Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
Data File : BF117279.D
Acq On : 1 Oct 2019 16:20
Operator : JU
Sample : K5019-03DL2 150X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GWDL2

Quant Time: Oct 01 16:57:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	30238	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	136662	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	76133	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	134072	20.00	ng	0.00
76) Chrysene-d12	13.97	240	122319	20.00	ng	0.00
87) Perylene-d12	15.42	264	126504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	341	0.18	ng	0.05
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.39	82	708	0.27	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.16	172	2253	0.46	ng	-0.01
79) Terphenyl-d14	12.91	244	3400	0.52	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	125	Below Cal	#	1
27) 2,4-Dimethylphenol	7.76	122	5280	3.018	ng #	74
31) Naphthalene	8.11	128	395383	60.156	ng	99
32) Benzoic acid	7.89	122	3915	9.150	ng #	15
33) 4-Chloroaniline	8.11	127	51004	17.496	ng #	33
37) 2-Methylnaphthalene	8.80	142	9720	2.196	ng	94
38) 1-Methylnaphthalene	8.80	142	9720	2.345	ng	95
51) 2,6-Dinitrotoluene	9.84	165	9493	8.647	ng #	24
56) 4-Nitrophenol	10.05	139	1887	2.102	ng #	4
57) 2,4-Dinitrotoluene	9.84	165	9493	6.661	ng #	18

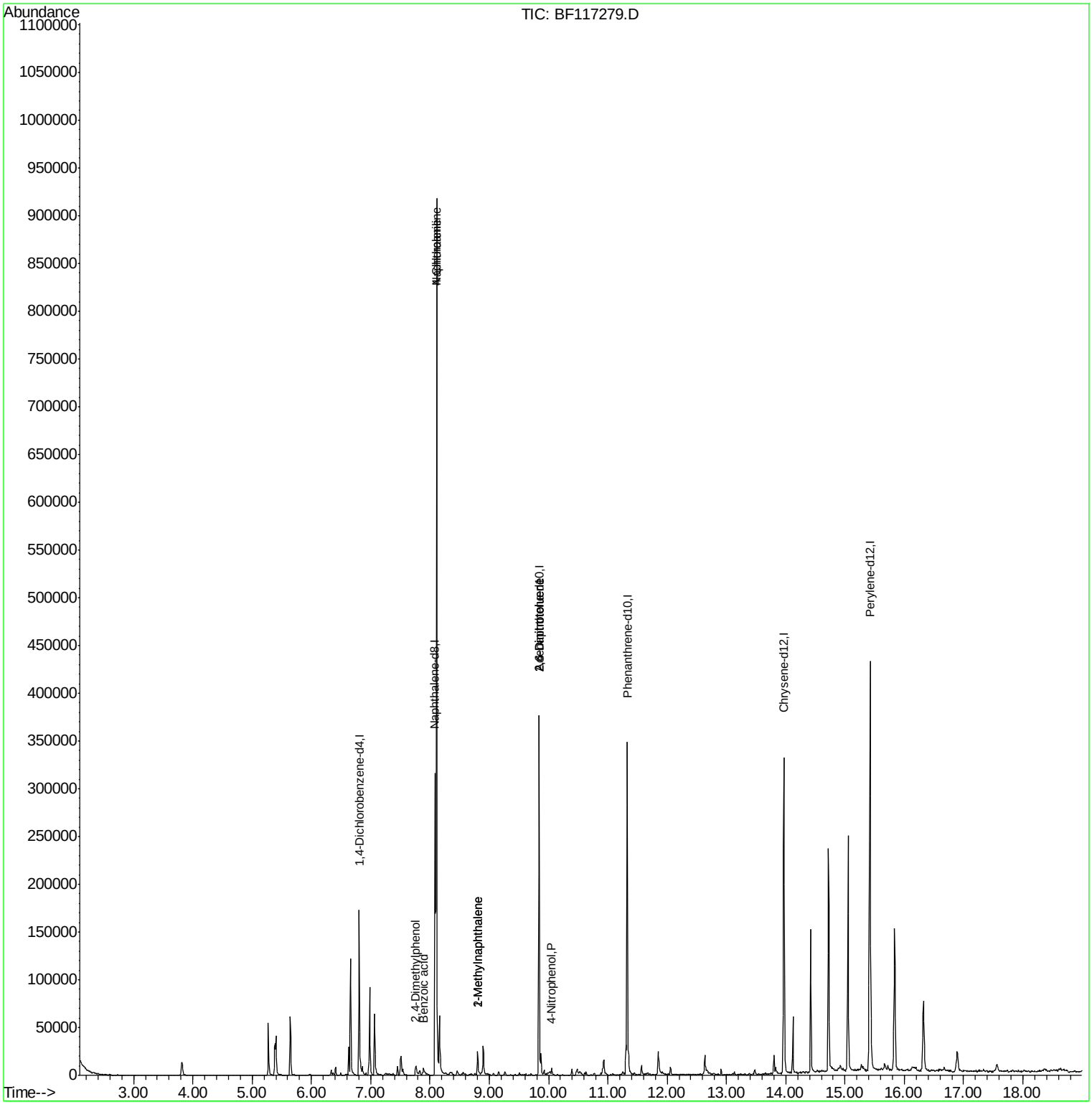
(#) = qualifier out of range (m) = manual integration (+) = signals summed

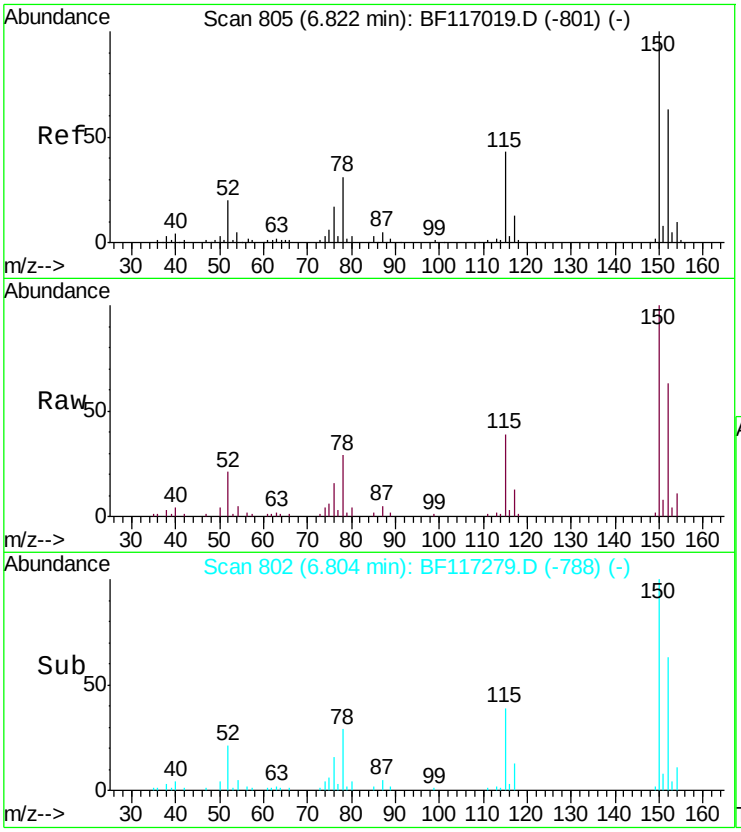
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
Data File : BF117279.D
Acq On : 1 Oct 2019 16:20
Operator : JU
Sample : K5019-03DL2 150X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Quant Time: Oct 01 16:57:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



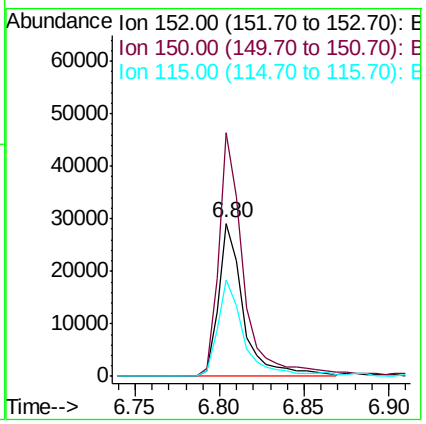


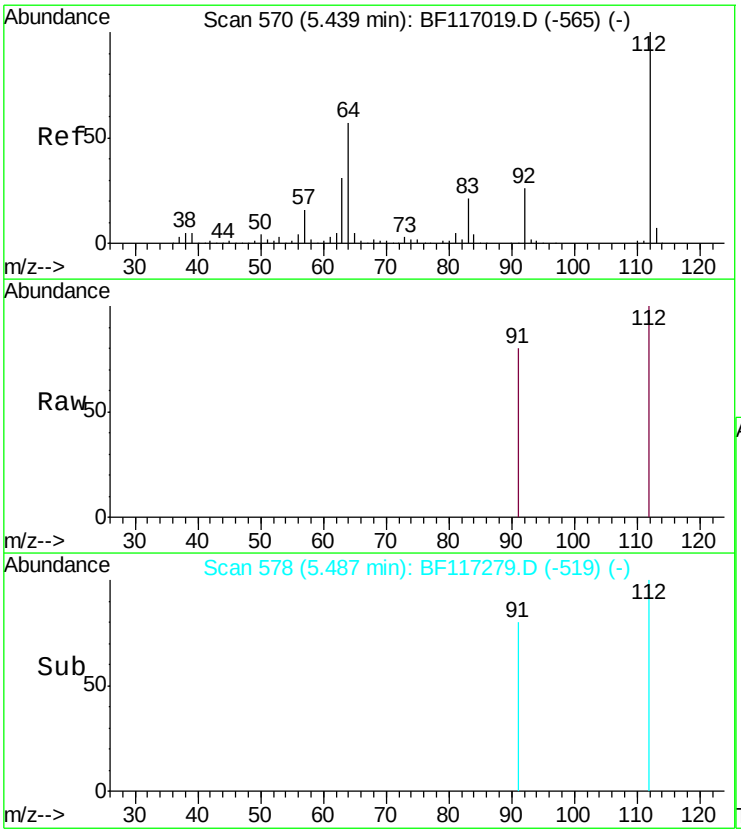
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:152 Resp: 30238

Ion	Ratio	Lower	Upper
152	100		
150	159.0	127.5	191.3
115	62.7	55.0	82.4

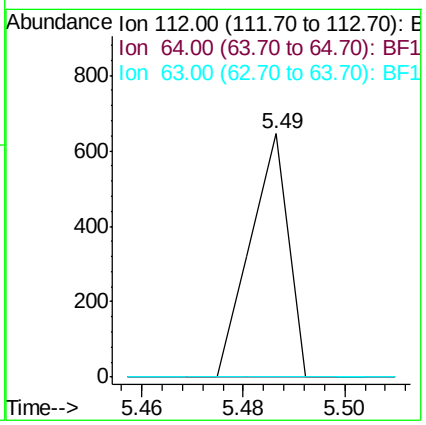


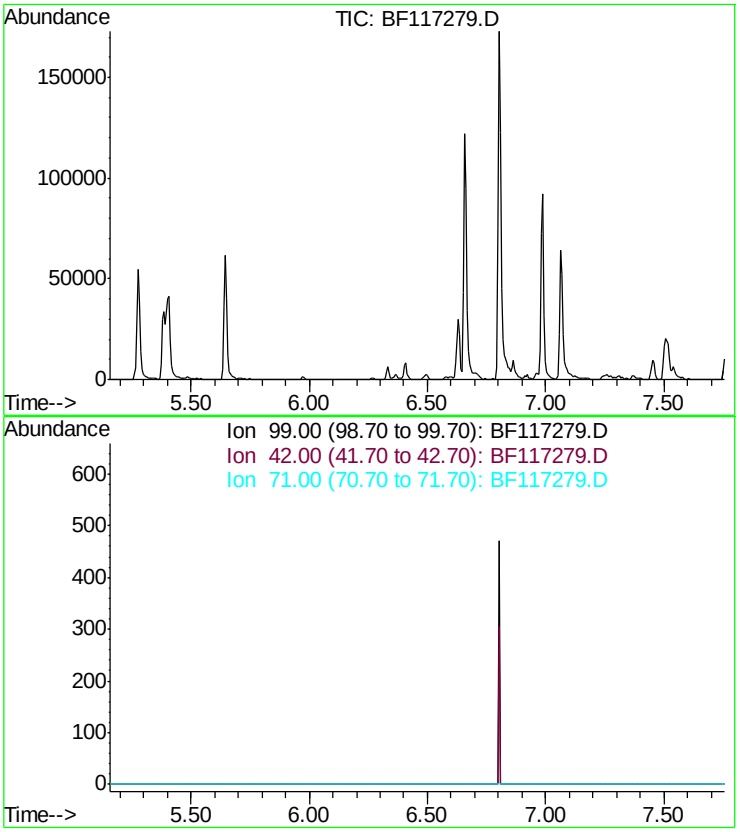


#5
2-Fluorophenol
Concen: 0.176 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.05 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion:112 Resp: 341

Ion	Ratio	Lower	Upper
112	100		
64	0.0	45.7	68.5#
63	0.0	24.9	37.3#





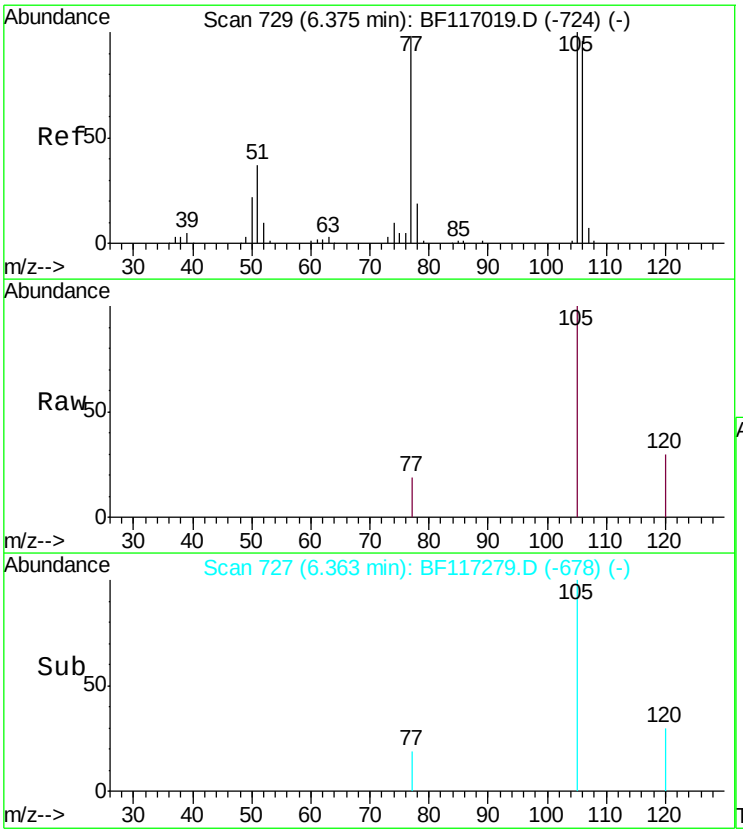
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.46 min

Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	15.2
71	37.3

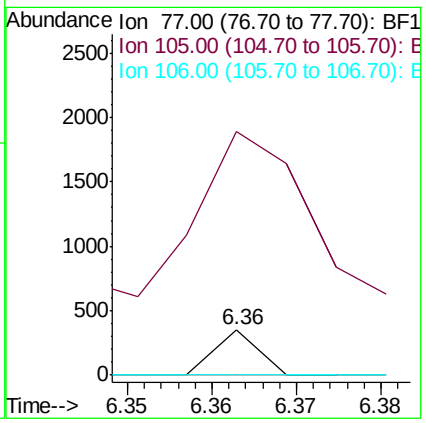
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

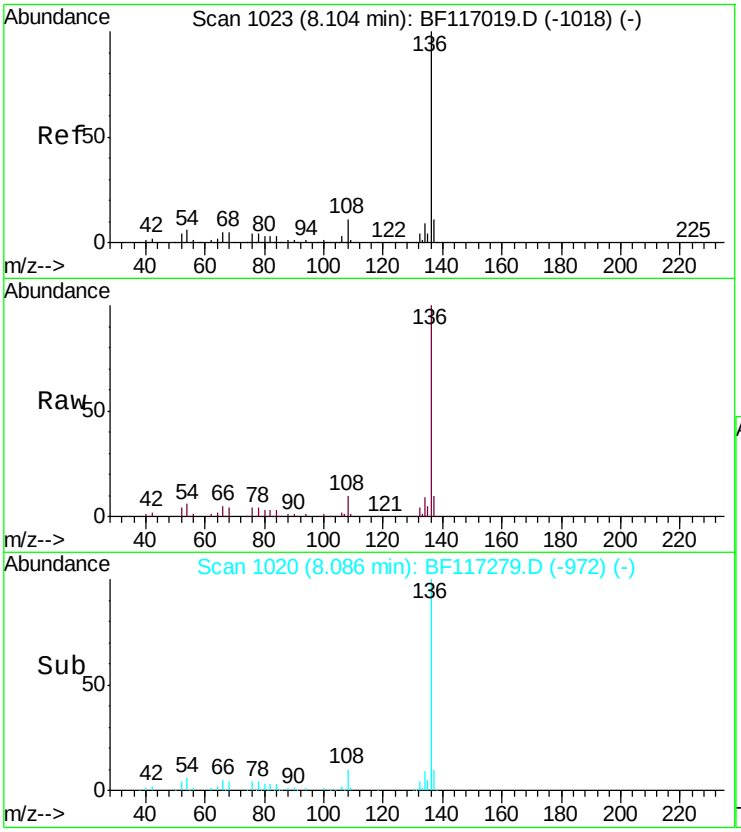


#9
Benzaldehyde
Concen: Below Cal
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion: 77 Resp: 125

Ion	Ratio	Lower	Upper
77	100		
105	533.9	81.8	121.8#
106	0.0	77.3	117.3#



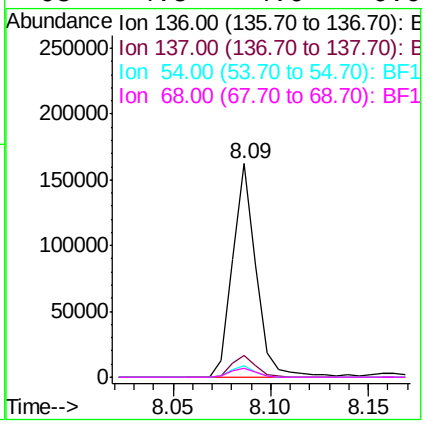


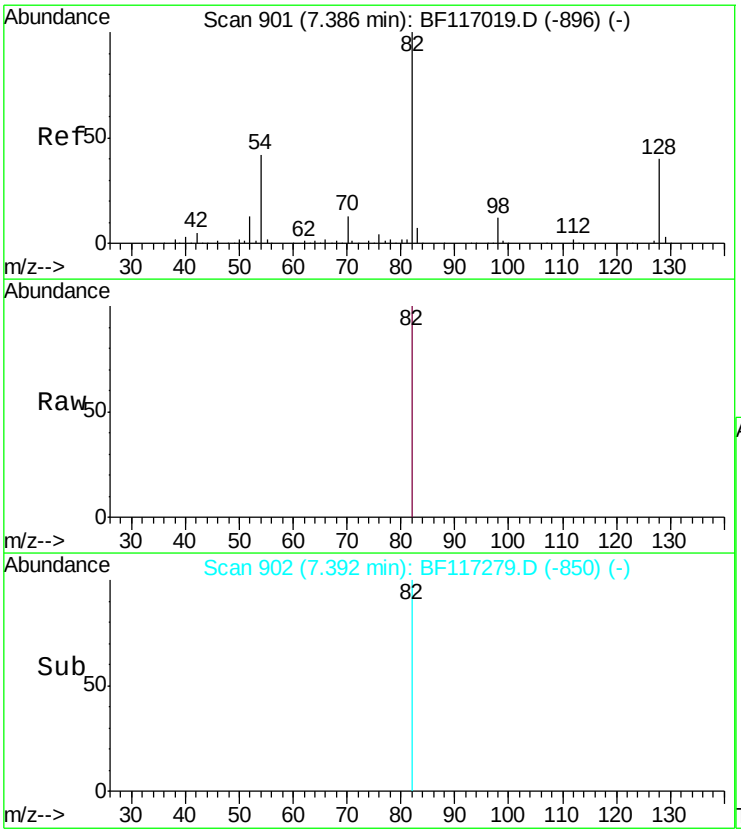
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:136 Resp: 136662

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	5.6	4.5	6.7
68	4.5	4.0	6.0

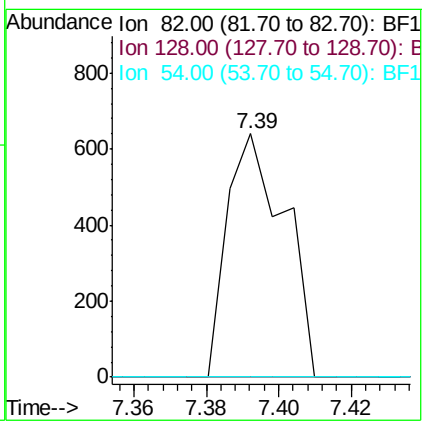


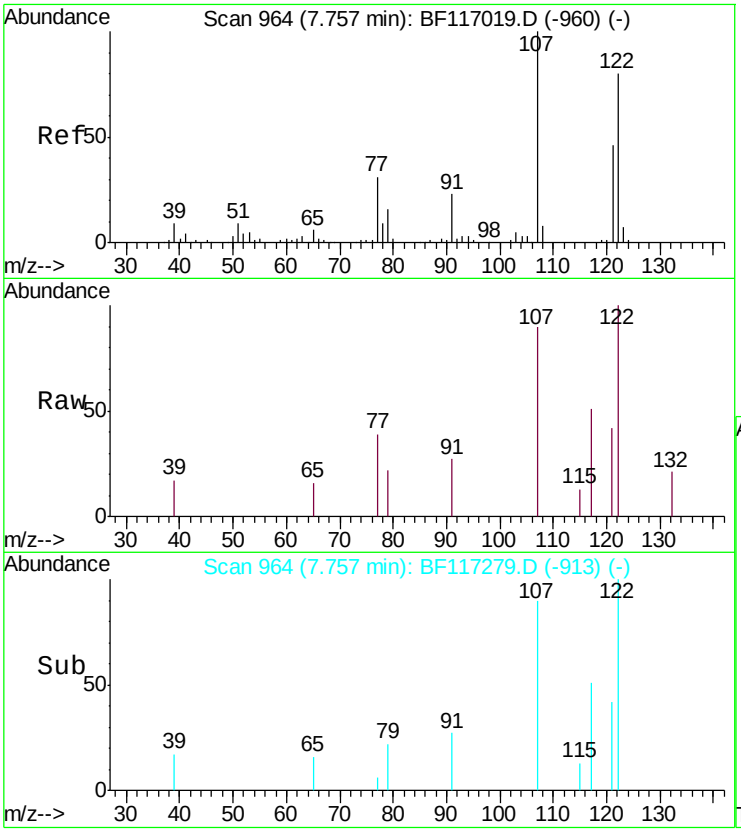


#23
Nitrobenzene-d5
Concen: 0.272 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion: 82 Resp: 708

Ion	Ratio	Lower	Upper
82	100		
128	0.0	32.3	48.5#
54	0.0	33.3	49.9#



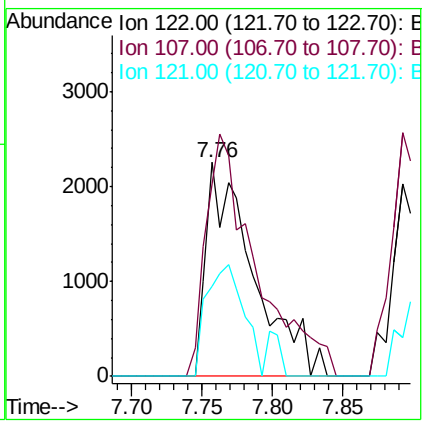


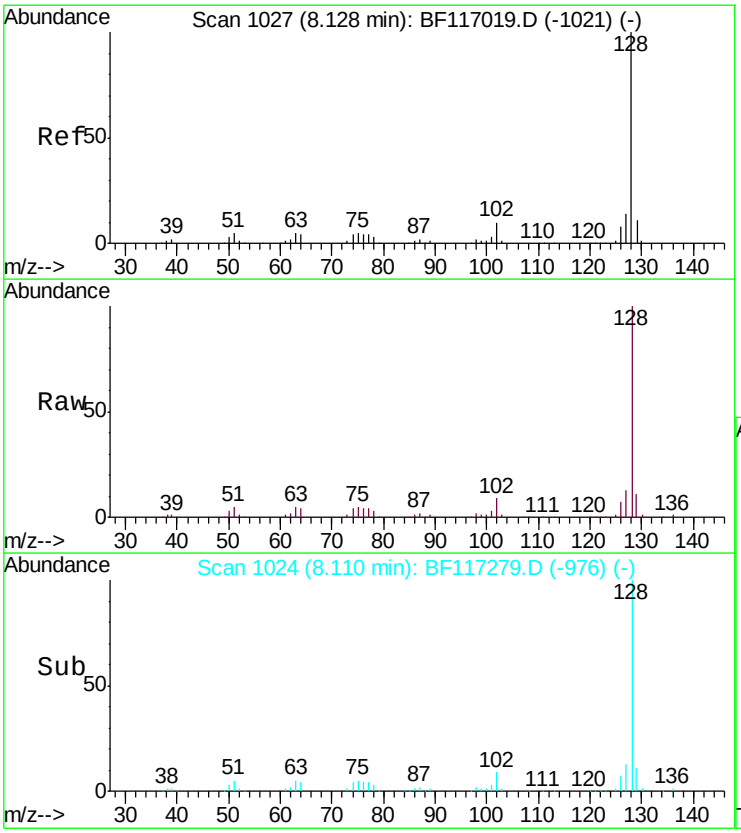
#27
2,4-Dimethylphenol
Concen: 3.018 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:122 Resp: 5280

Ion	Ratio	Lower	Upper
122	100		
107	90.2	98.9	148.3#
121	42.0	45.3	67.9#

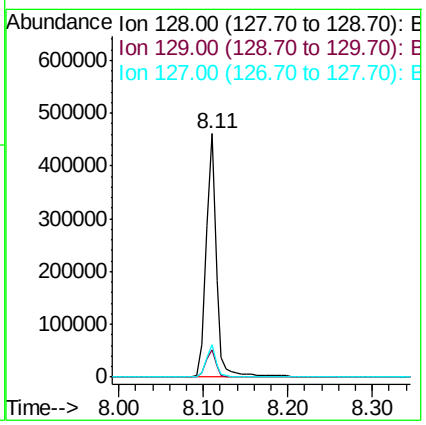


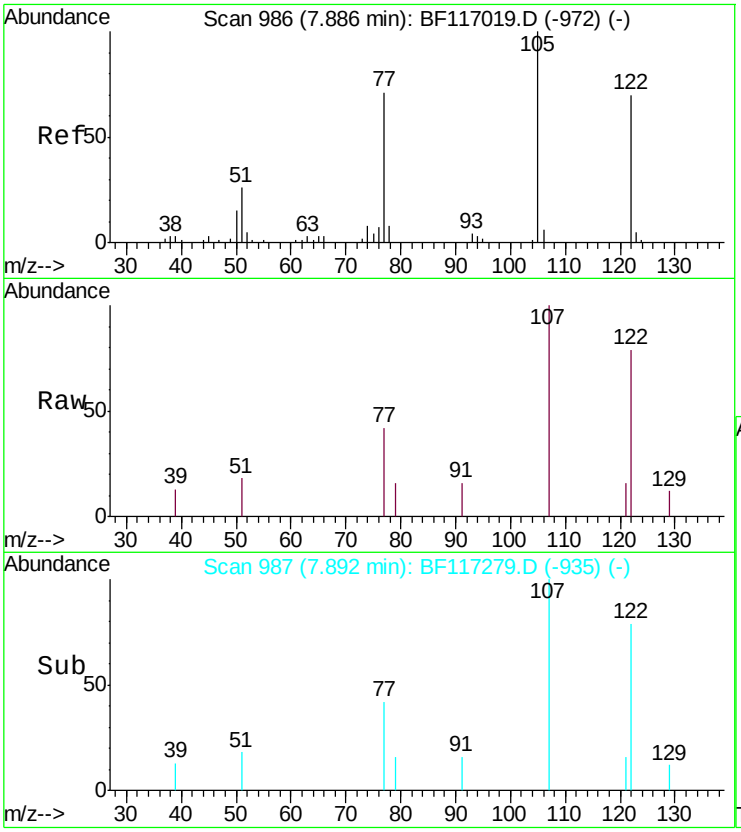


#31
Naphthalene
Concen: 60.156 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion:128 Resp: 395383

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.1	10.8	16.2



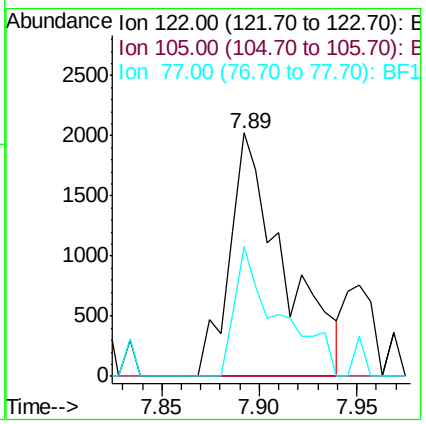


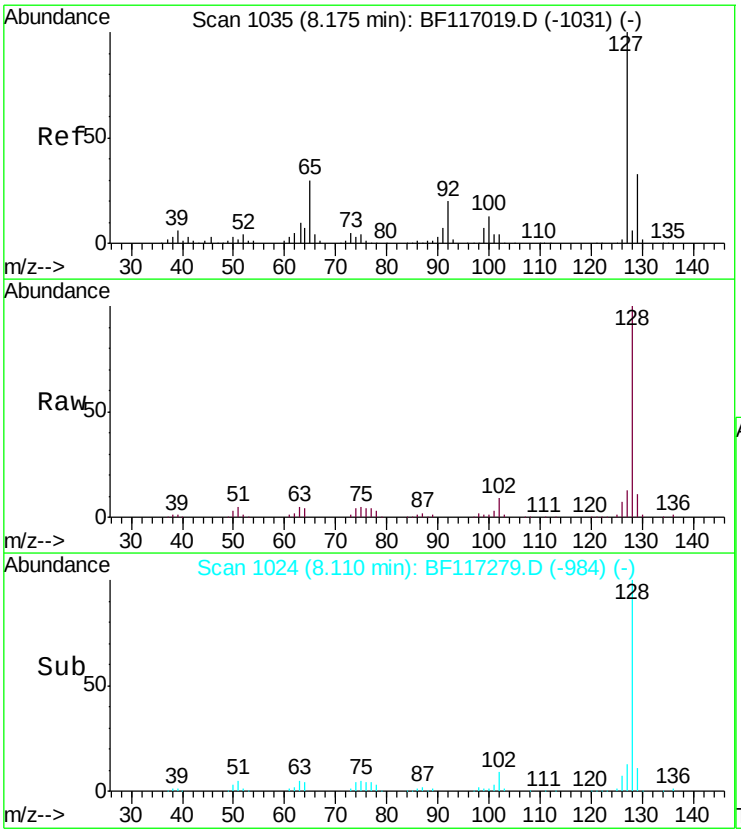
#32
Benzoic acid
Concen: 9.150 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:122 Resp: 3915

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	53.1	78.7	118.7#

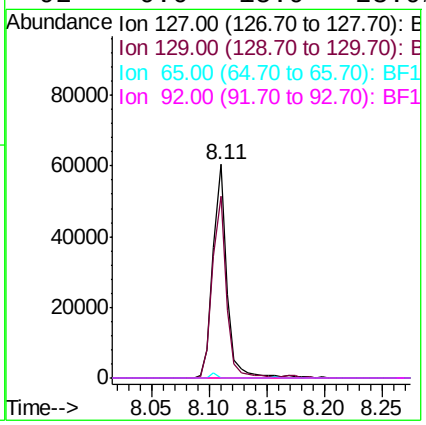


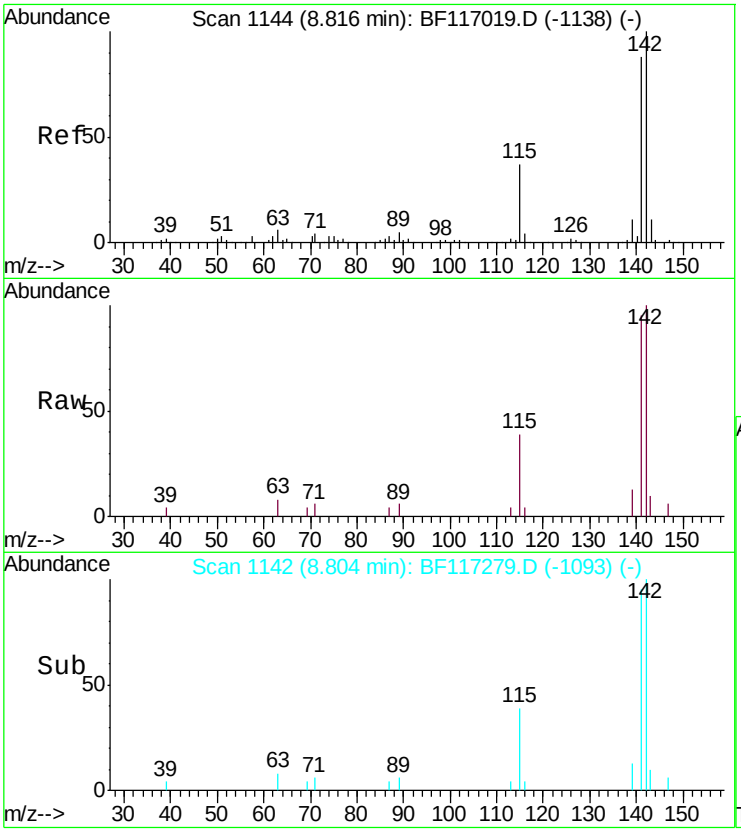


#33
4-Chloroaniline
Concen: 17.496 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.06 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion:127 Resp: 51004

Ion	Ratio	Lower	Upper
127	100		
129	85.2	26.2	39.2#
65	0.0	23.5	35.3#
92	0.0	15.9	23.9#



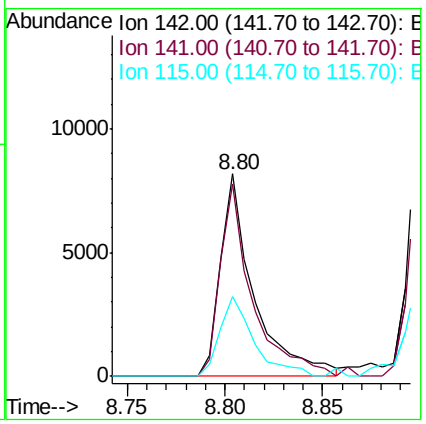


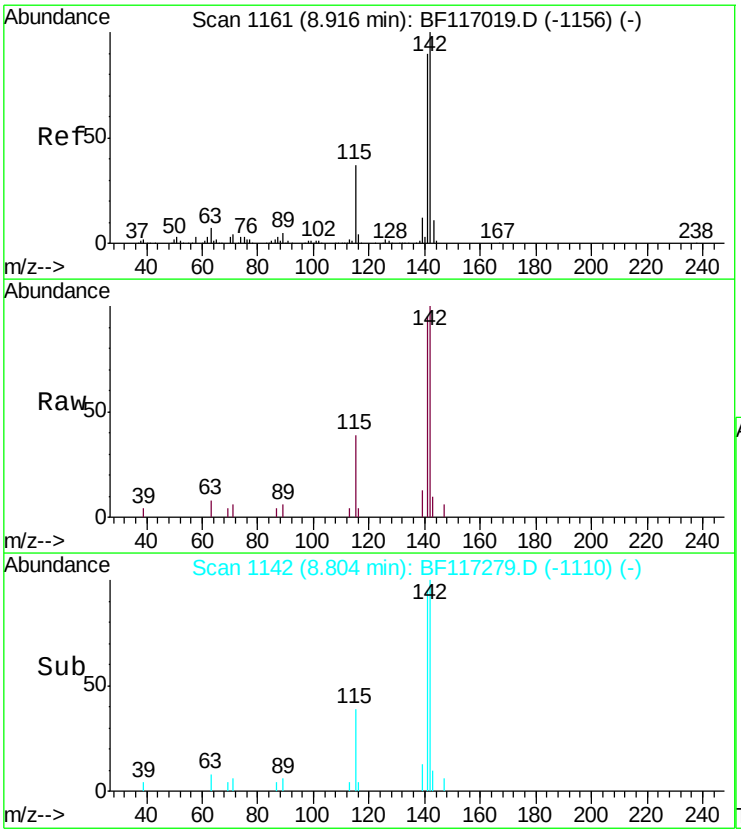
#37
2-Methylnaphthalene
Concen: 2.196 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:142 Resp: 9720

Ion	Ratio	Lower	Upper
142	100		
141	95.2	70.7	106.1
115	39.4	29.4	44.0

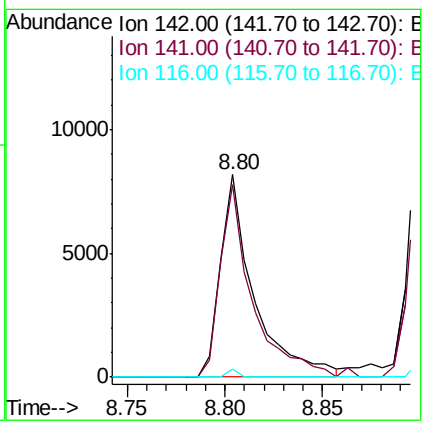


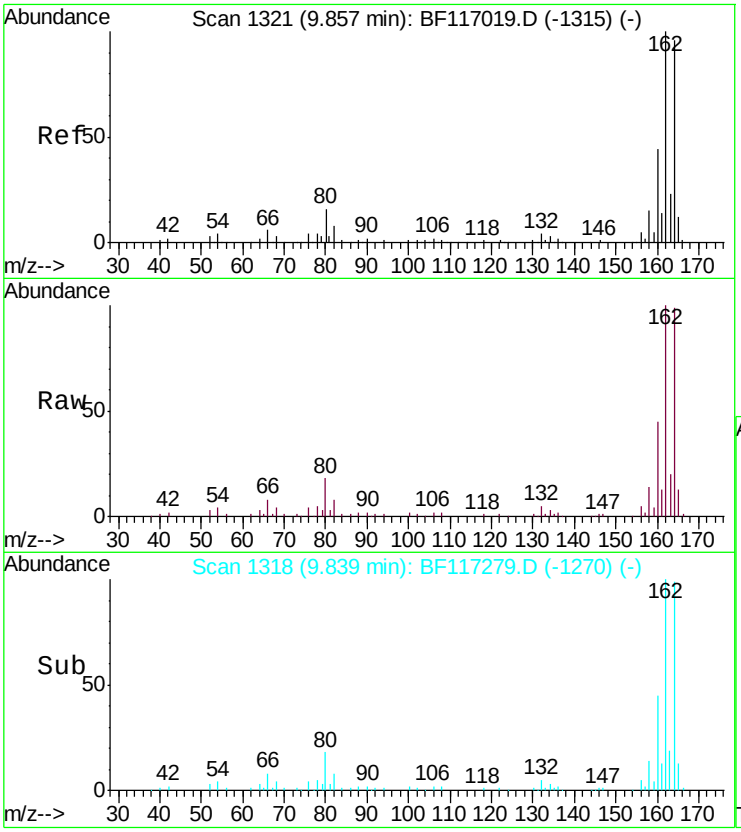


#38
1-Methylnaphthalene
Concen: 2.345 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.11 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion:142 Resp: 9720

Ion	Ratio	Lower	Upper
142	100		
141	95.2	71.9	107.9
116	4.2	3.2	4.8



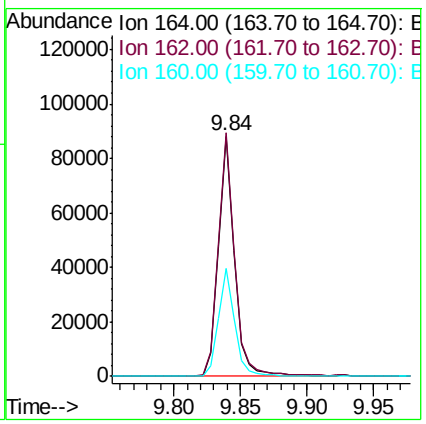


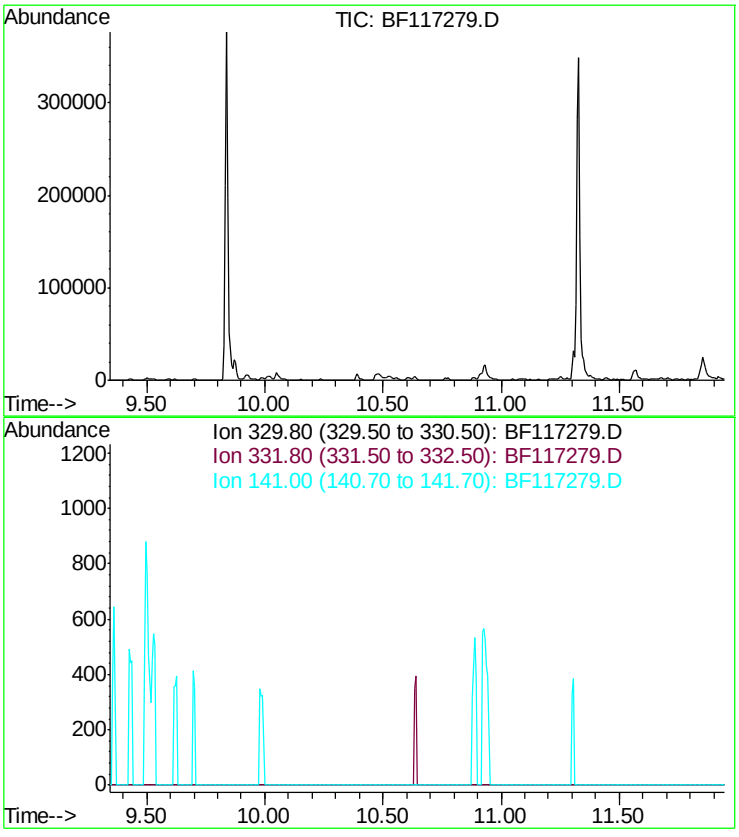
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:164 Resp: 76133

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.4	125.2
160	45.1	36.4	54.6



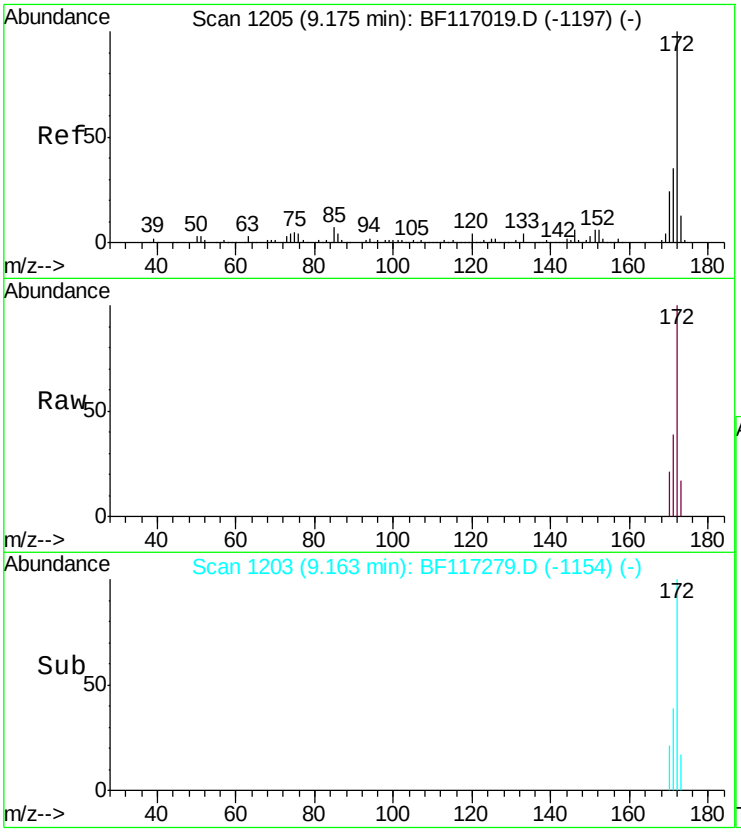


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.65 min

Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.5
141	44.7

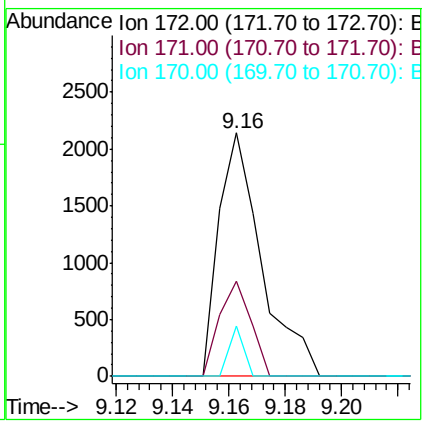


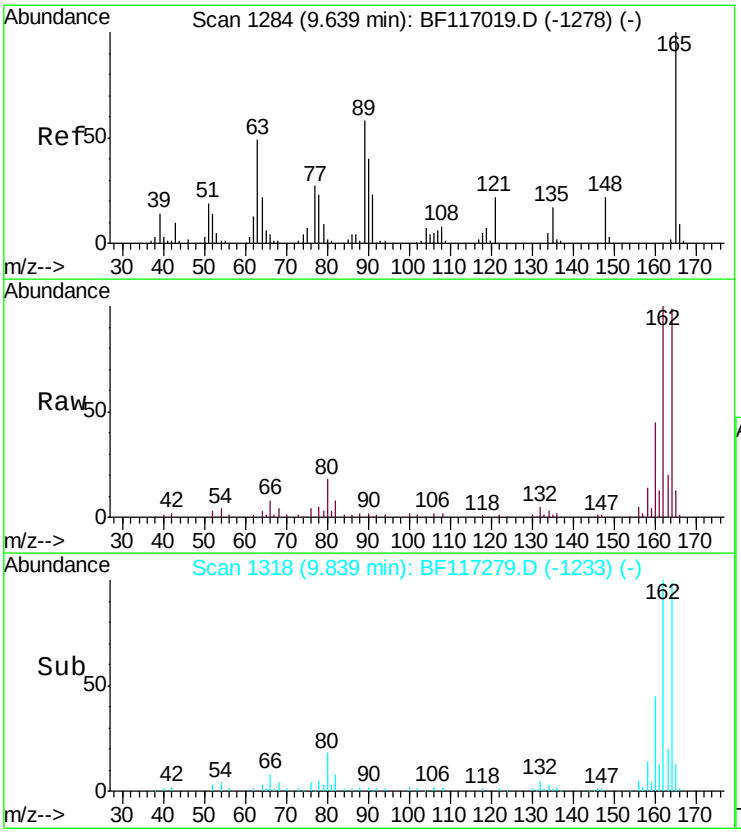
#45
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:172 Resp: 2253

Ion	Ratio	Lower	Upper
172	100		
171	39.0	28.2	42.2
170	20.7	18.9	28.3

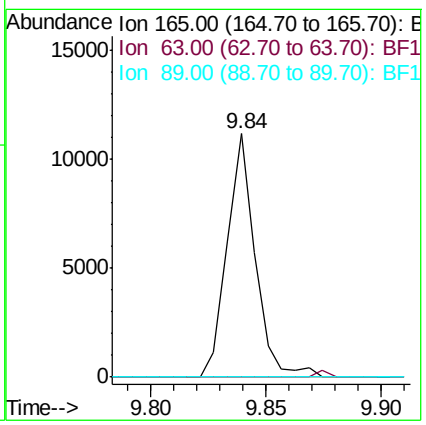


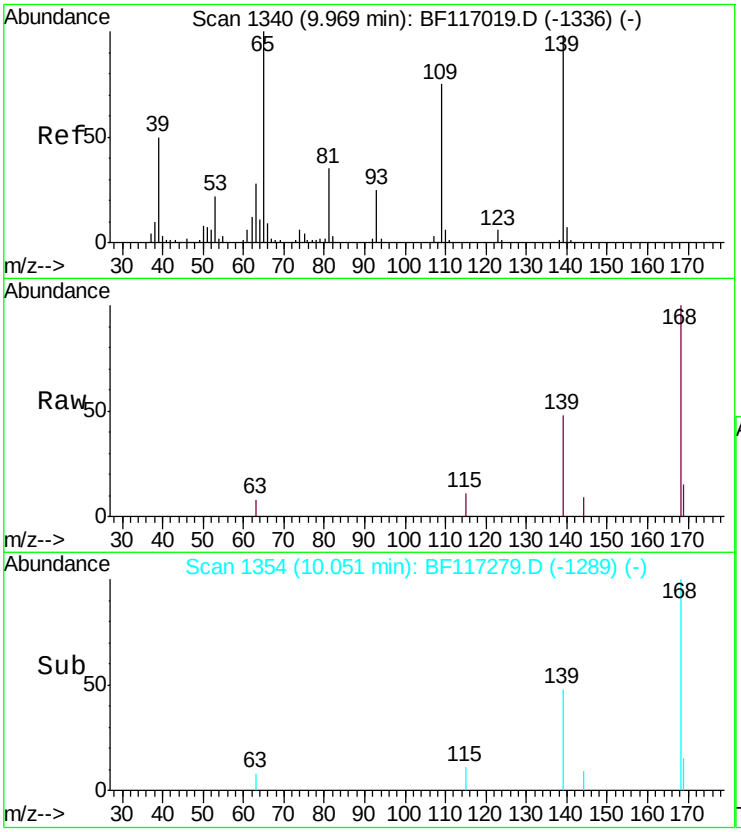


#51
2,6-Dinitrotoluene
Concen: 8.647 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion:165 Resp: 9493

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



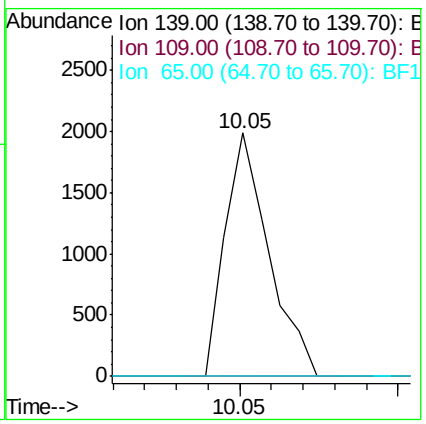


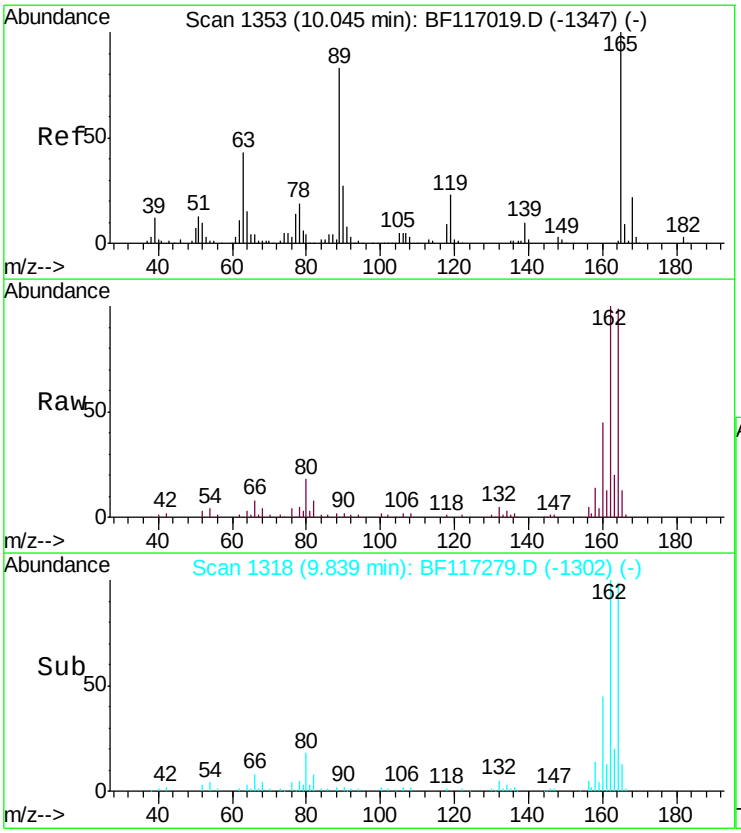
#56
4-Nitrophenol
Concen: 2.102 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.08 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:139 Resp: 1887

Ion	Ratio	Lower	Upper
139	100		
109	0.0	56.4	96.4#
65	0.0	82.5	122.5#

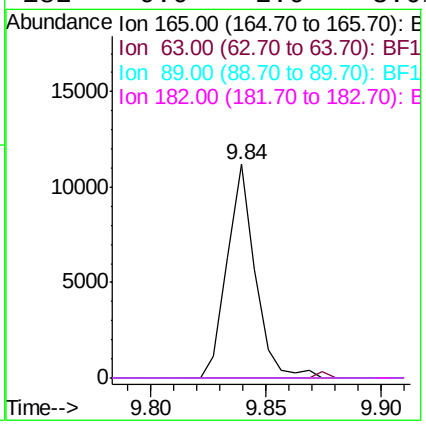


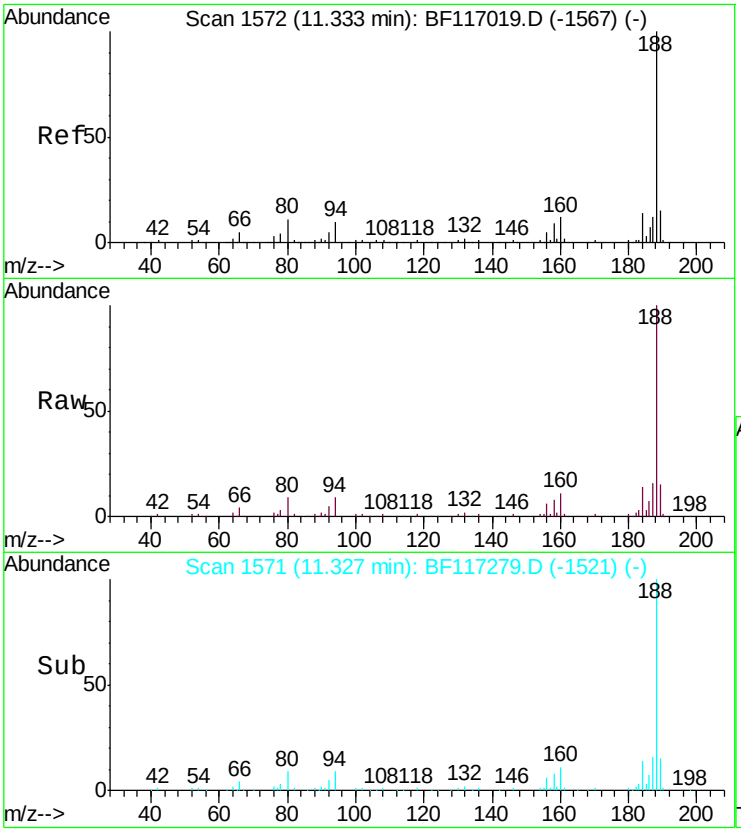


#57
2,4-Dinitrotoluene
Concen: 6.661 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion:165 Resp: 9493

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



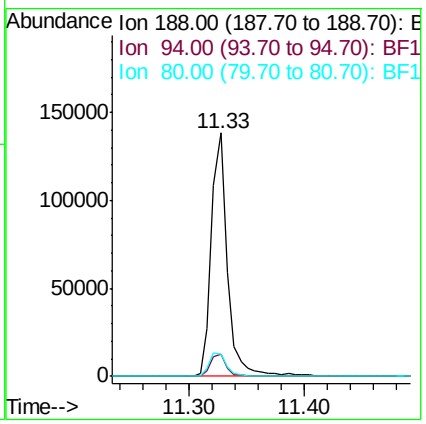


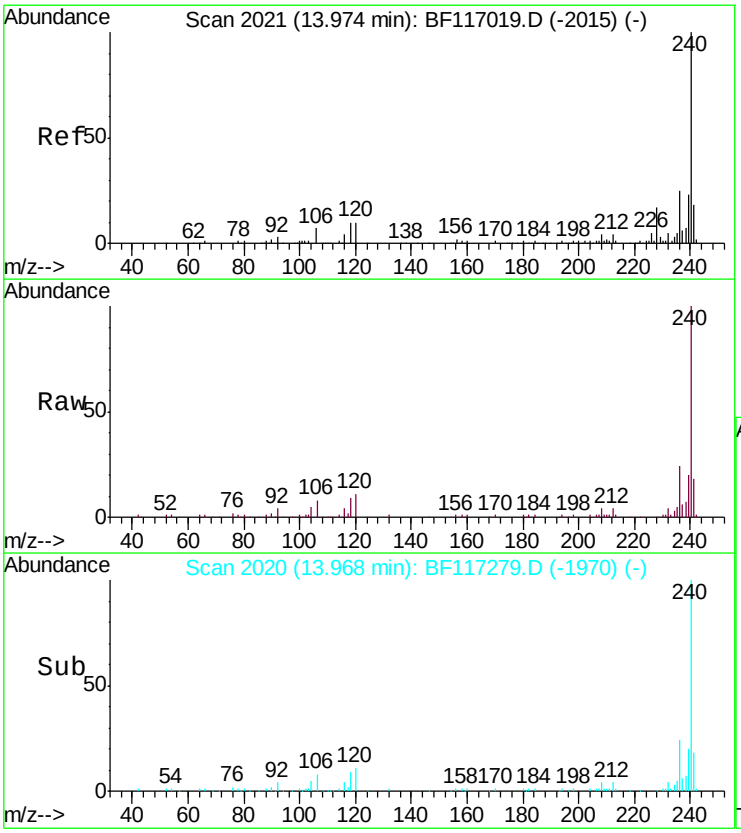
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:188 Resp: 134072

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.4	9.0	13.6

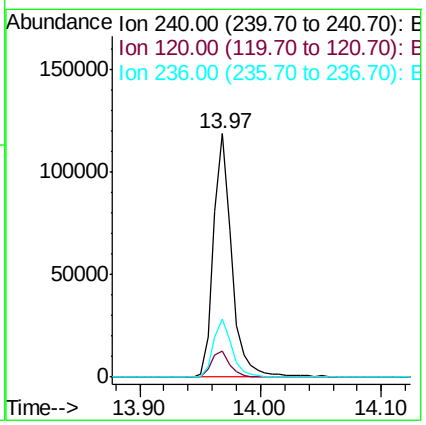


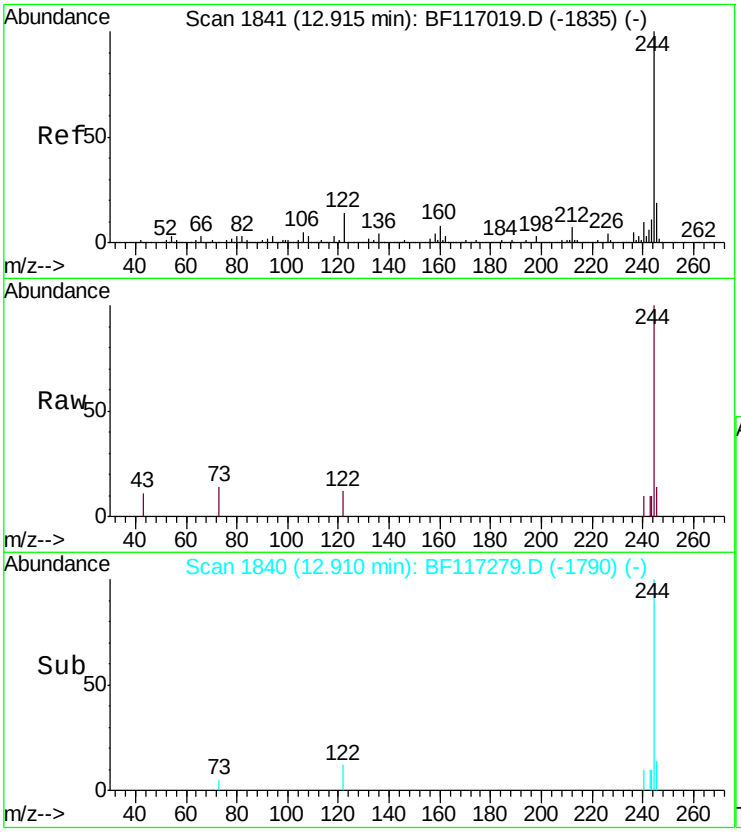


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion:240 Resp: 122319

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	23.9	20.3	30.5



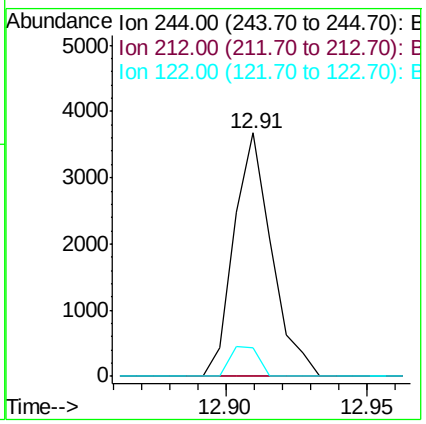


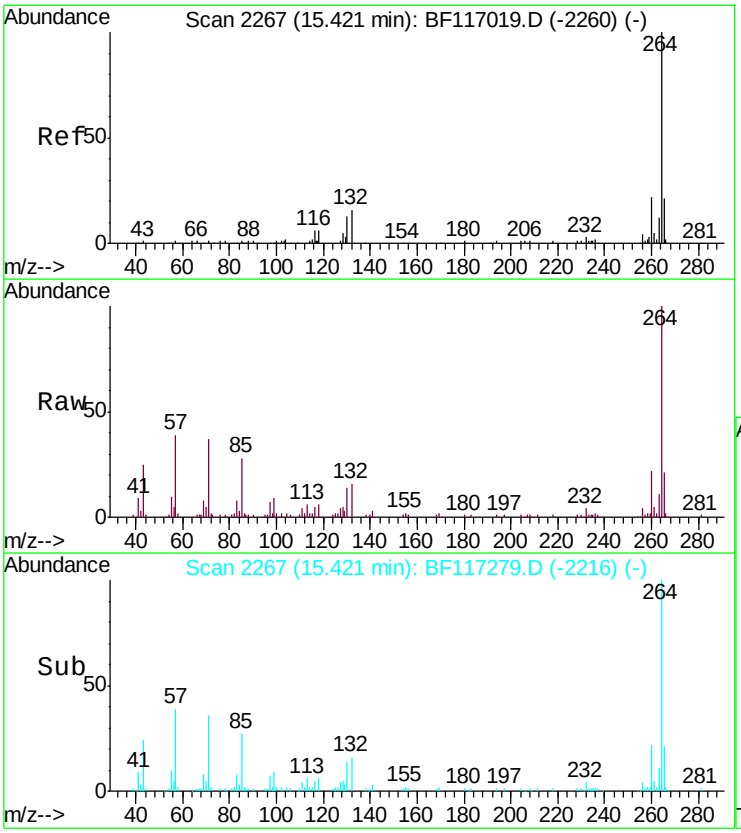
#79
Terphenyl-d14
Concen: 0.520 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:244 Resp: 3400

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.8	8.8#
122	11.8	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF117279.D
Acq: 1 Oct 2019 16:20

Tgt Ion:264 Resp: 126504

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.6	26.4
265	20.9	16.6	24.8