Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113035.D
Acq On : 13 Mar 2019 18:27
Operator : JU/SJ
Sample : K1863-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MCH-CAULK

Quant Time: Mar 14 02:13:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	149540	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	561803	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	289752	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	597479	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	495893	20.00	ng	0.00
87) Perylene-d12	15.27	264	547866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	985005	102.46	ng	0.00
7) Phenol-d6	6.37	99	1168442	96.76	ng	0.00
23) Nitrobenzene-d5	7.29	82	860765	91.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	411067	133.63	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1579444	92.45	ng	0.00
79) Terphenyl-d14	12.82	244	1891178	73.93	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.03	128	60709	2.177	ng	99

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

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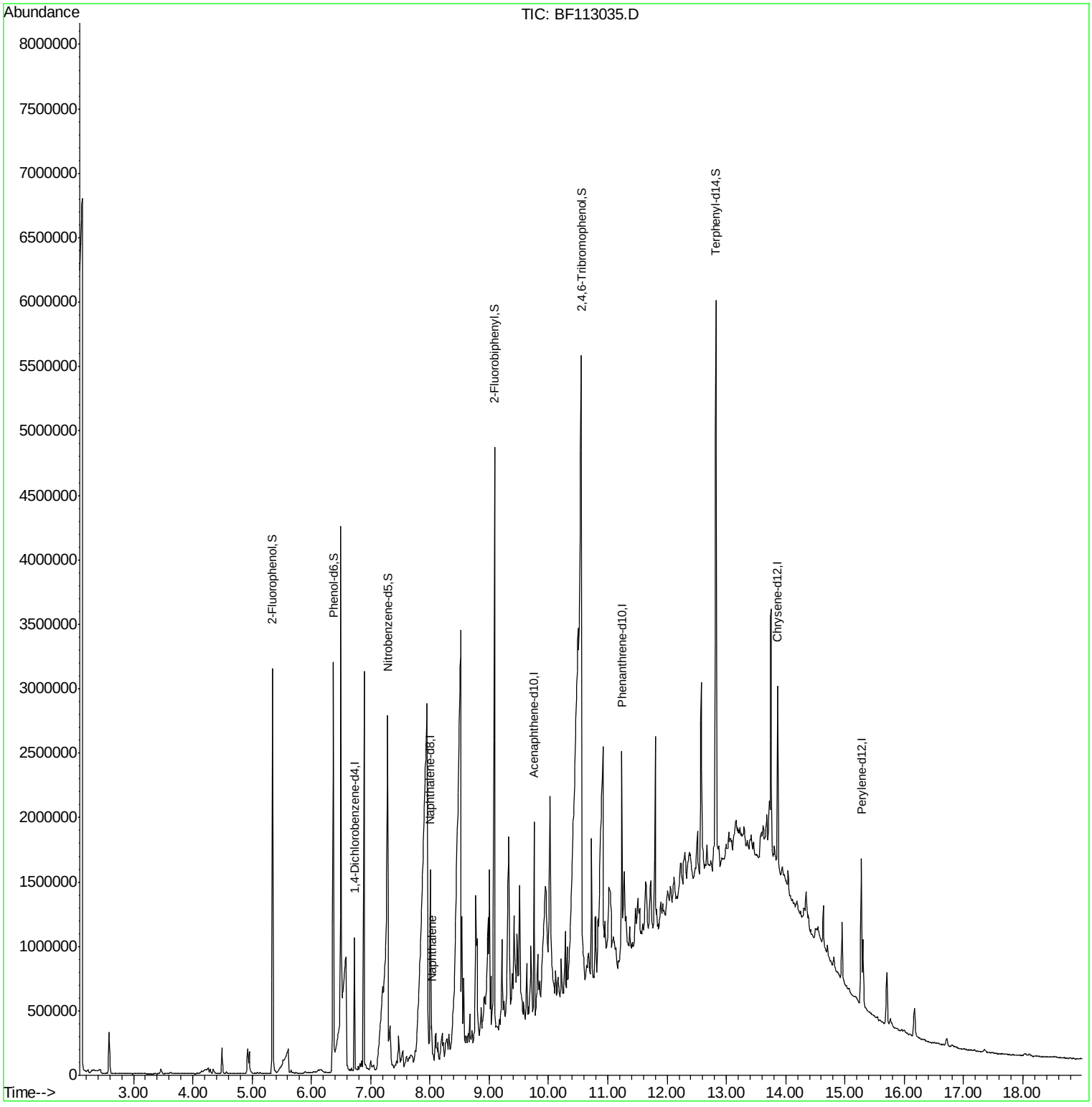
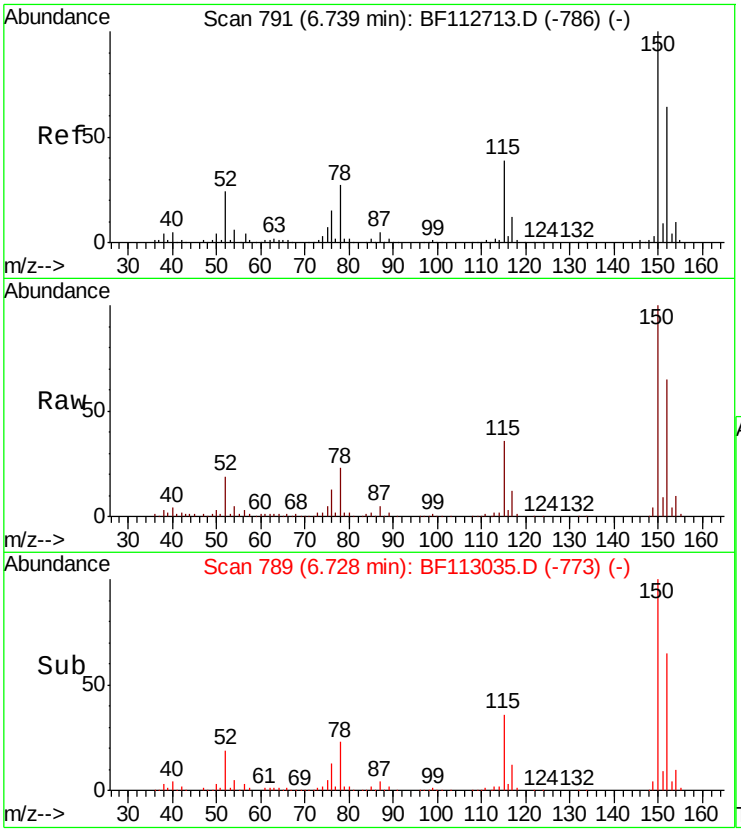


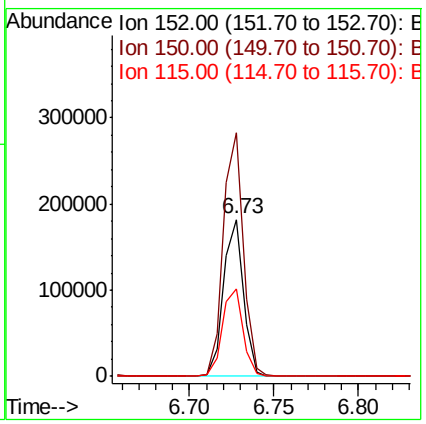


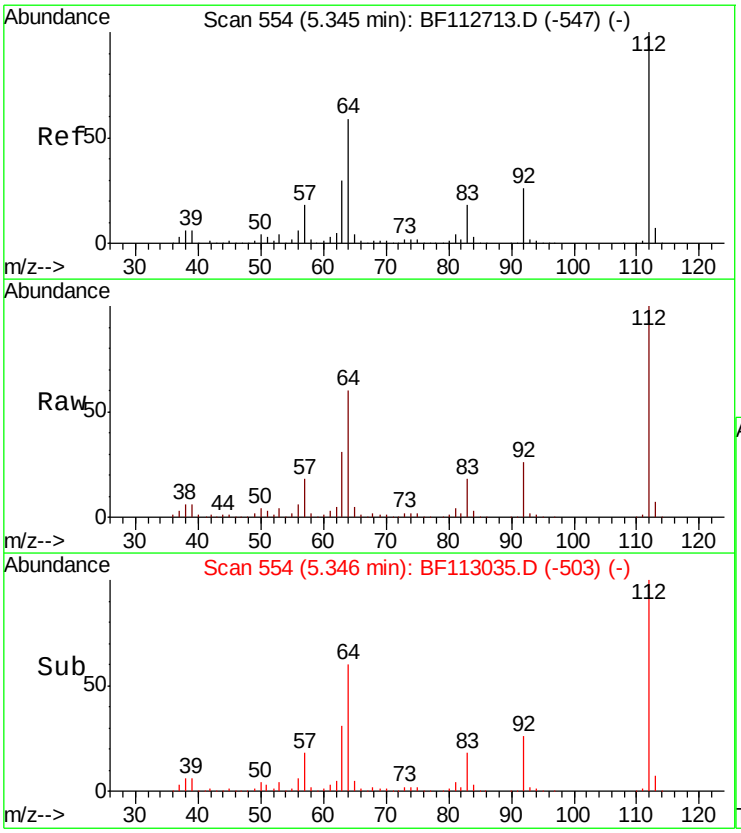
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MCH-CAULK

Tgt Ion:152 Resp: 149540

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.2
115	55.8	48.2	72.4

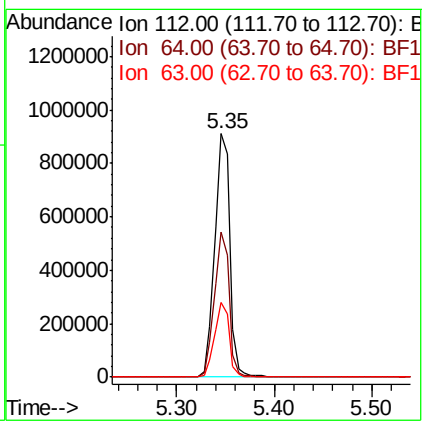


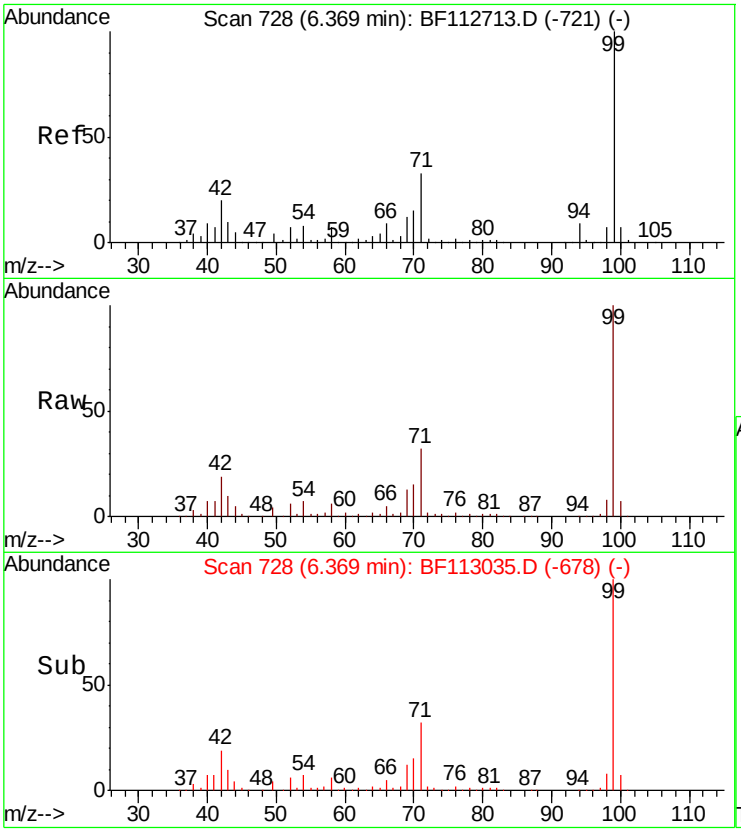


#5
2-Fluorophenol
Concen: 102.462 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Tgt Ion:112 Resp: 985005

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.6	71.4
63	30.7	24.4	36.6



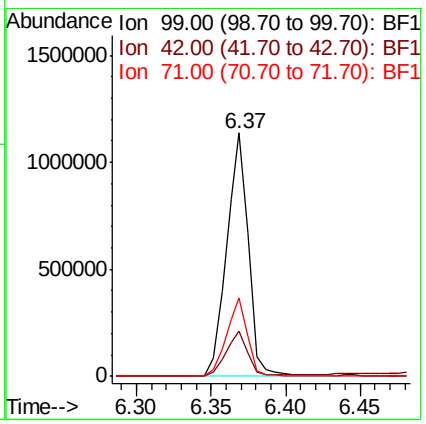


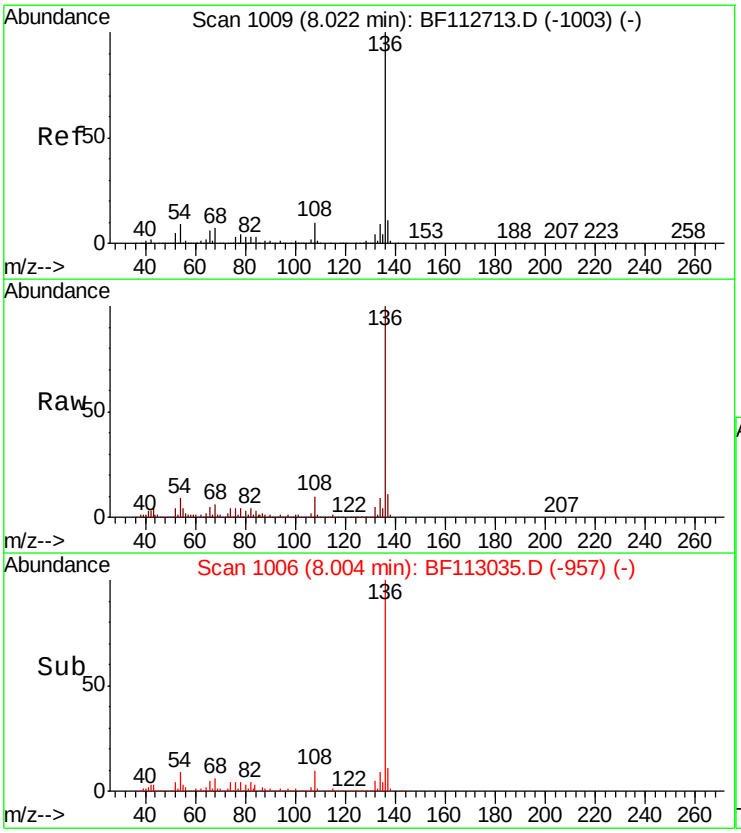
#7
Phenol-d6
Concen: 96.758 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MCH-CAULK

Tgt Ion: 99 Resp: 1168442

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	32.1	26.2	39.4

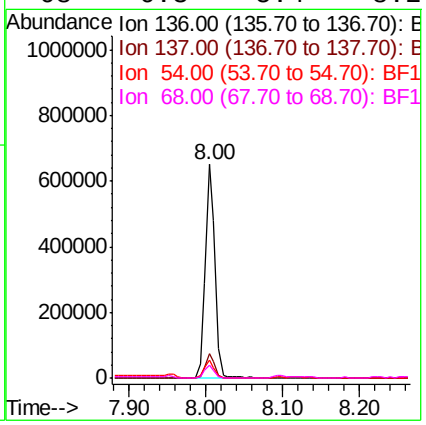


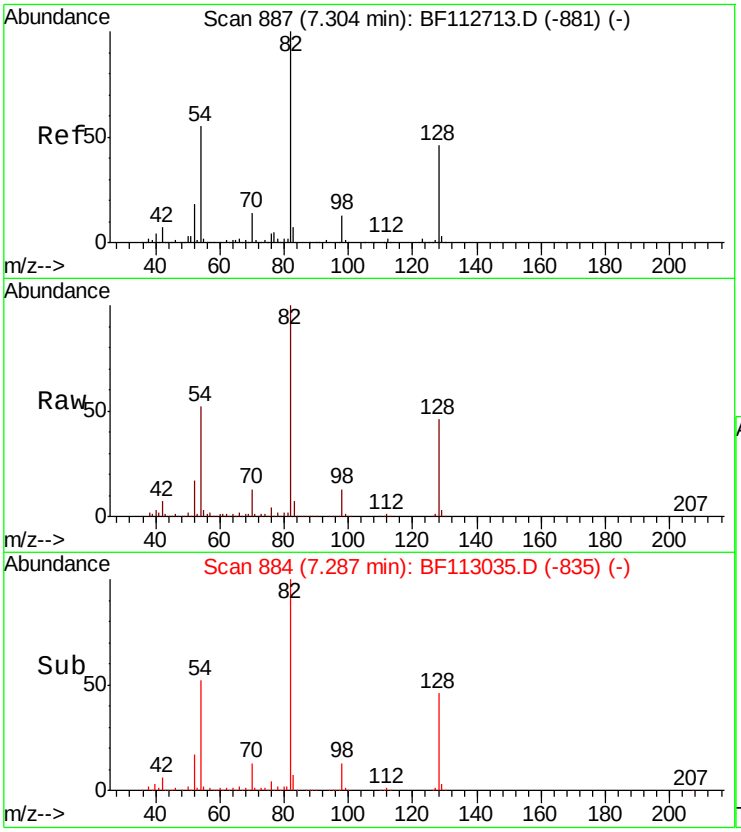


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Tgt Ion:136 Resp: 561803

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	7.3	10.9
68	6.3	5.4	8.2



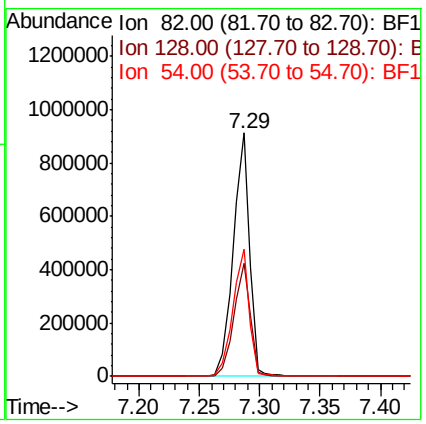


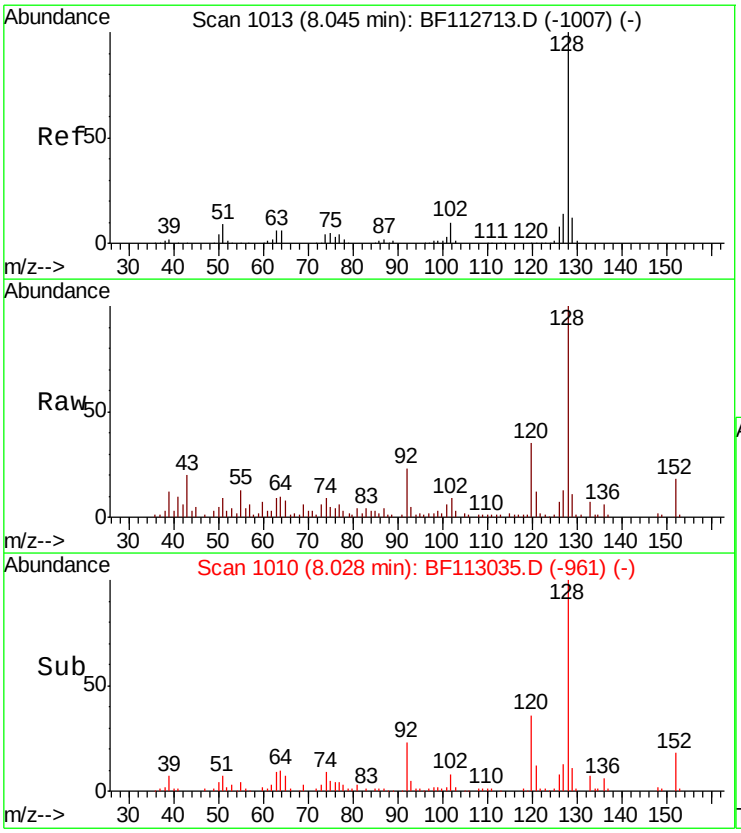
#23
Nitrobenzene-d5
Concen: 91.681 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MCH-CAULK

Tgt Ion: 82 Resp: 860765

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	52.3	43.7	65.5

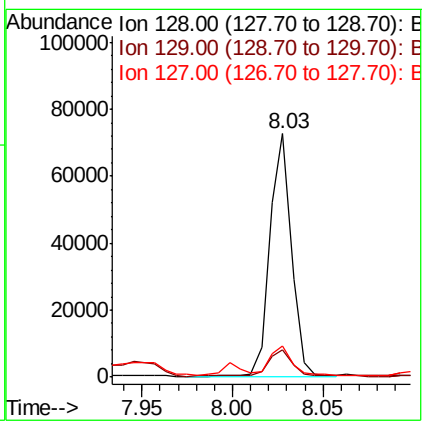


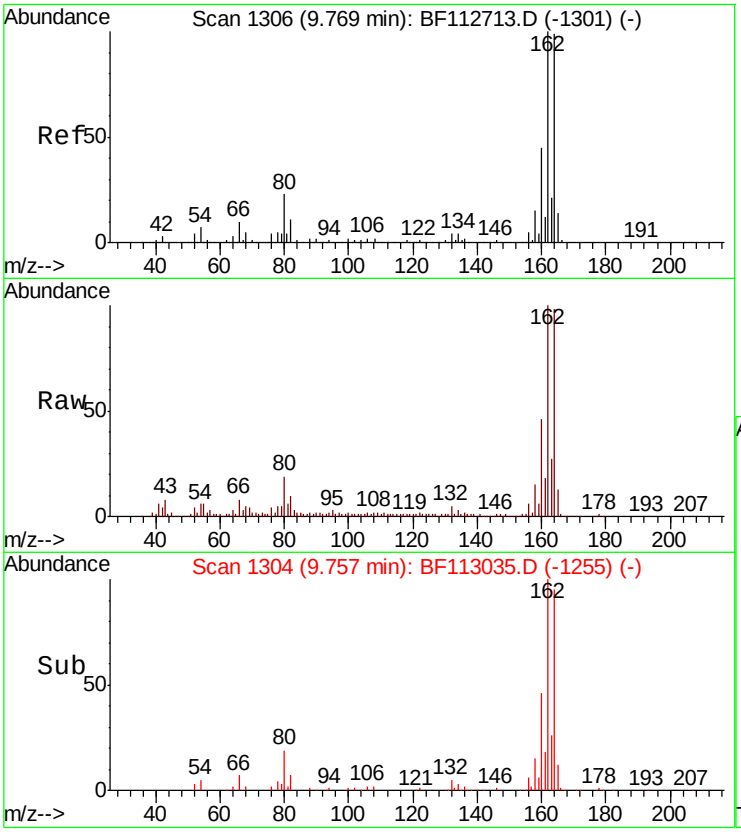


#31
Naphthalene
Concen: 2.177 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Tgt Ion:128 Resp: 60709

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	13.0	10.9	16.3



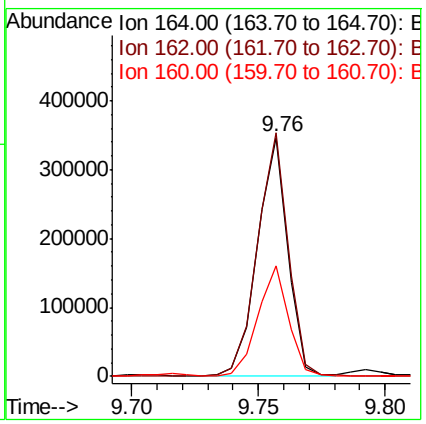


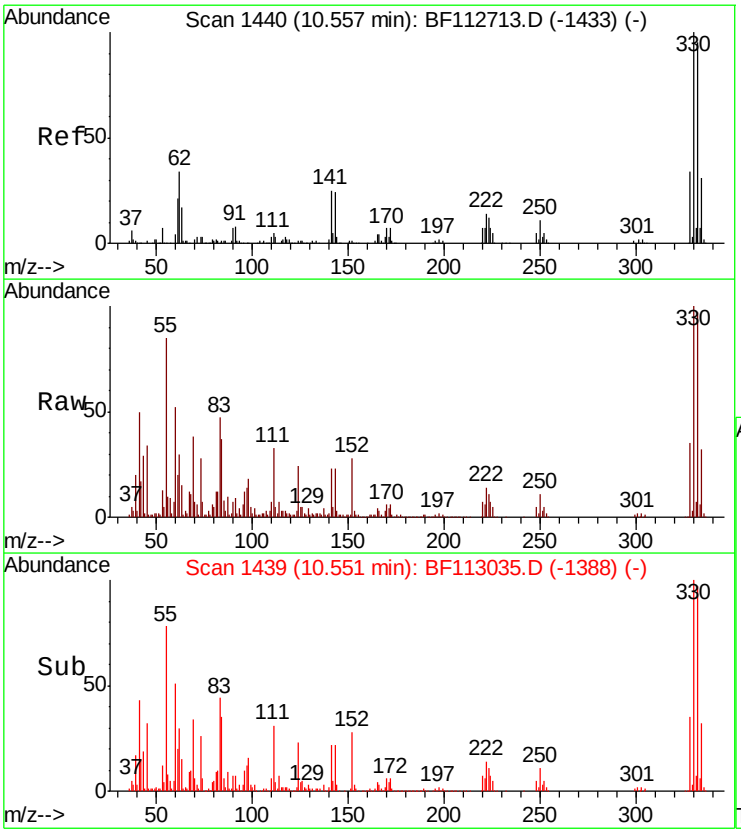
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MCH-CAULK

Tgt Ion:164 Resp: 289752

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	46.4	36.0	54.0

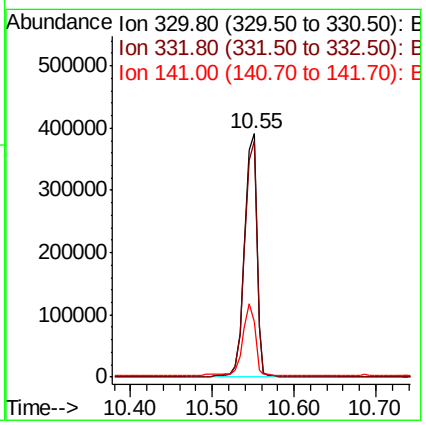


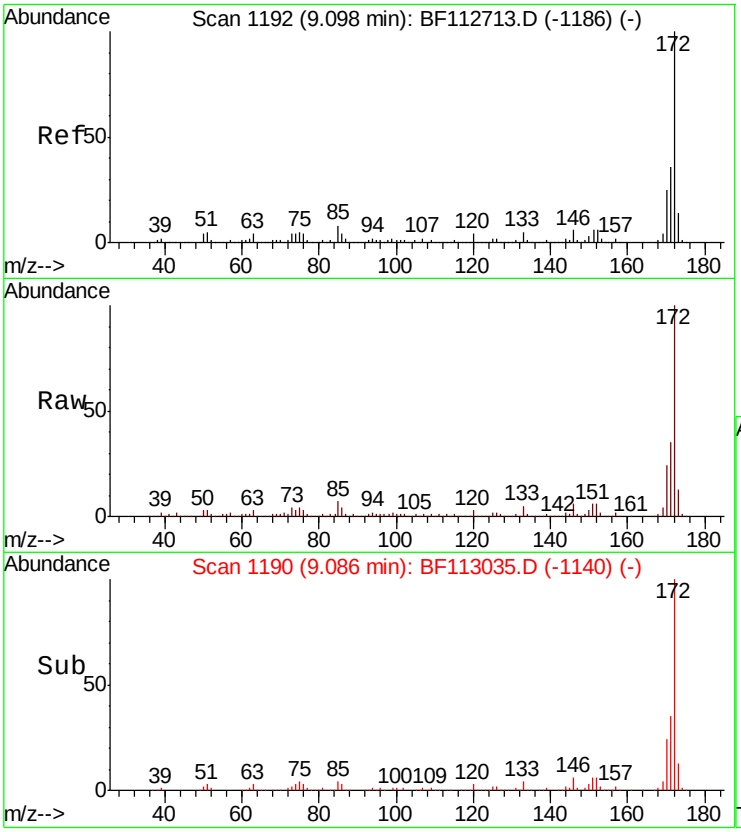


#42
2,4,6-Tribromophenol
Concen: 133.633 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Tgt Ion:330 Resp: 411067

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	28.2	27.0	40.6



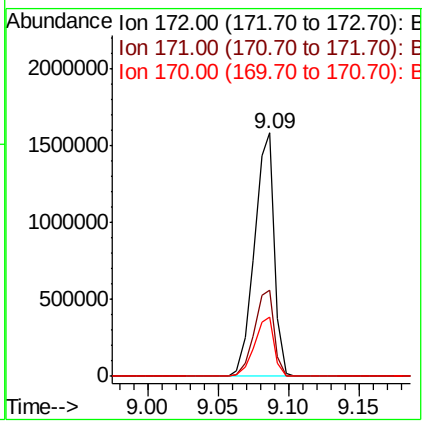


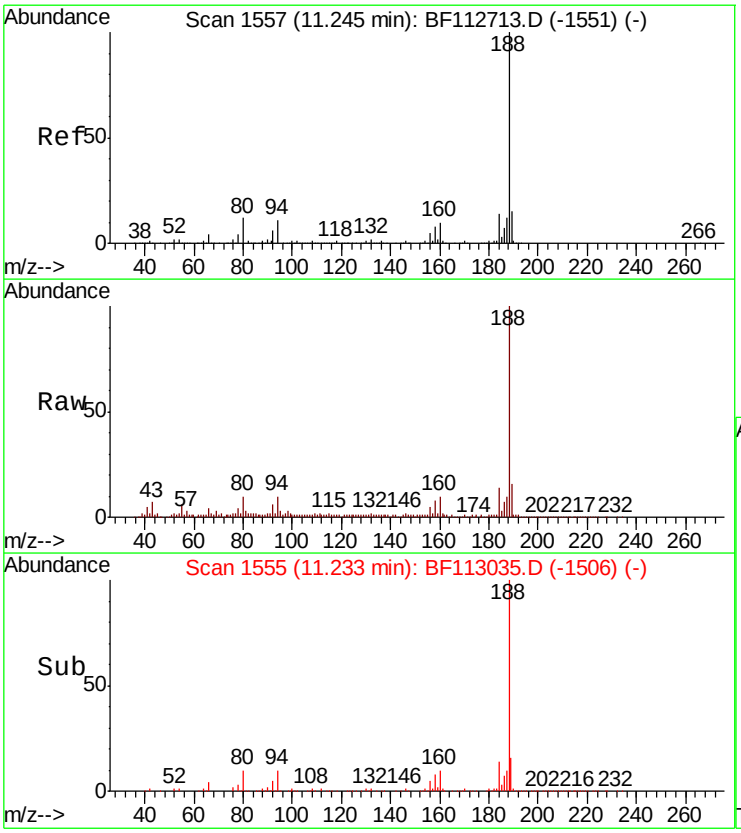
#45
2-Fluorobiphenyl
Concen: 92.450 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MCH-CAULK

Tgt Ion:172 Resp: 1579444

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.4	20.0	30.0

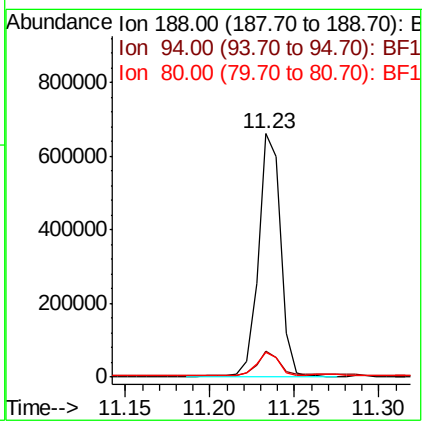


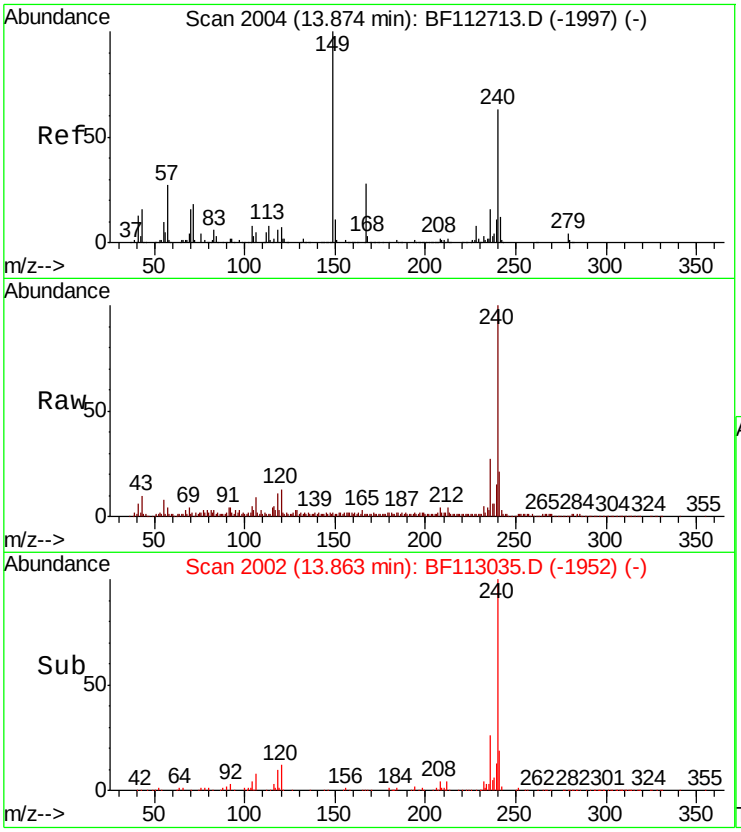


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Tgt Ion:188 Resp: 597479

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.4
80	10.4	9.2	13.8



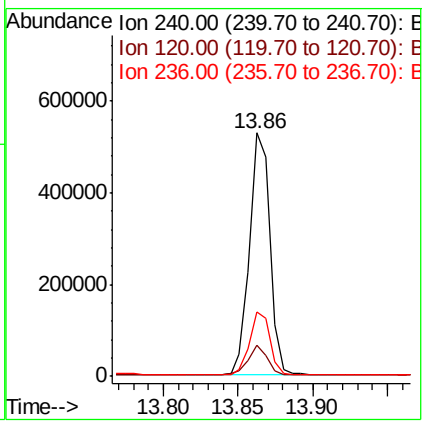


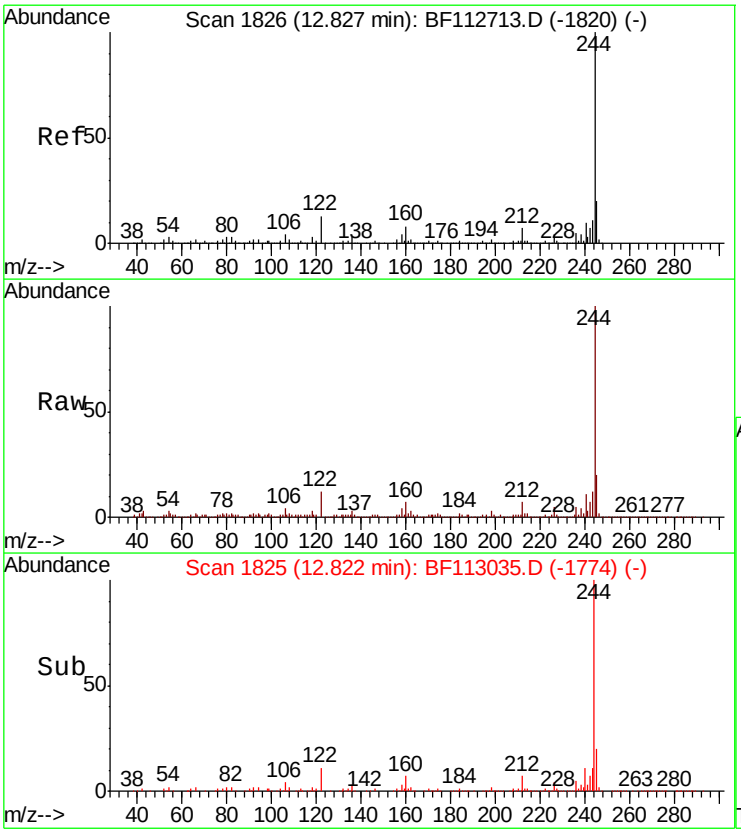
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MCH-CAULK

Tgt Ion:240 Resp: 495893

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.9	13.3
236	26.6	20.7	31.1

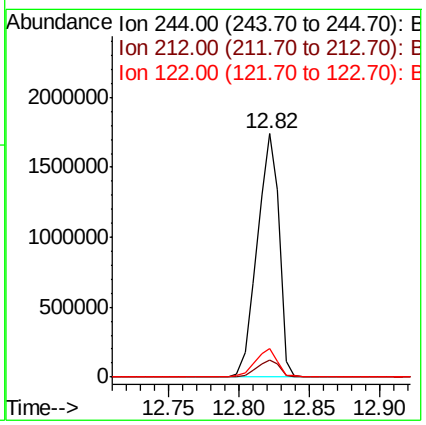


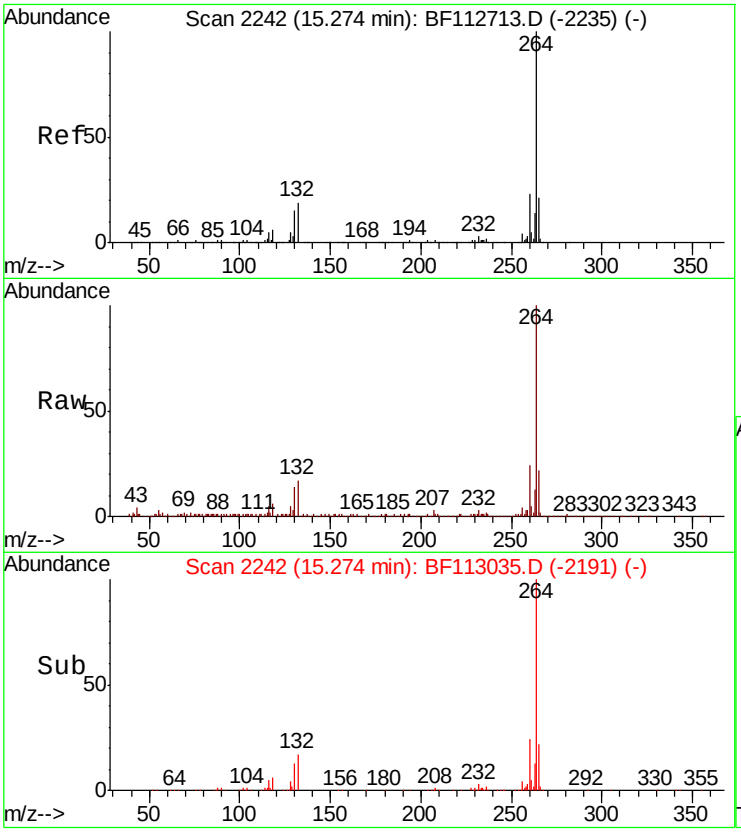


#79
Terphenyl-d14
Concen: 73.928 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Tgt Ion:244 Resp: 1891178

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.8	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF113035.D
Acq: 13 Mar 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MCH-CAULK

Tgt Ion:264 Resp: 547866

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.1	17.2	25.8