Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111521.D
Acq On : 16 Dec 2018 21:16
Operator : JU/SJ
Sample : J6391-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0006-01

Quant Time: Dec 17 07:48:10 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	132492	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	518438	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	213197	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	297379	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	273061	20.00	ng	-0.01
87) Perylene-d12	15.38	264	201415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	830631	104.32	ng	0.00
7) Phenol-d6	6.43	99	1036620	97.88	ng	0.00
23) Nitrobenzene-d5	7.35	82	635110	72.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	148544	77.78	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1037241	75.15	ng	-0.01
79) Terphenyl-d14	12.89	244	634006	54.52	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	30057	4.679	ng	97
10) Phenol	6.45	94	49713	4.214	ng	97
50) Dimethylphthalate	9.54	163	46975	3.059	ng	99

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

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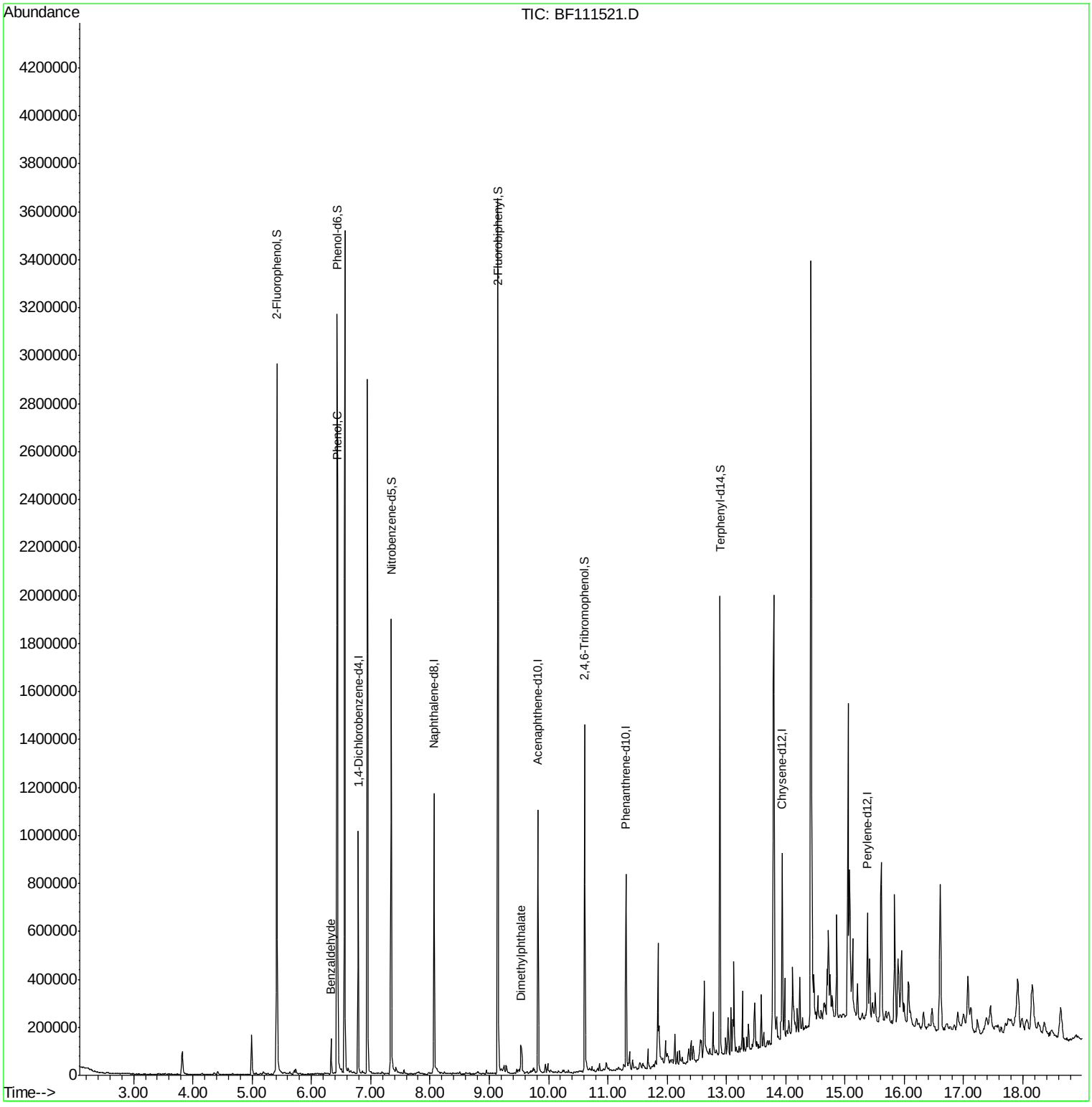
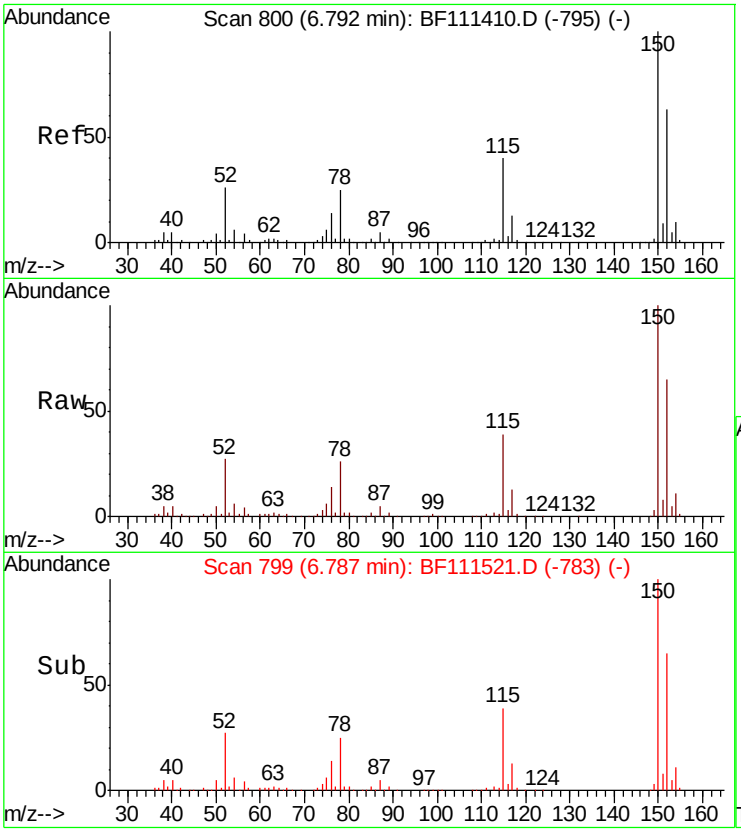


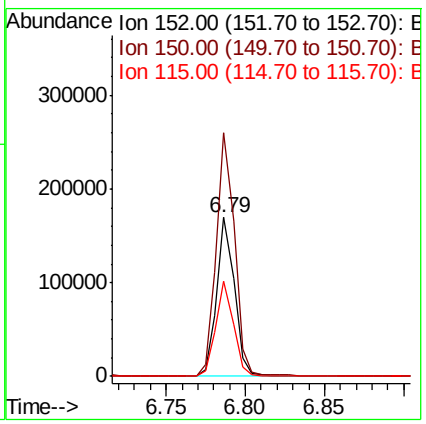


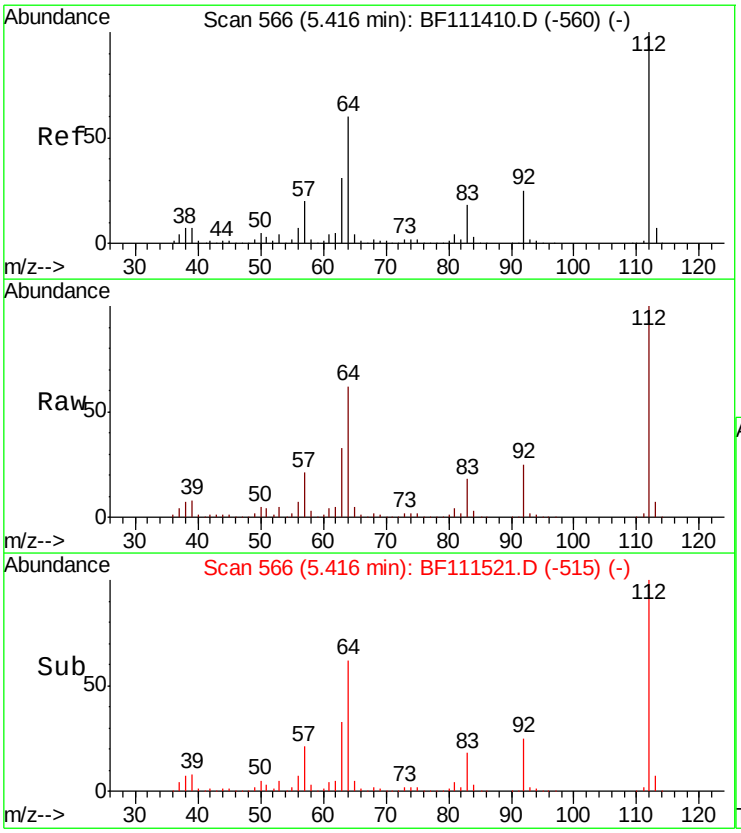
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01

Tgt Ion:152 Resp: 132492

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.6	189.8
115	60.0	50.7	76.1

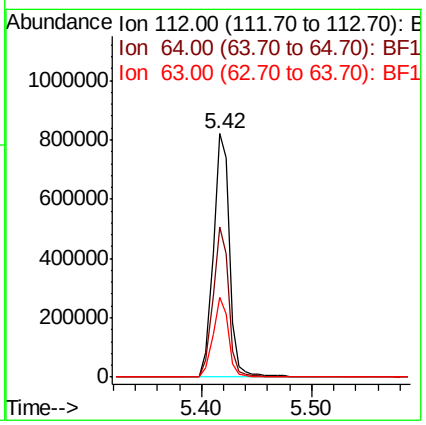


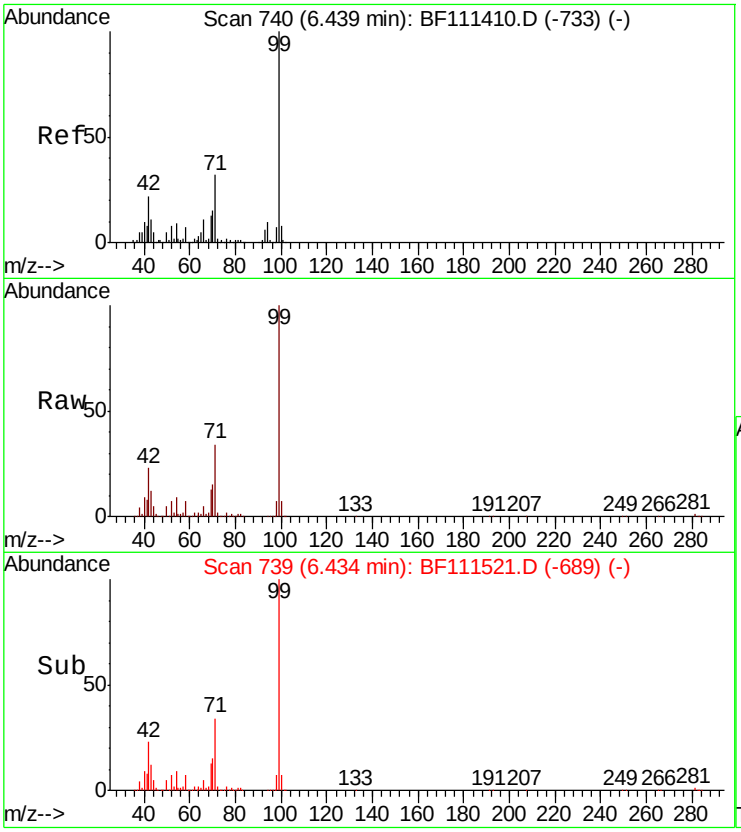


#5
2-Fluorophenol
Concen: 104.325 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Tgt Ion:112 Resp: 830631

Ion	Ratio	Lower	Upper
112	100		
64	61.9	51.8	77.6
63	32.6	26.8	40.2



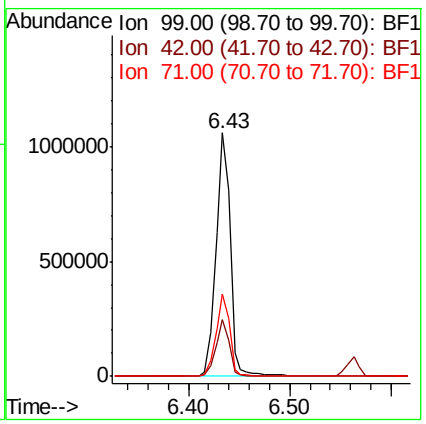


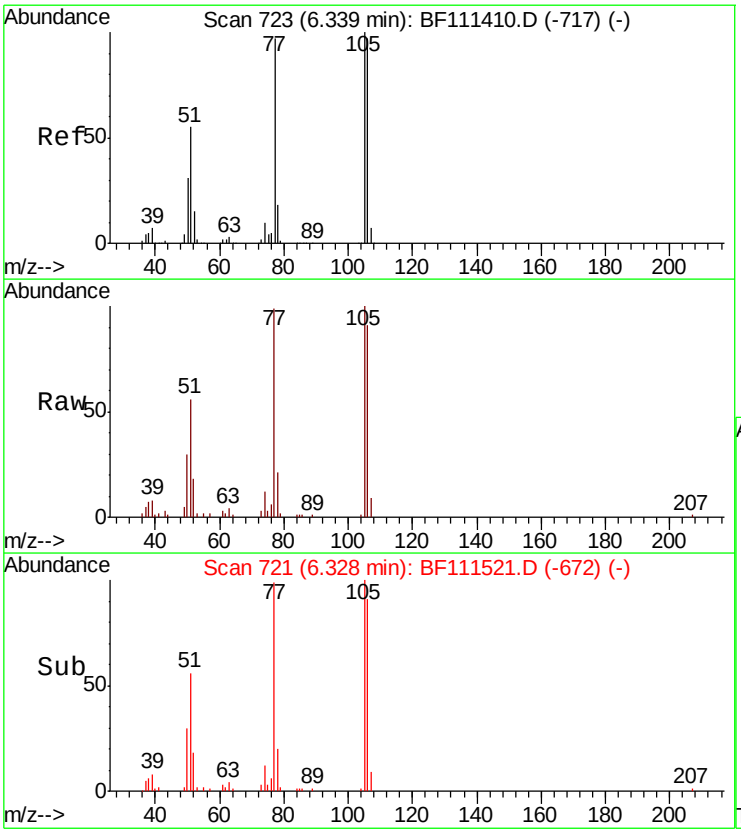
#7
Phenol-d6
Concen: 97.879 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01

Tgt Ion: 99 Resp: 1036620

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.4	26.0
71	34.0	26.1	39.1

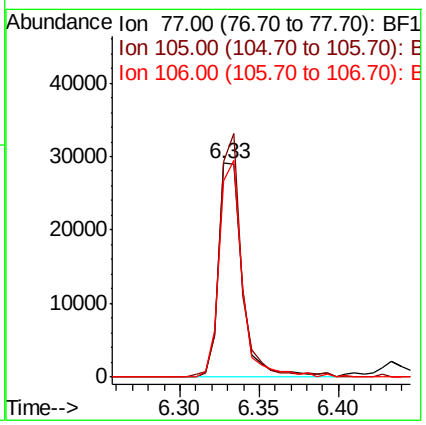


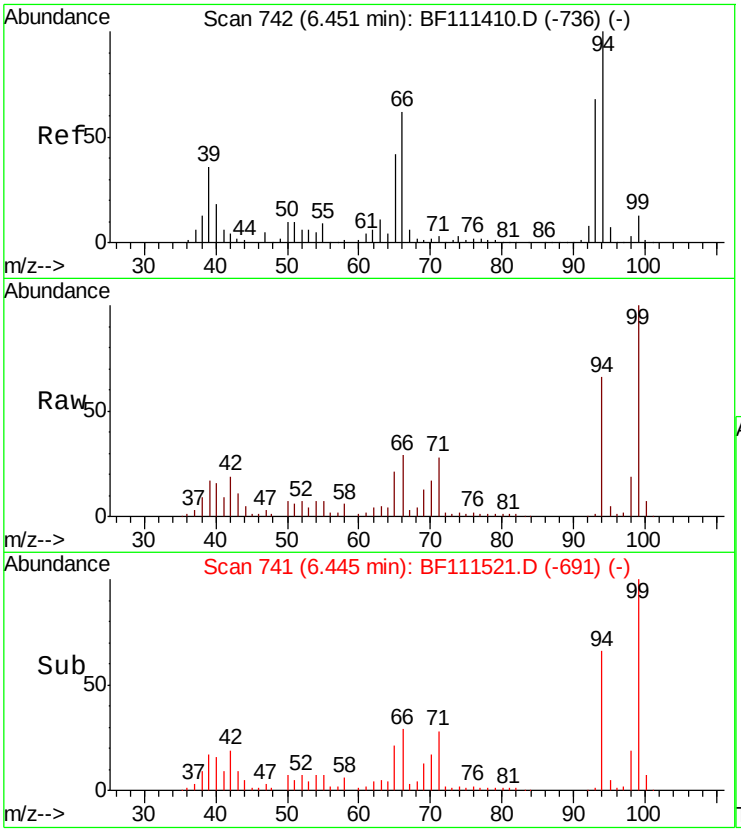


#9
Benzaldehyde
Concen: 4.679 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Tgt Ion: 77 Resp: 30057

Ion	Ratio	Lower	Upper
77	100		
105	100.7	81.4	121.4
106	91.7	77.9	117.9



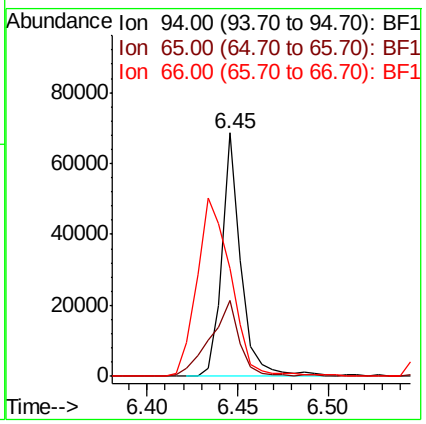


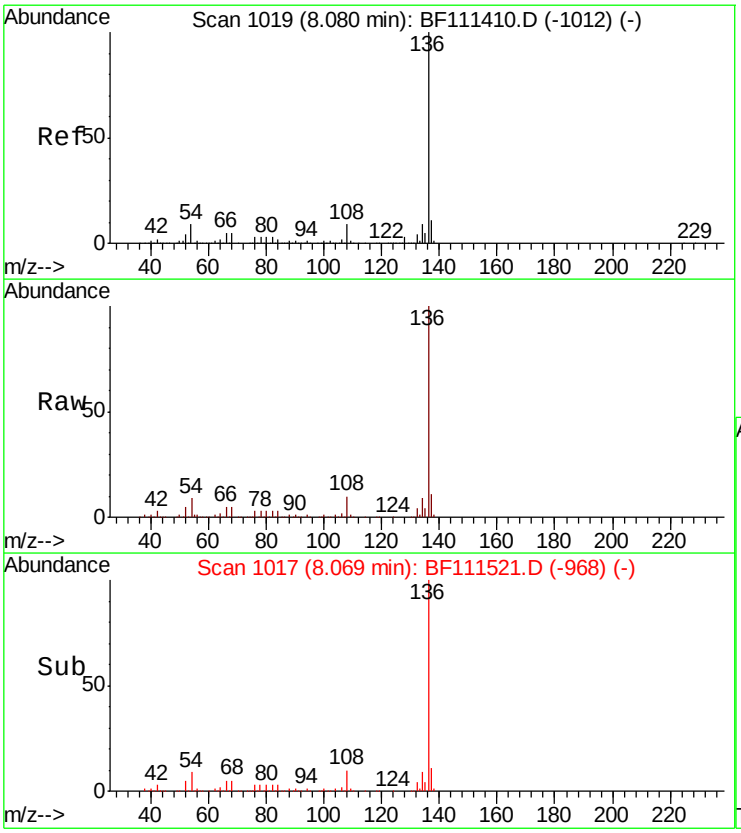
#10
Phenol
Concen: 4.214 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01

Tgt Ion: 94 Resp: 49713

Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.7	51.7
66	44.2	21.0	61.0

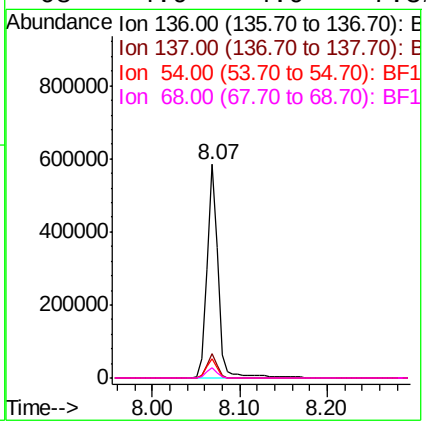


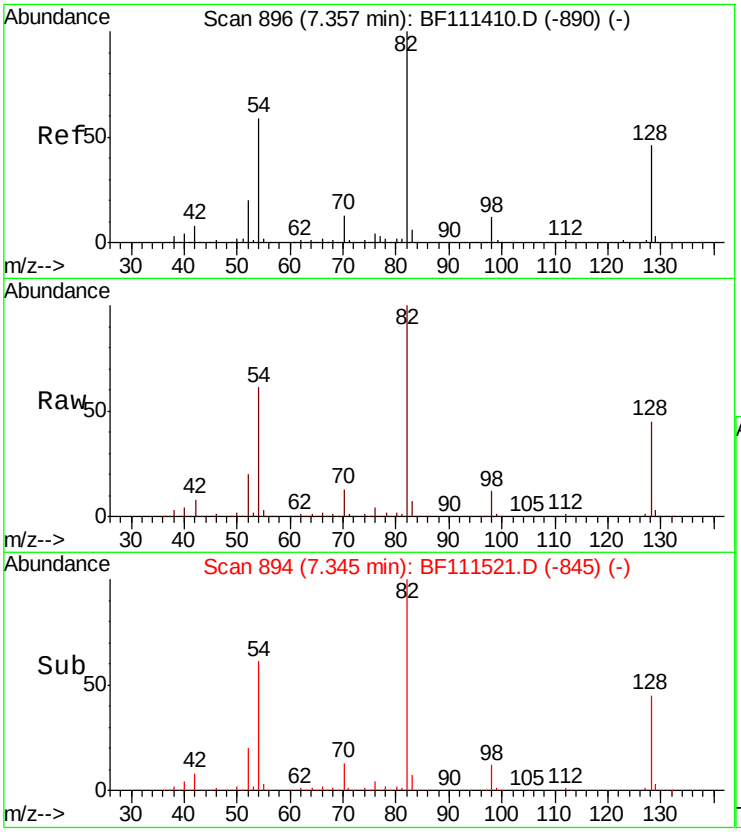


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Tgt Ion:136 Resp: 518438

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.9	7.7	11.5
68	4.9	4.9	7.3#



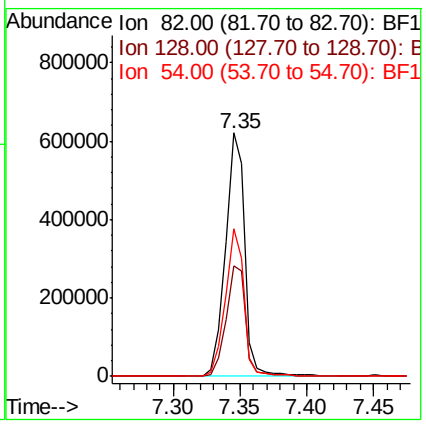


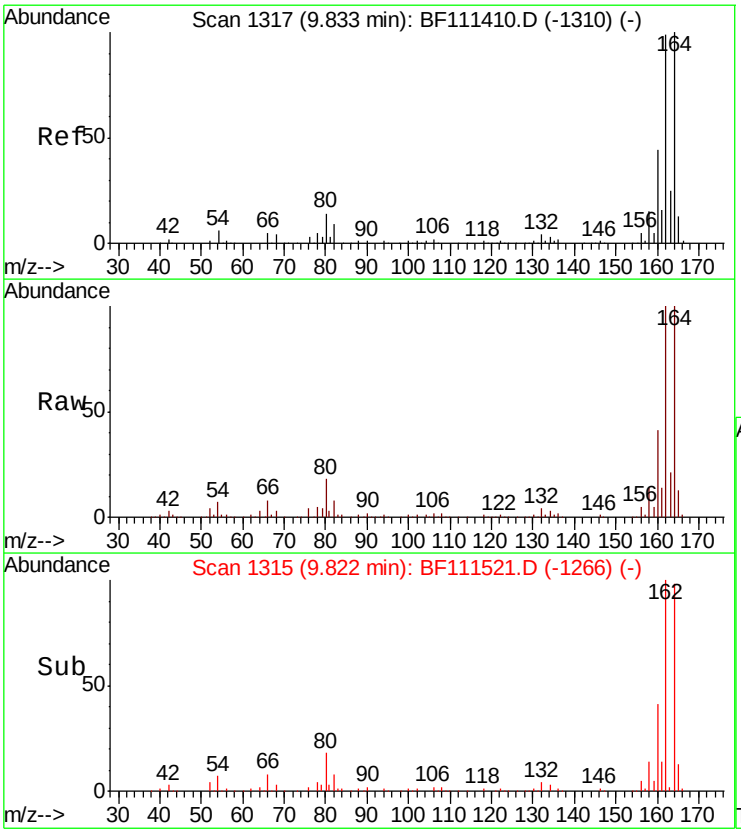
#23
Nitrobenzene-d5
Concen: 72.950 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01

Tgt Ion: 82 Resp: 635110

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.4	56.2
54	60.7	47.6	71.4

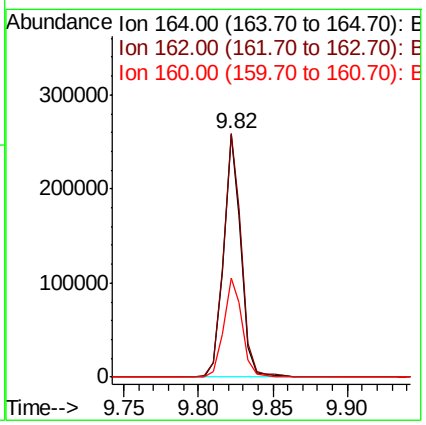


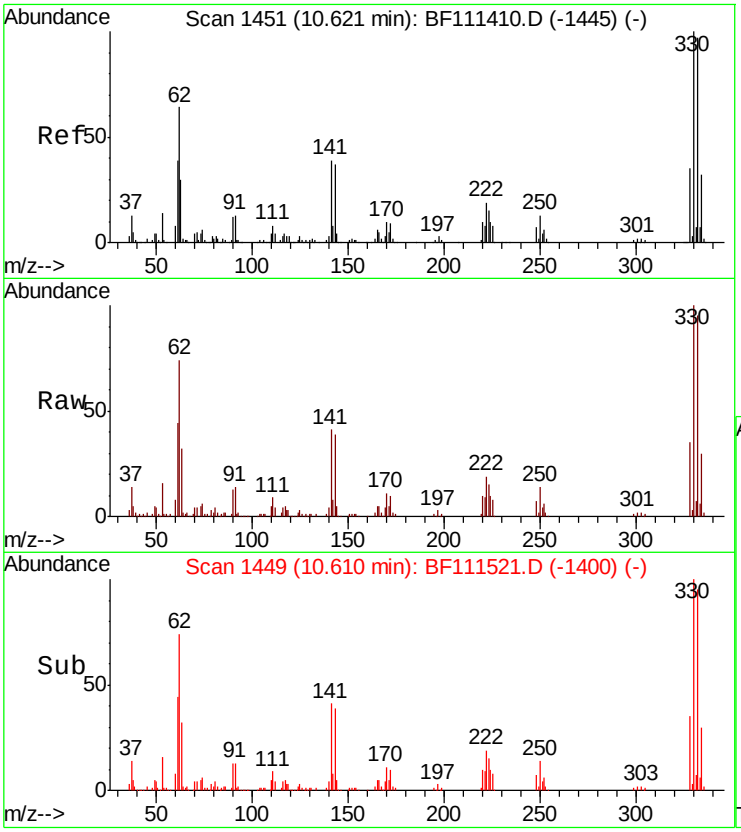


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Tgt Ion:164 Resp: 213197

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.4	122.0
160	40.9	35.7	53.5



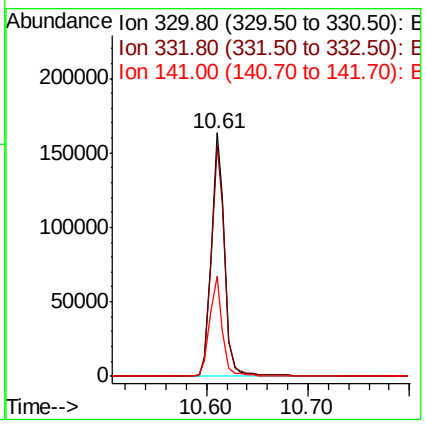


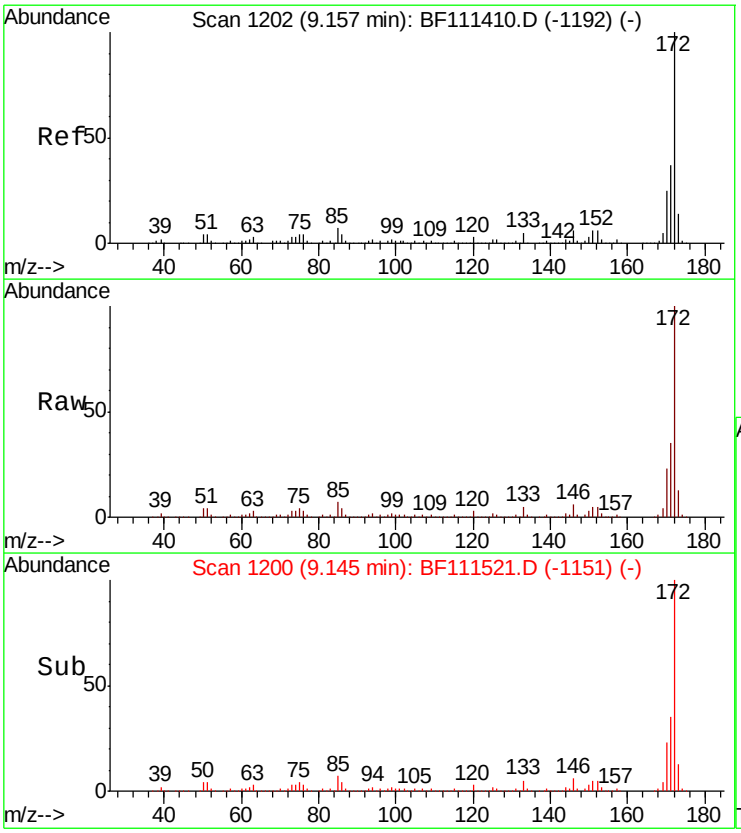
#42
2,4,6-Tribromophenol
Concen: 77.780 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01

Tgt Ion:330 Resp: 148544

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	38.9	31.0	46.6

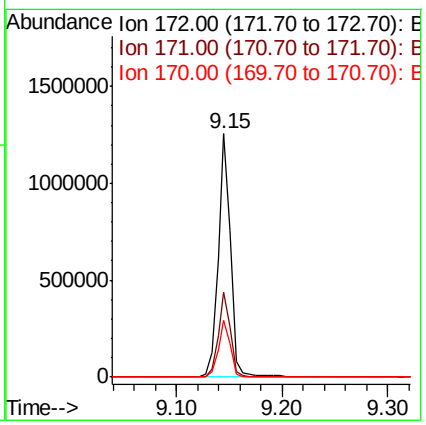


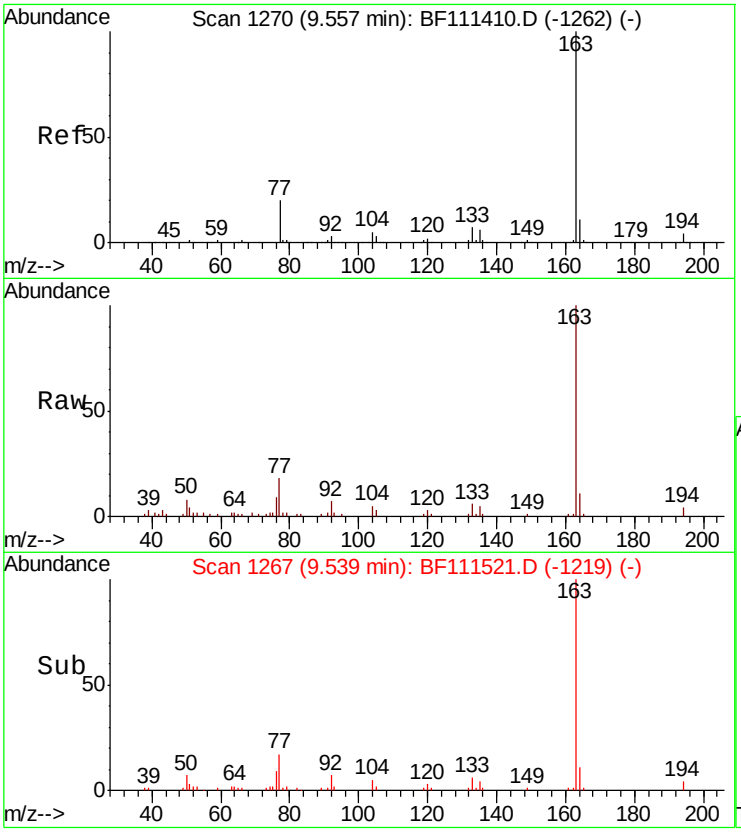


#45
2-Fluorobiphenyl
Concen: 75.149 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Tgt Ion:172 Resp: 1037241

Ion	Ratio	Lower	Upper
172	100		
171	35.1	33.0	49.4
170	23.2	22.3	33.5



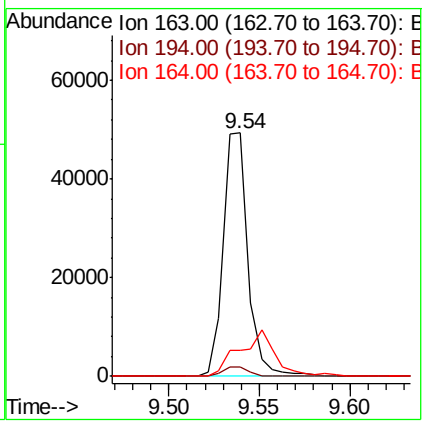


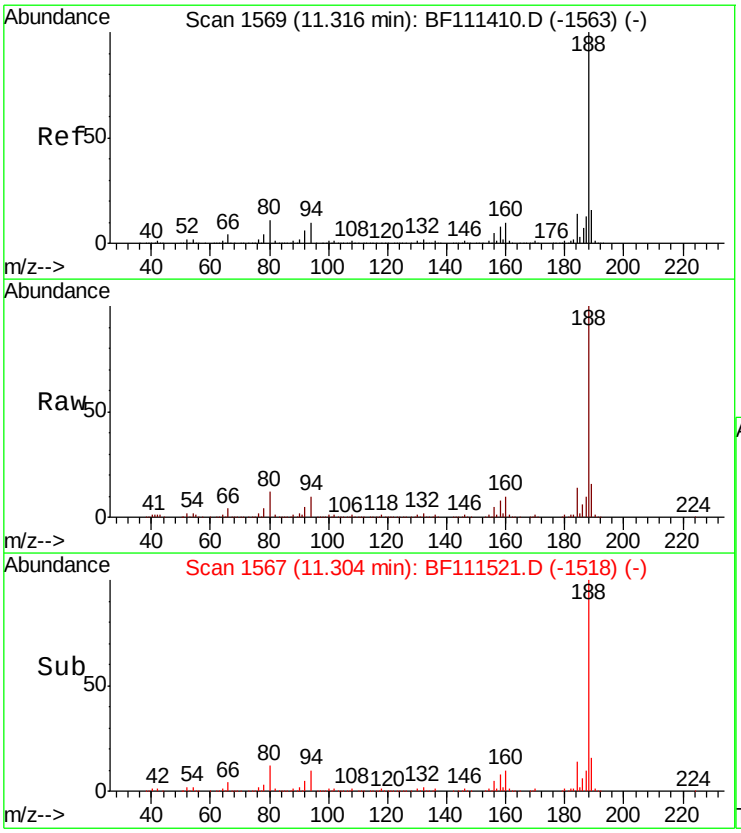
#50
Dimethylphthalate
Concen: 3.059 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01

Tgt Ion:163 Resp: 46975

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.7	8.9	13.3

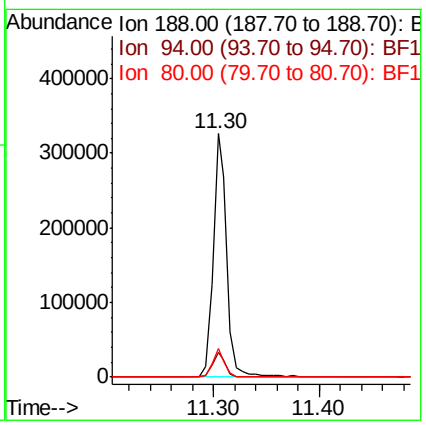


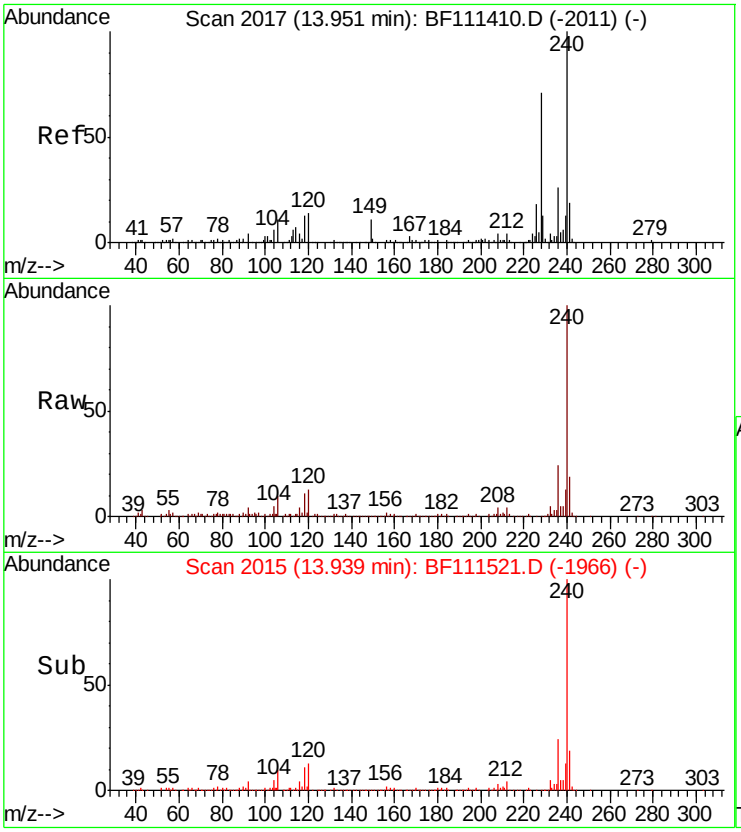


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Tgt Ion:188 Resp: 297379

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.6	14.4
80	11.7	9.8	14.6



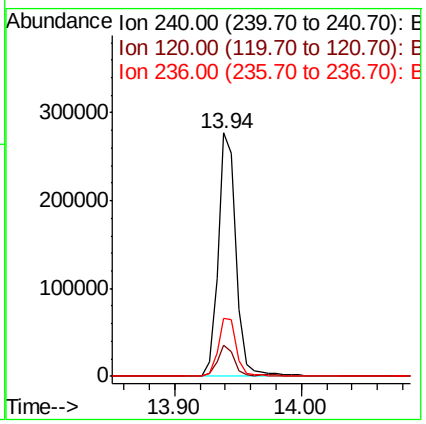


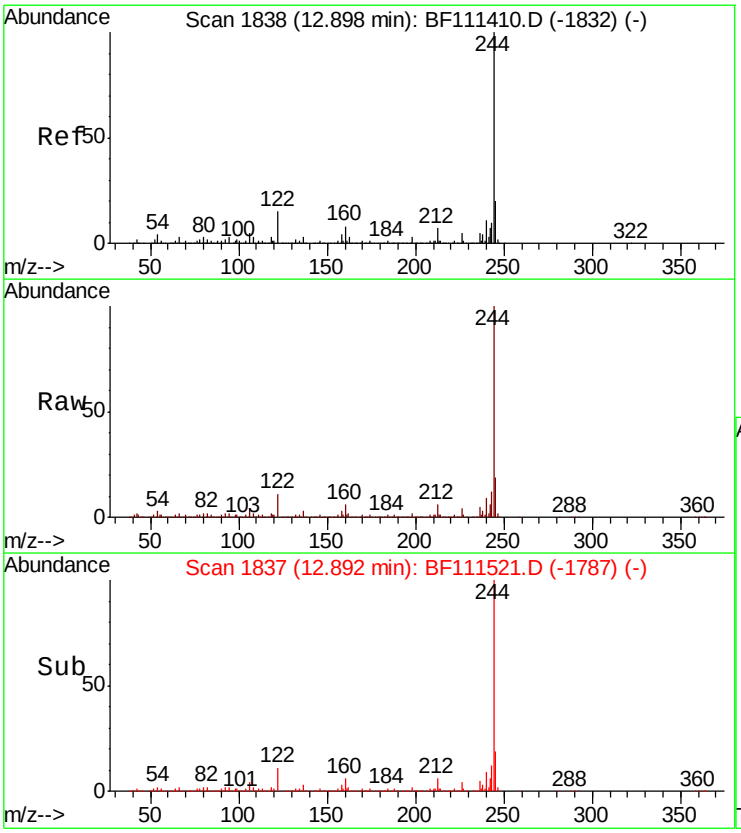
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01

Tgt Ion:240 Resp: 273061

Ion	Ratio	Lower	Upper
240	100		
120	12.6	12.2	18.2
236	23.7	20.2	30.2

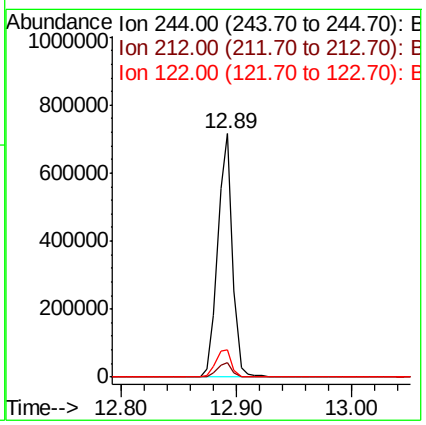


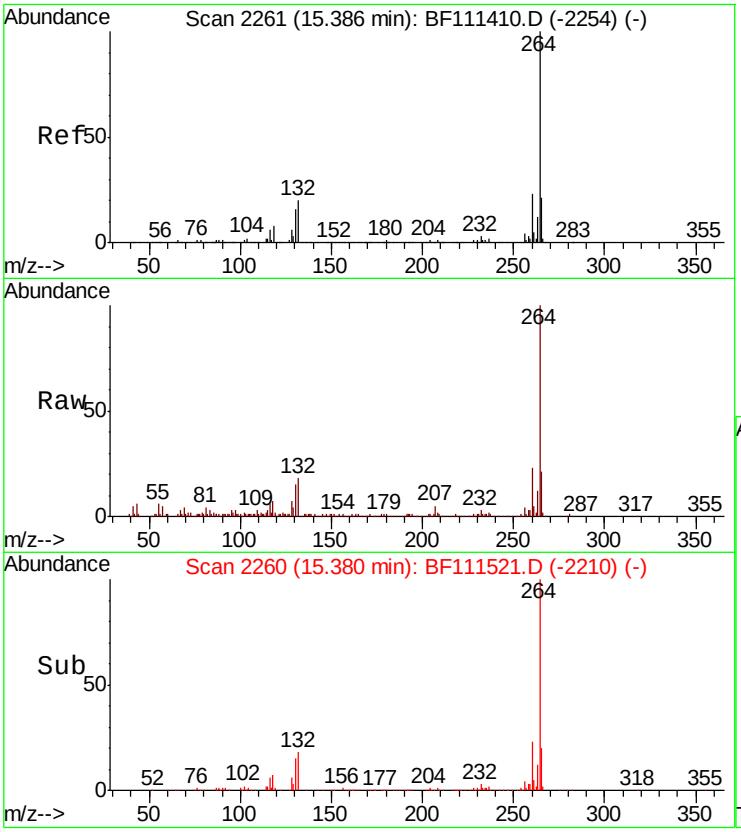


#79
Terphenyl-d14
Concen: 54.522 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Tgt Ion:244 Resp: 634006

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.7	8.5
122	11.0	13.1	19.7#

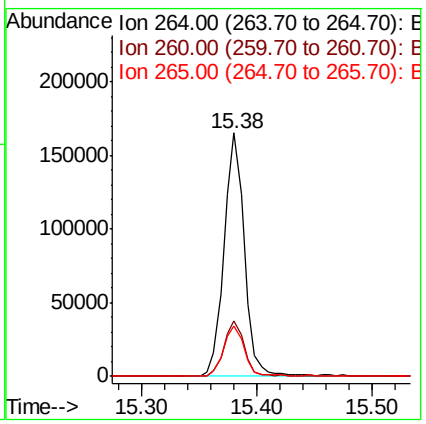




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Tgt Ion:264 Resp: 201415

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	20.7	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01