Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111512.D
Acq On : 16 Dec 2018 16:57
Operator : JU/SJ
Sample : J6391-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS015-0612-01

Quant Time: Dec 17 07:18:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	152040	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	605718	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	253009	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	338677	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	364816	20.00	ng	0.00
87) Perylene-d12	15.39	264	307399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1250649	136.88	ng	0.00
7) Phenol-d6	6.43	99	1388330	114.23	ng	0.00
23) Nitrobenzene-d5	7.35	82	852023	83.76	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	182071	80.33	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1308060	79.86	ng	-0.01
79) Terphenyl-d14	12.90	244	764288	49.20	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	123292	9.107	ng	95
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	14264	2.056	ng	98
50) Dimethylphthalate	9.53	163	74534	4.091	ng	97
68) Hexachlorobenzene	10.92	284	18366	4.891	ng	96

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

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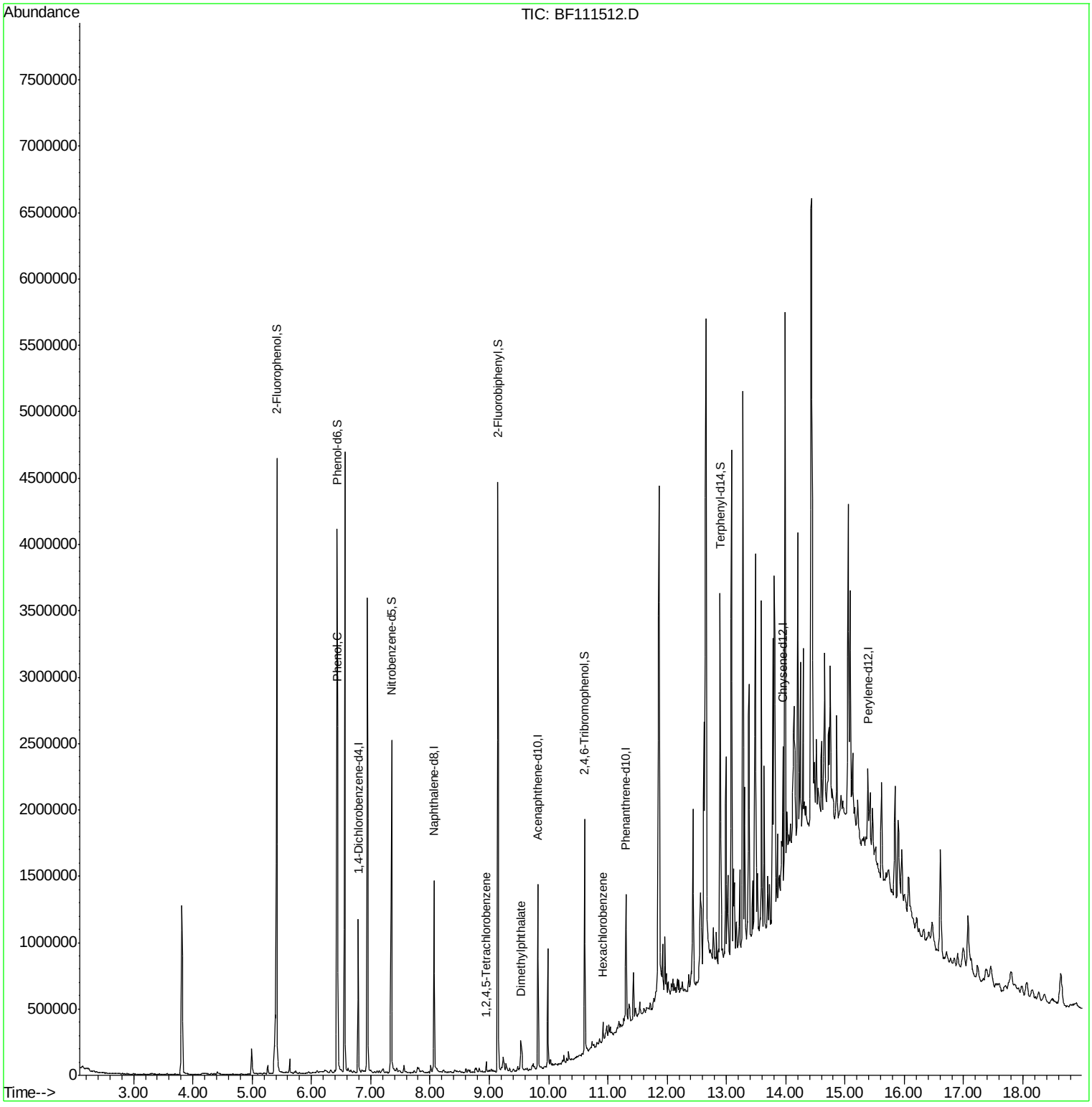
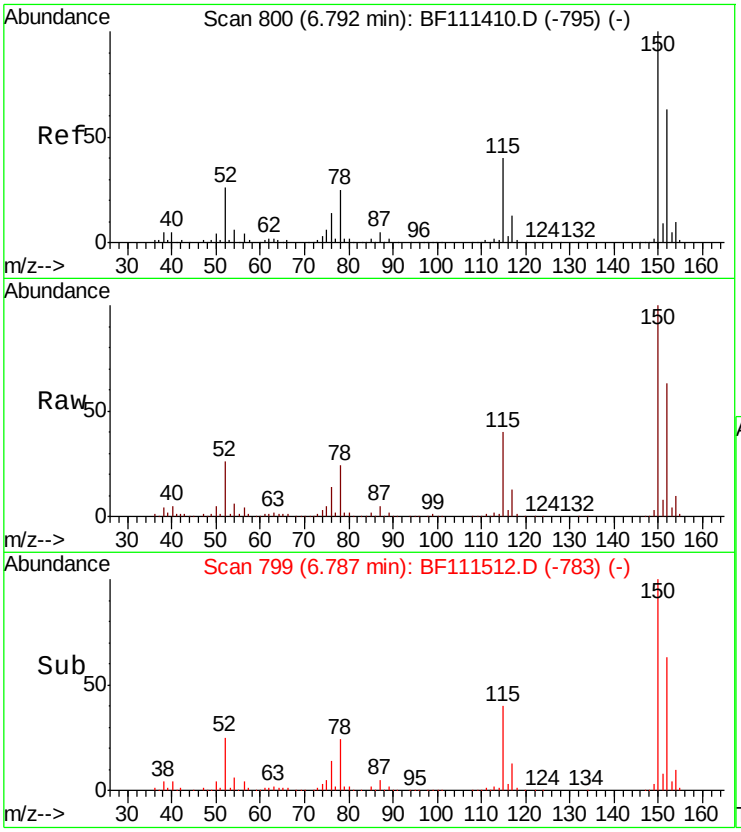


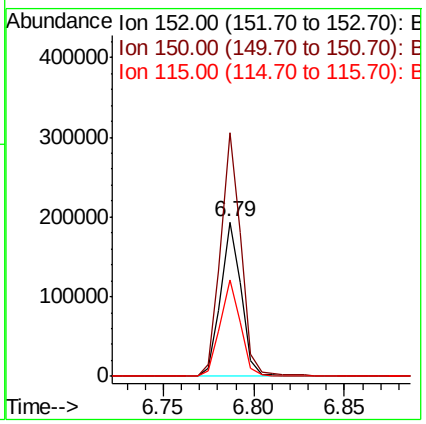


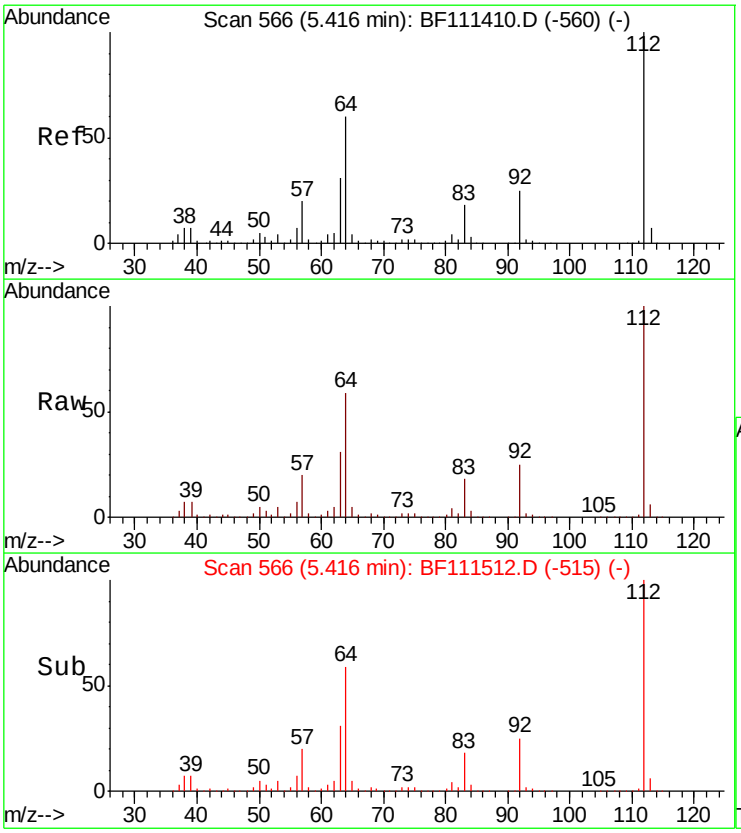
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

Tgt Ion:152 Resp: 152040

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	189.8
115	62.6	50.7	76.1

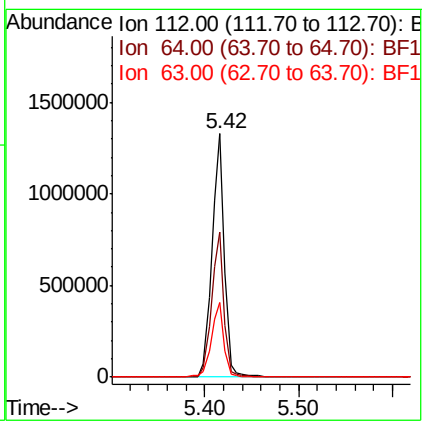


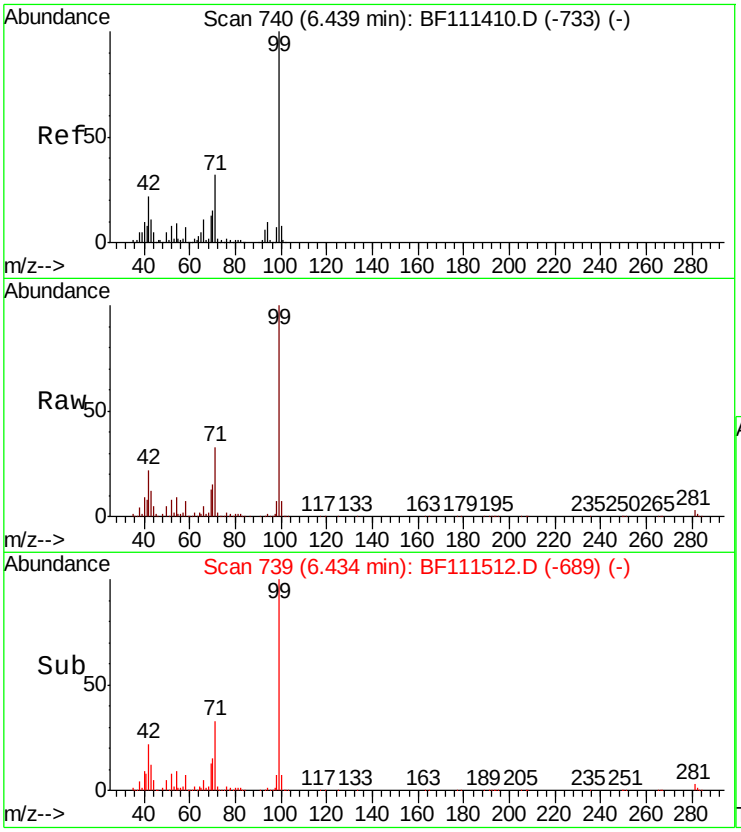


#5
2-Fluorophenol
Concen: 136.882 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Tgt Ion:112 Resp: 1250649

Ion	Ratio	Lower	Upper
112	100		
64	59.4	51.8	77.6
63	30.9	26.8	40.2



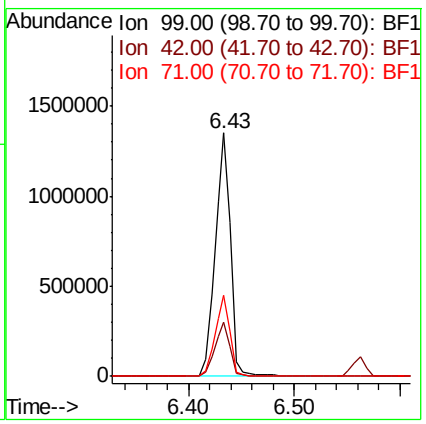


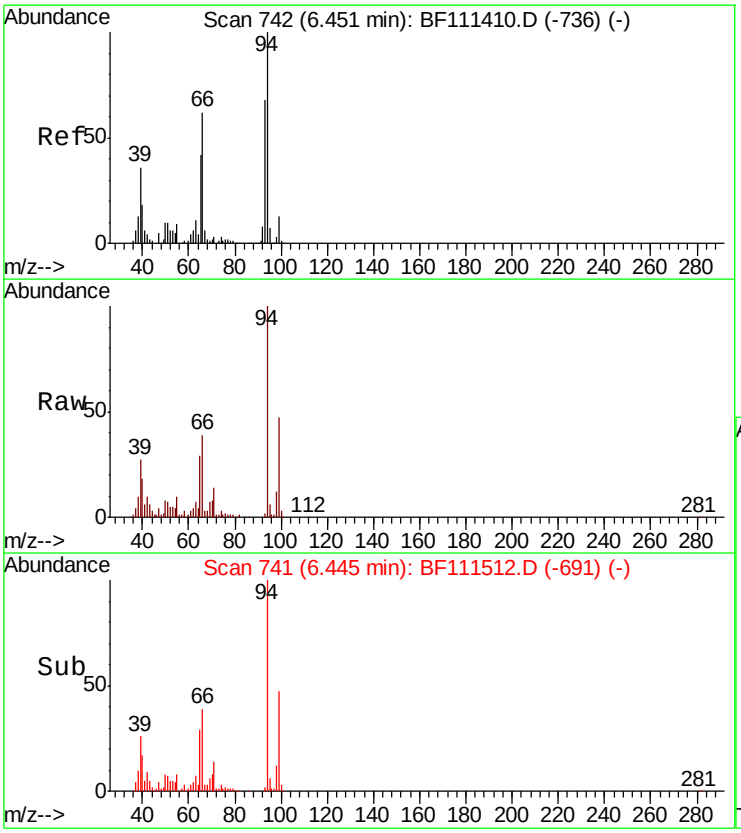
#7
Phenol-d6
Concen: 114.234 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

Tgt Ion: 99 Resp: 1388330

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.4	26.0
71	33.4	26.1	39.1

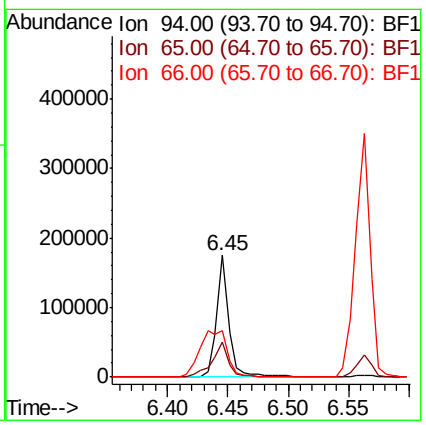


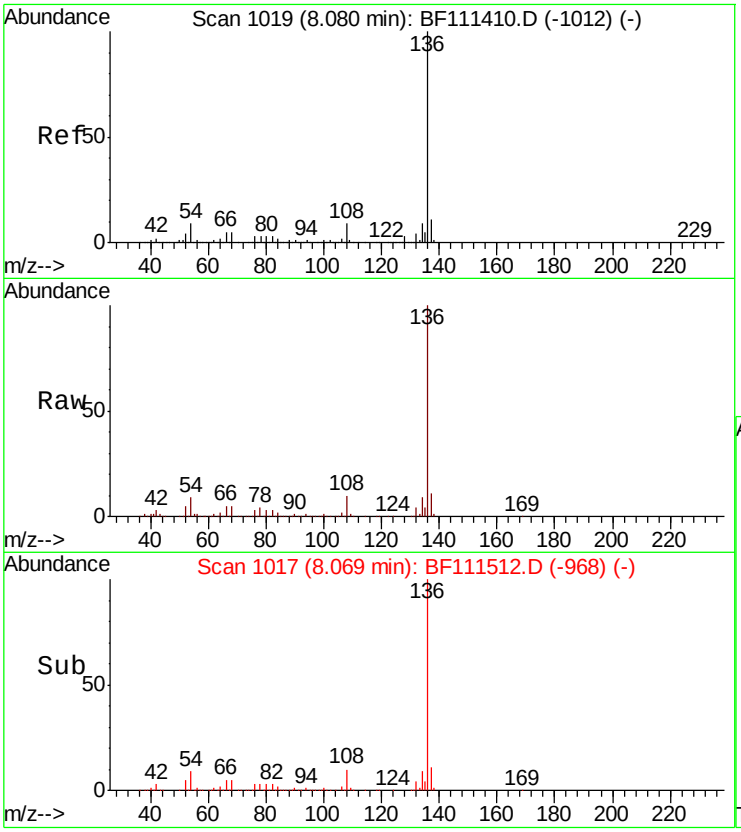


#10
Phenol
Concen: 9.107 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Tgt Ion: 94 Resp: 123292

Ion	Ratio	Lower	Upper
94	100		
65	28.6	11.7	51.7
66	38.6	21.0	61.0



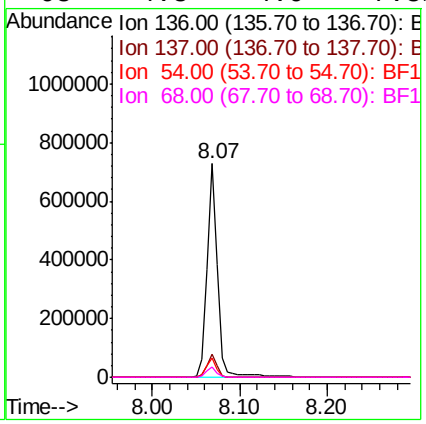


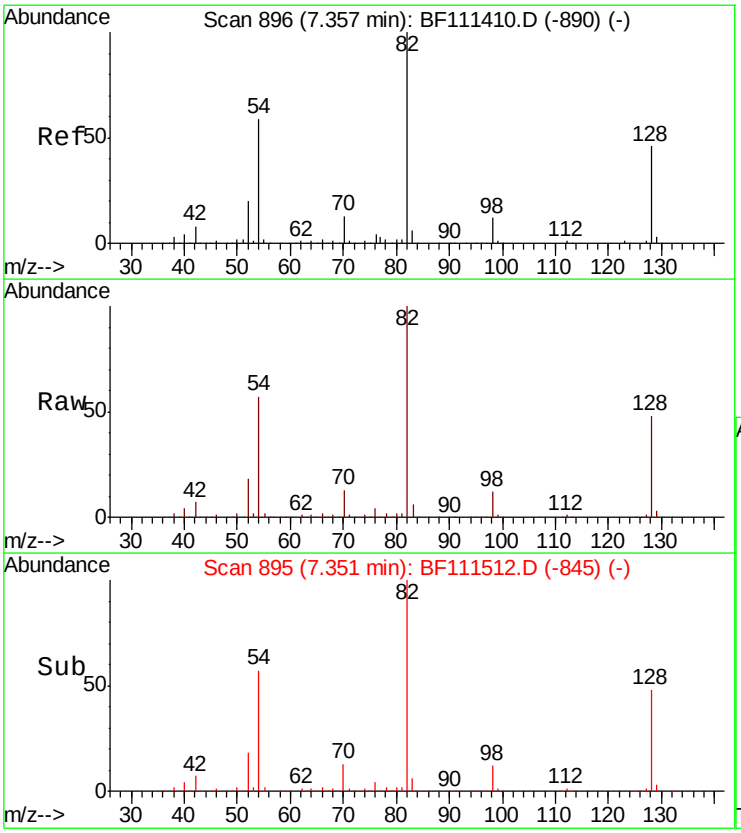
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

Tgt Ion:136 Resp: 605718

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.8	7.7	11.5
68	4.8	4.9	7.3#

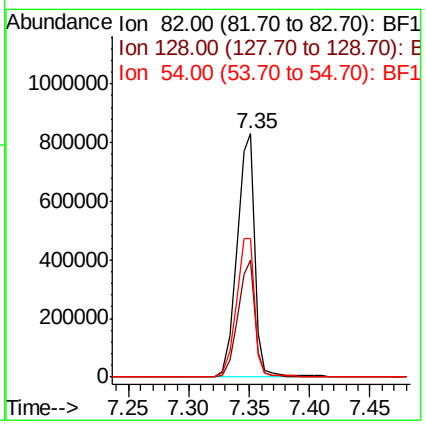


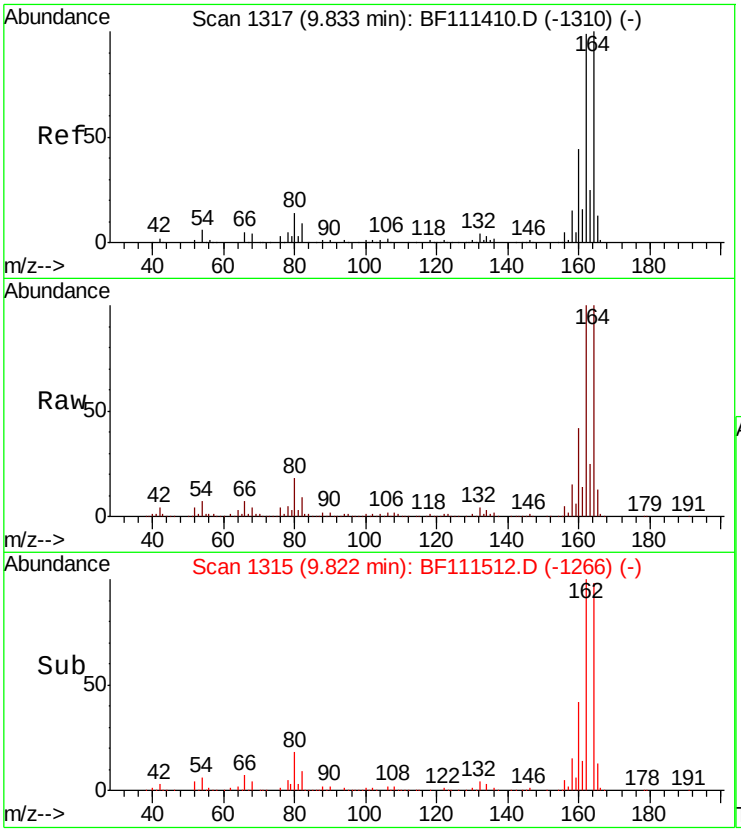


#23
Nitrobenzene-d5
Concen: 83.763 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Tgt Ion: 82 Resp: 852023

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.4	56.2
54	57.1	47.6	71.4



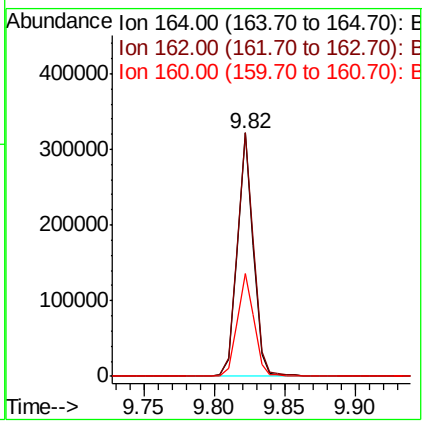


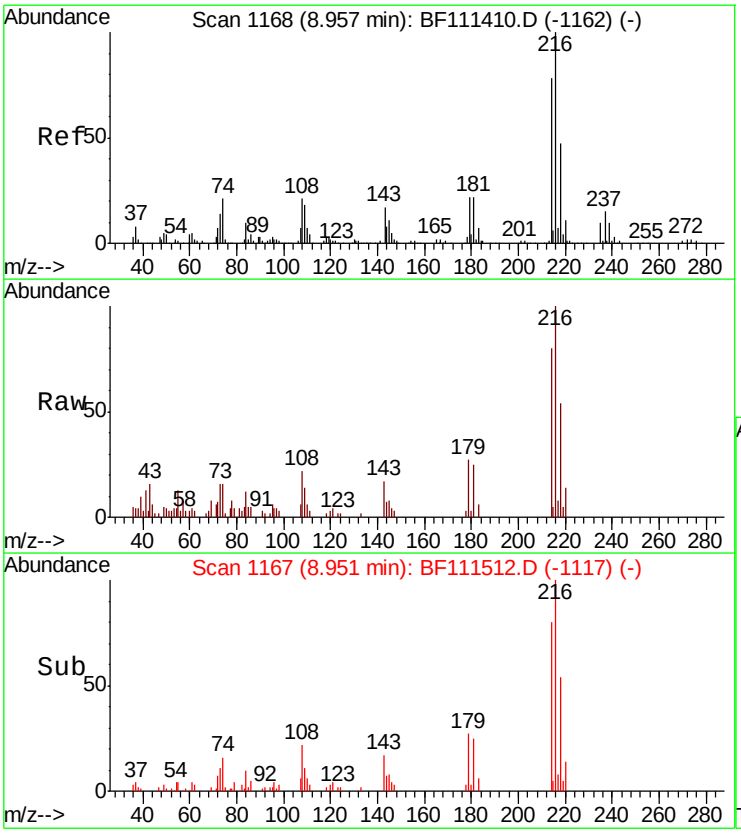
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

Tgt Ion:164 Resp: 253009

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.0
160	42.3	35.7	53.5

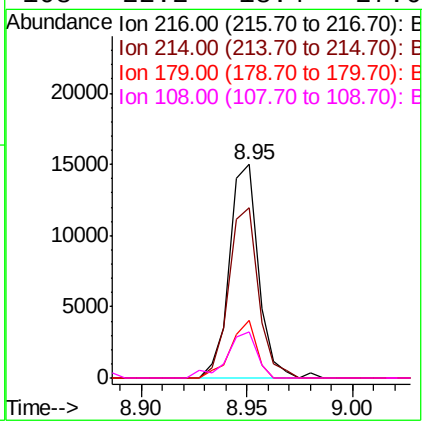


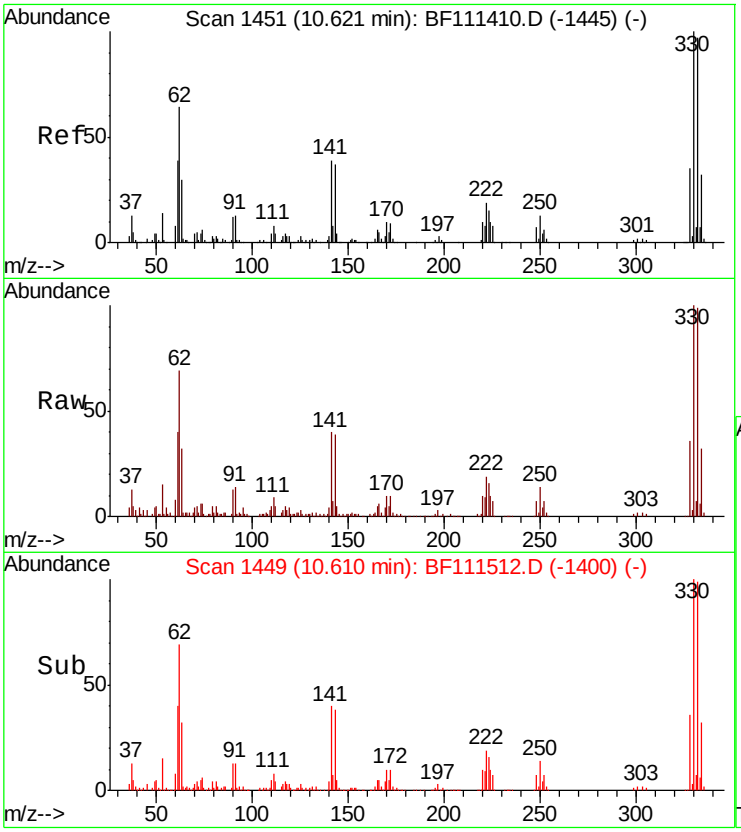


#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.056 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Tgt Ion:216 Resp: 14264

Ion	Ratio	Lower	Upper
216	100		
214	80.9	63.8	95.8
179	23.4	17.9	26.9
108	22.2	18.4	27.6



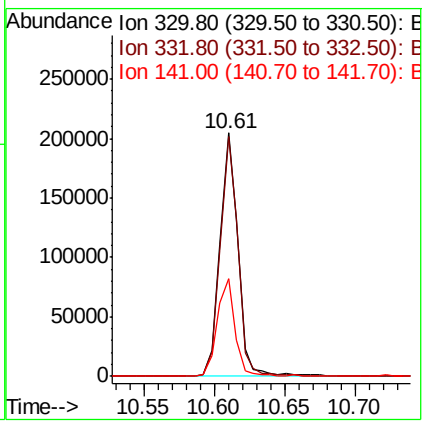


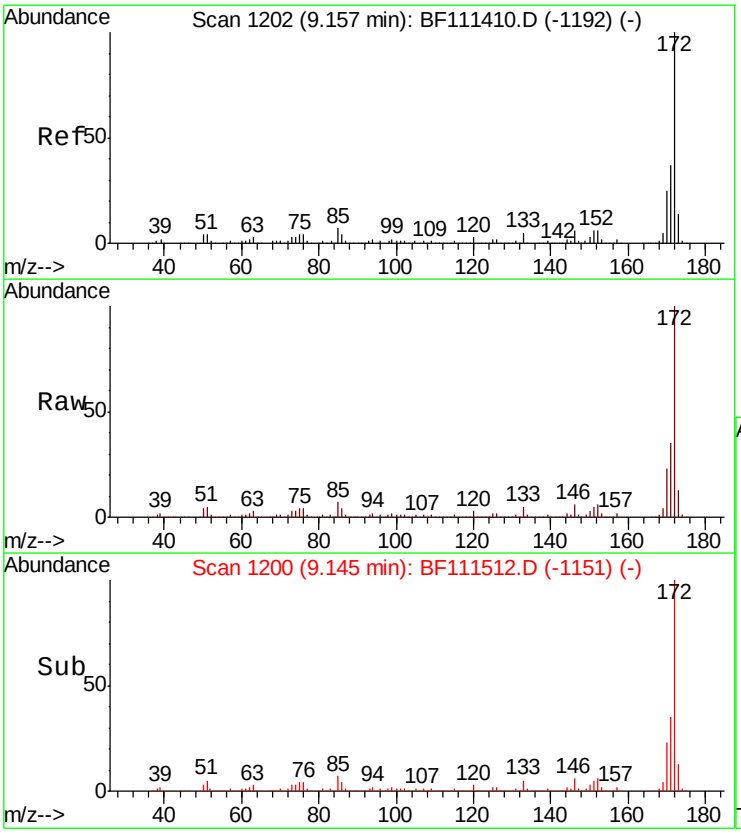
#42
2,4,6-Tribromophenol
Concen: 80.334 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

Tgt Ion:330 Resp: 182071

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.0	114.0
141	39.2	31.0	46.6

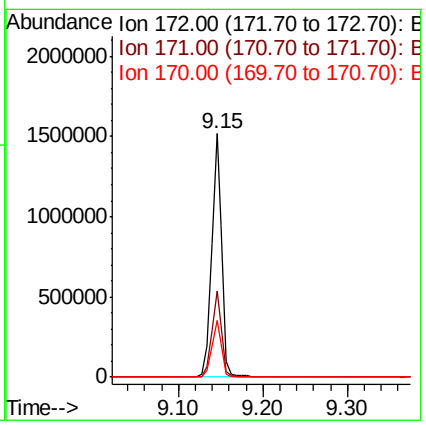


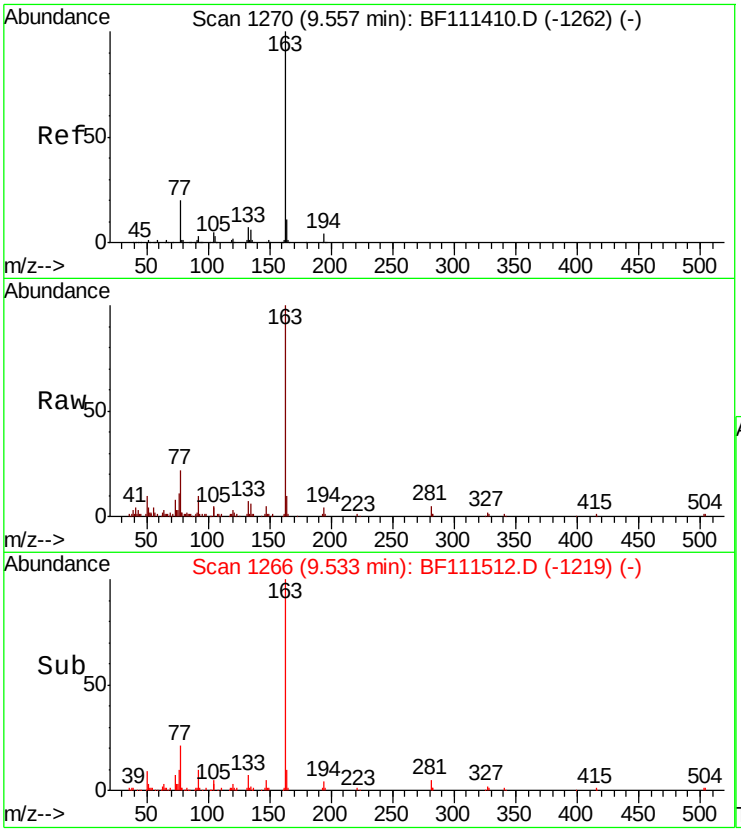


#45
2-Fluorobiphenyl
Concen: 79.858 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Tgt Ion:172 Resp: 1308060

Ion	Ratio	Lower	Upper
172	100		
171	35.2	33.0	49.4
170	23.3	22.3	33.5



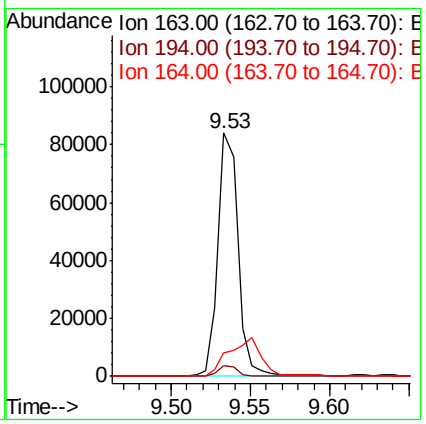


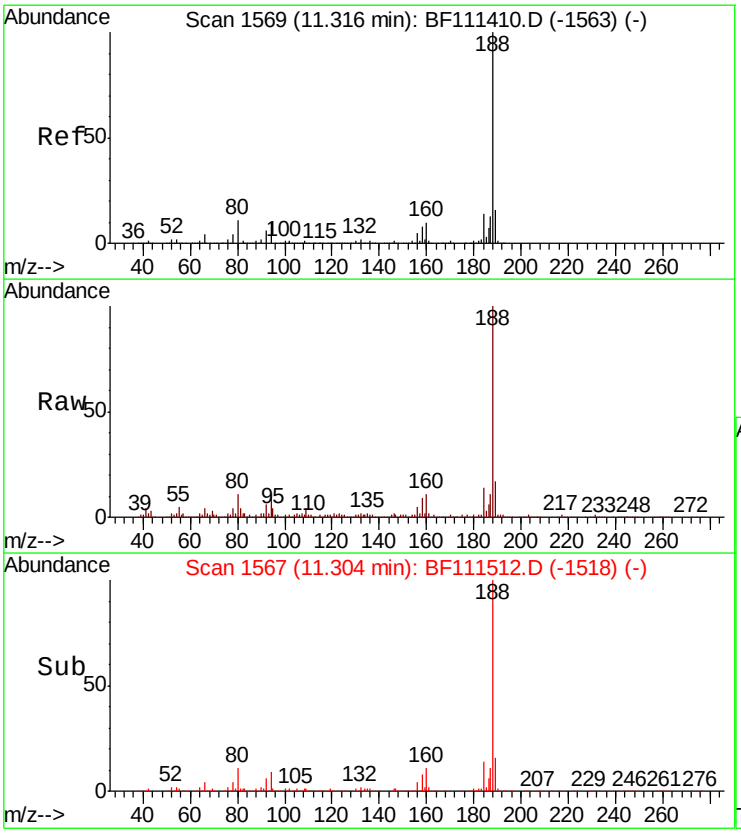
#50
Dimethylphthalate
Concen: 4.091 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

Tgt Ion:163 Resp: 74534

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.7	8.9	13.3

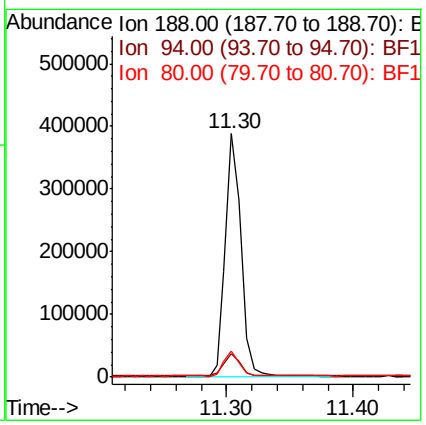


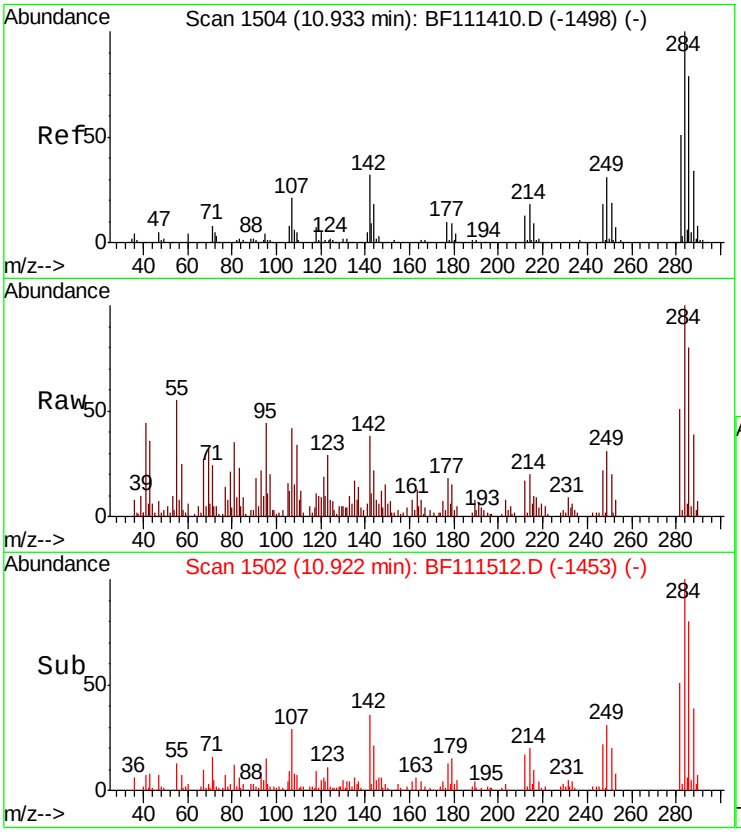


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Tgt Ion:188 Resp: 338677

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.6	14.4
80	10.9	9.8	14.6



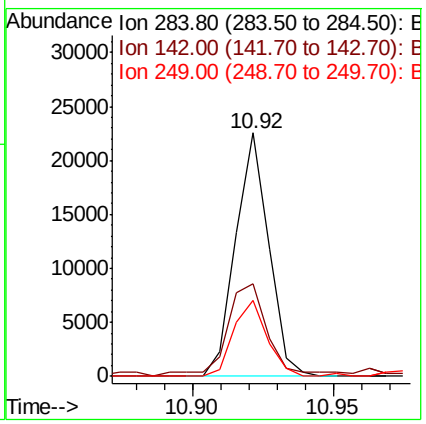


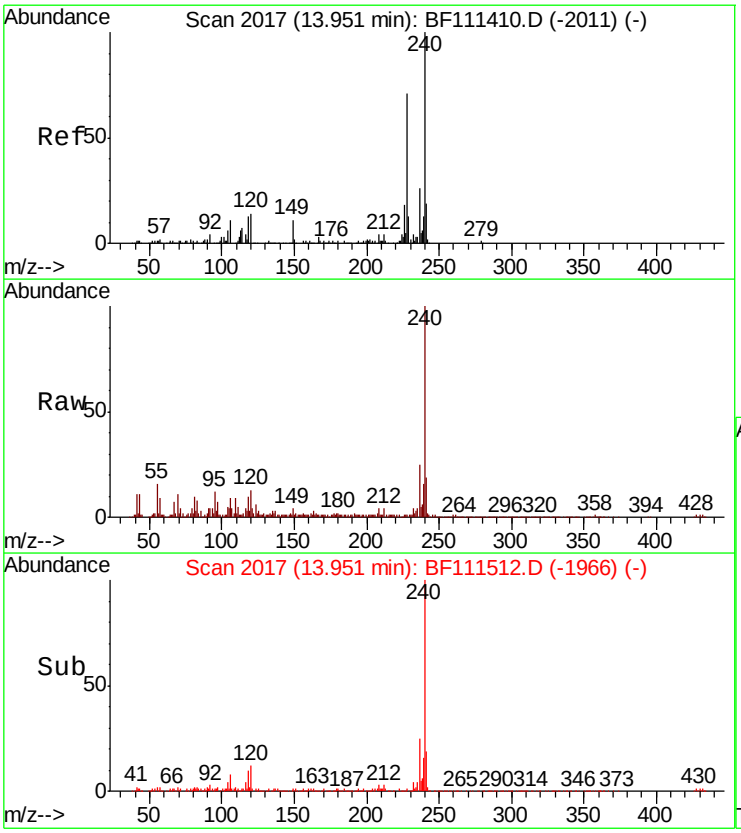
#68
Hexachlorobenzene
Concen: 4.891 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

Tgt Ion:284 Resp: 18366

Ion	Ratio	Lower	Upper
284	100		
142	38.1	27.4	41.2
249	31.1	24.4	36.6

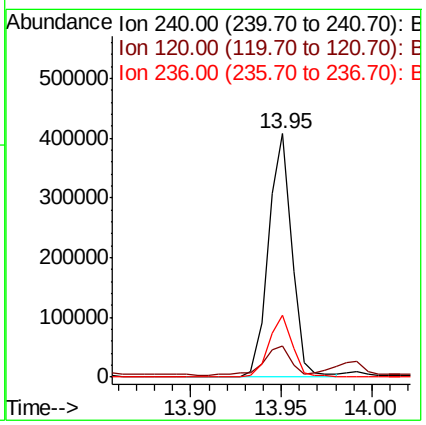


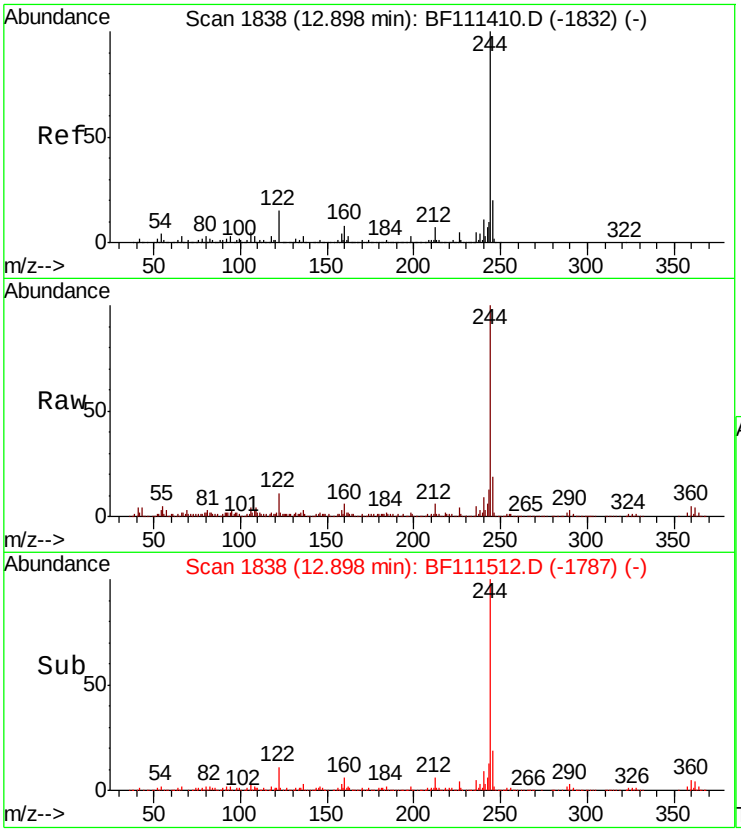


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Tgt Ion:240 Resp: 364816

Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.2	18.2
236	25.3	20.2	30.2



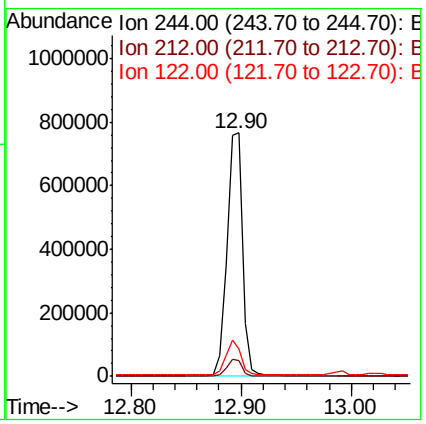


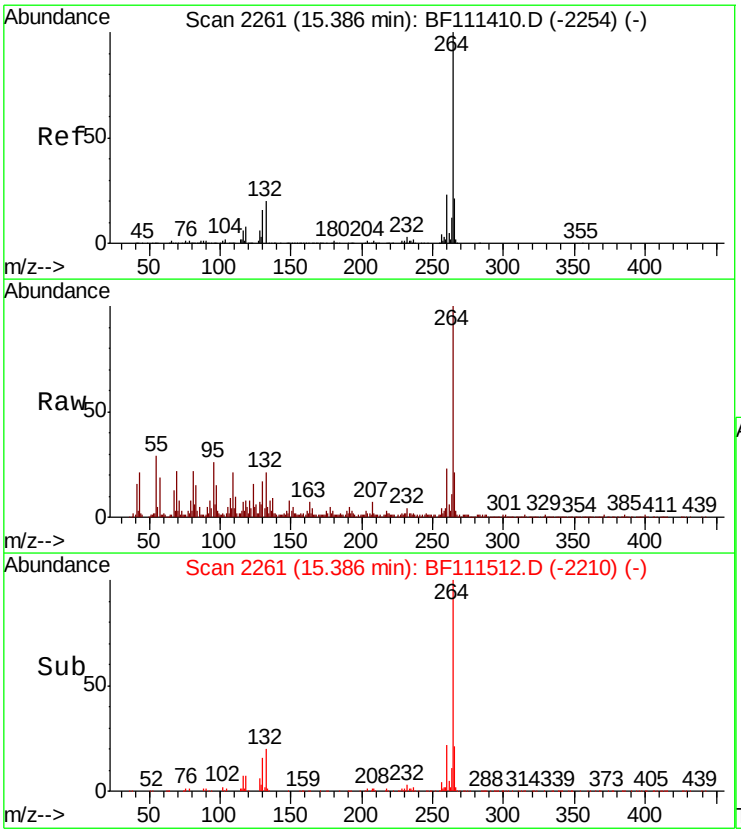
#79
Terphenyl-d14
Concen: 49.195 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01

Tgt Ion:244 Resp: 764288

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	11.2	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111512.D
Acq: 16 Dec 2018 16:57

Tgt Ion:264 Resp: 307399

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.1	17.7	26.5