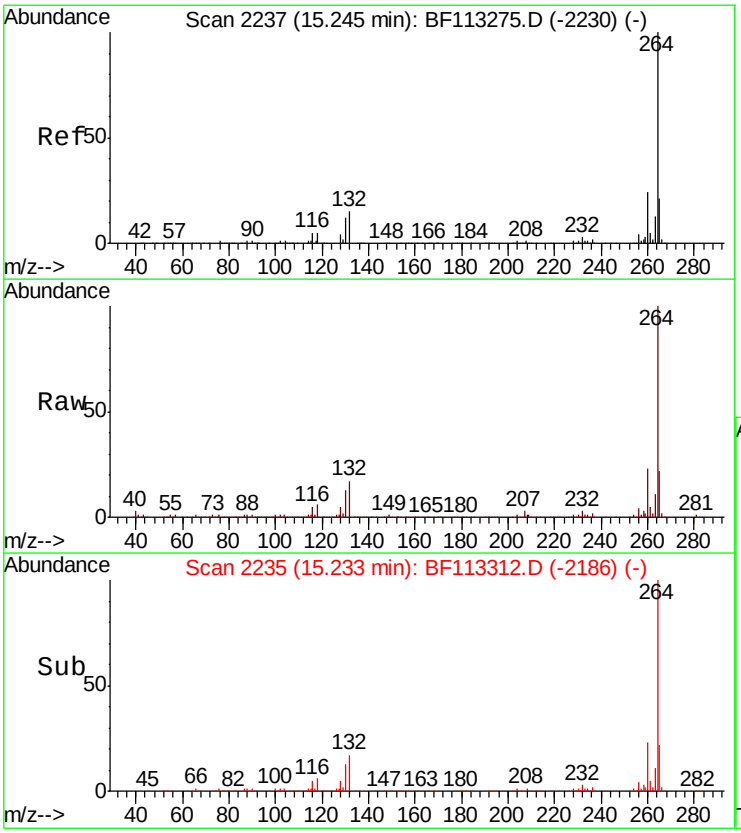
#79
Terphenyl-d14
Concen: 86.785 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:244 Resp: 1128640

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.5	8.3
122	9.5	8.6	13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:264 Resp: 337741

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.7	17.1	25.7