Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117337.D
Acq On : 4 Oct 2019 00:38
Operator : JU
Sample : K5140-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-100219

Quant Time: Oct 04 06:53:31 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	6.81	152	46159	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	158862	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	61230	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	96783	20.00	ng	0.00
76) Chrysene-d12	13.97	240	84586	20.00	ng	0.00
87) Perylene-d12	15.43	264	63011	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	106871	36.15	ng	0.00
7) Phenol-d6	6.46	99	147212	38.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	79359	26.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	17271	33.75	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	124779	31.86	ng	-0.01
79) Terphenyl-d14	12.91	244	121126	26.77	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.11	128	19917	2.607	ng	# 79
37) 2-Methylnaphthalene	8.80	142	15943	3.099	ng	# 93
38) 1-Methylnaphthalene	8.90	142	10545	2.188	ng	# 97
50) Dimethylphthalate	9.56	163	11815	2.725	ng	# 89
78) Pyrene	12.77	202	15005	2.114	ng	97

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

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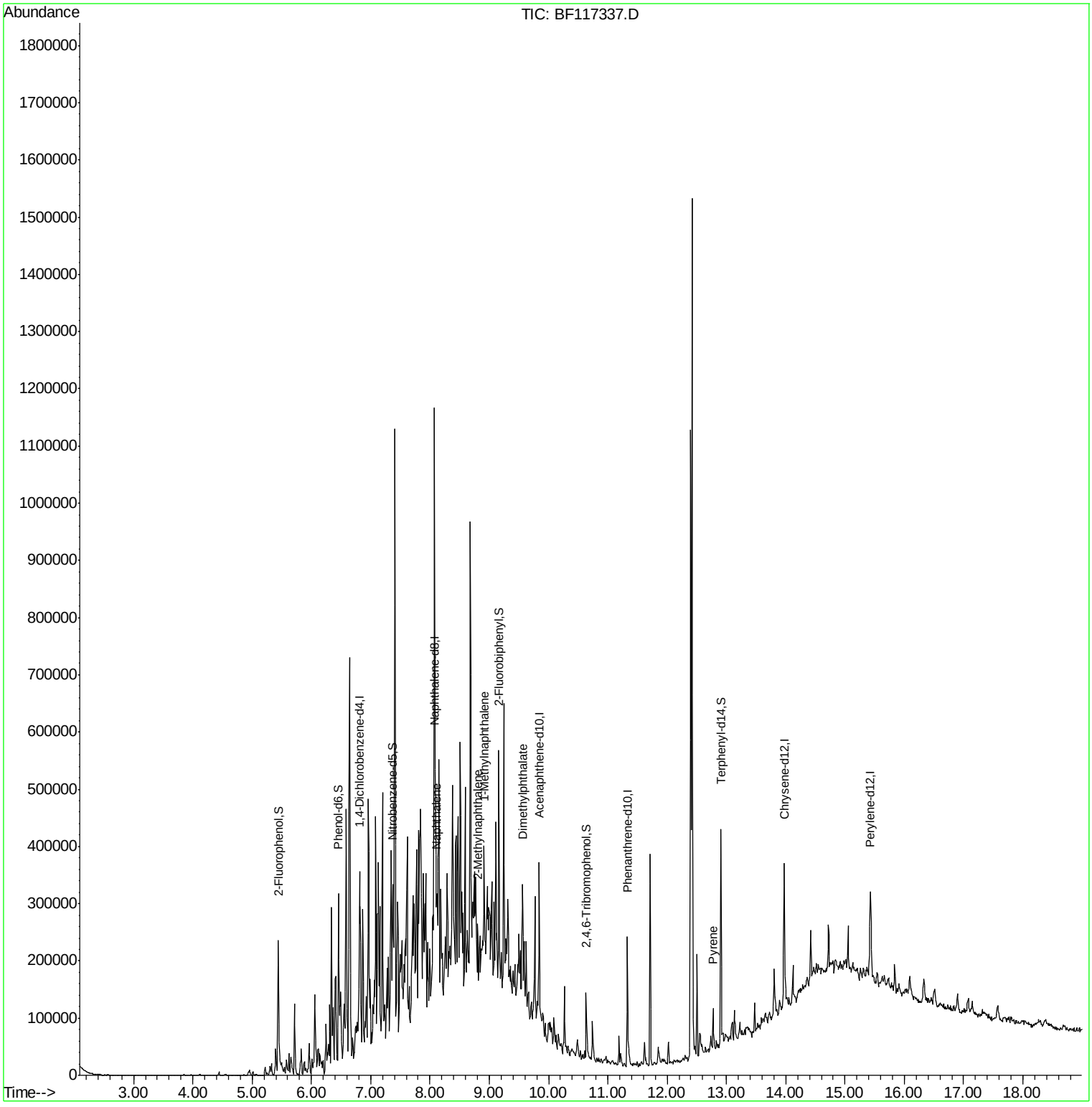
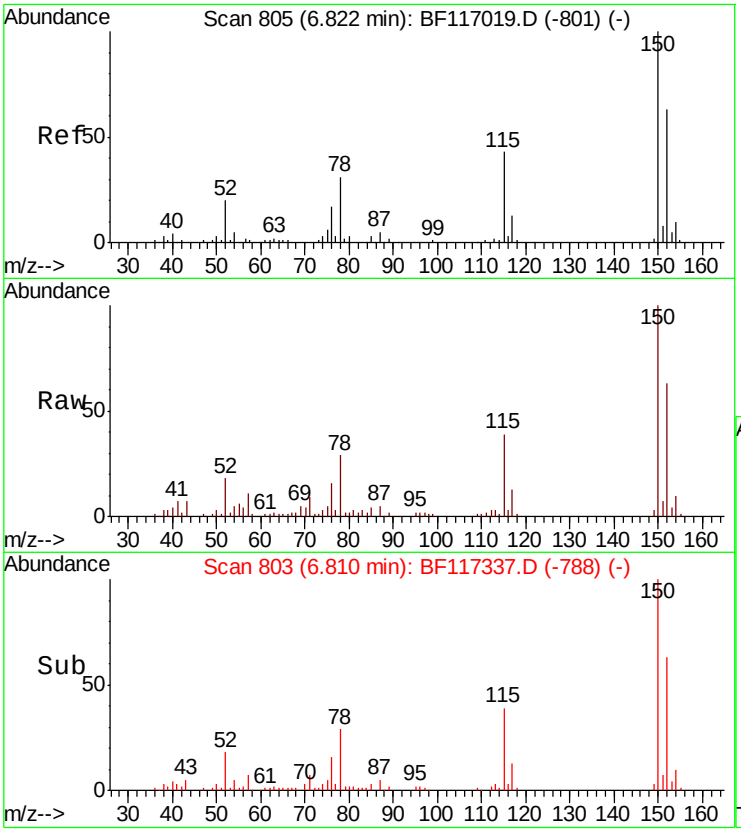


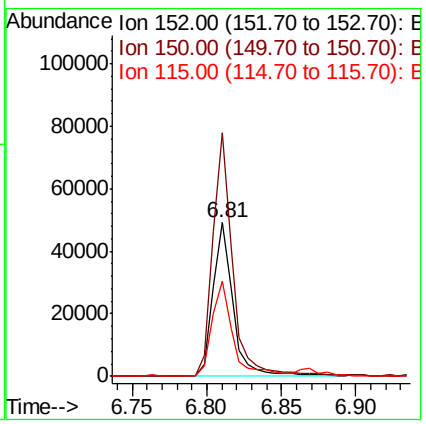


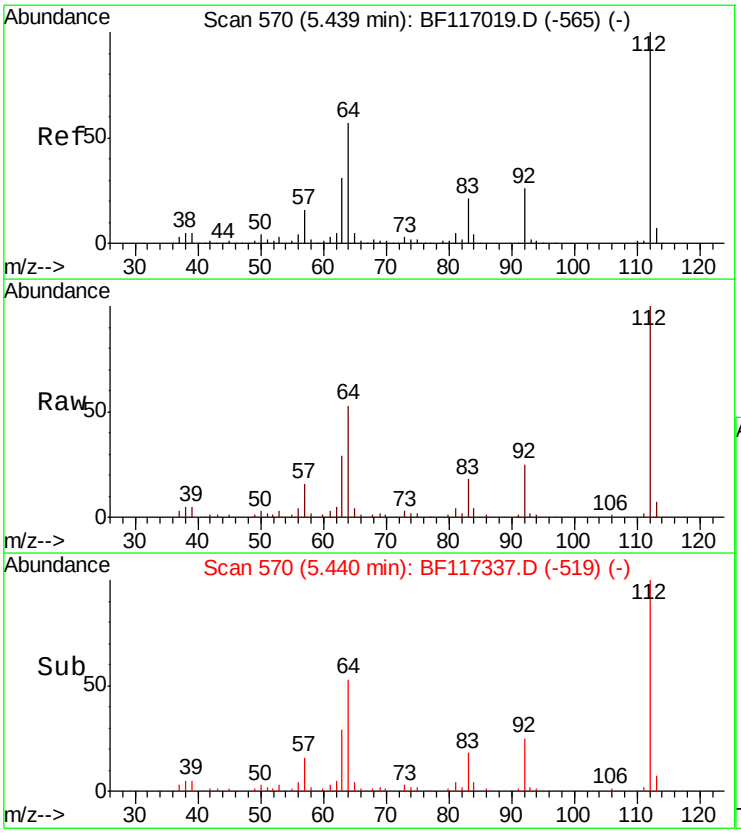
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Instrument :
BNA_F
ClientSampleId :
HR-05-100219

Tgt Ion:152 Resp: 46159

Ion	Ratio	Lower	Upper
152	100		
150	158.1	127.5	191.3
115	61.6	55.0	82.4

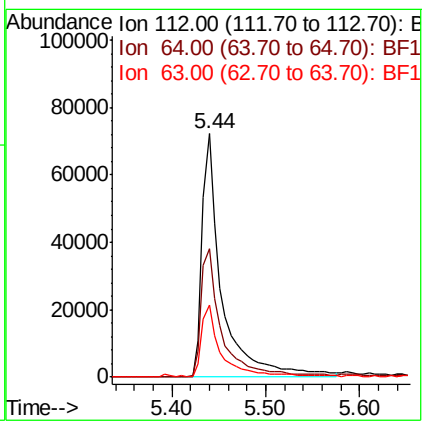


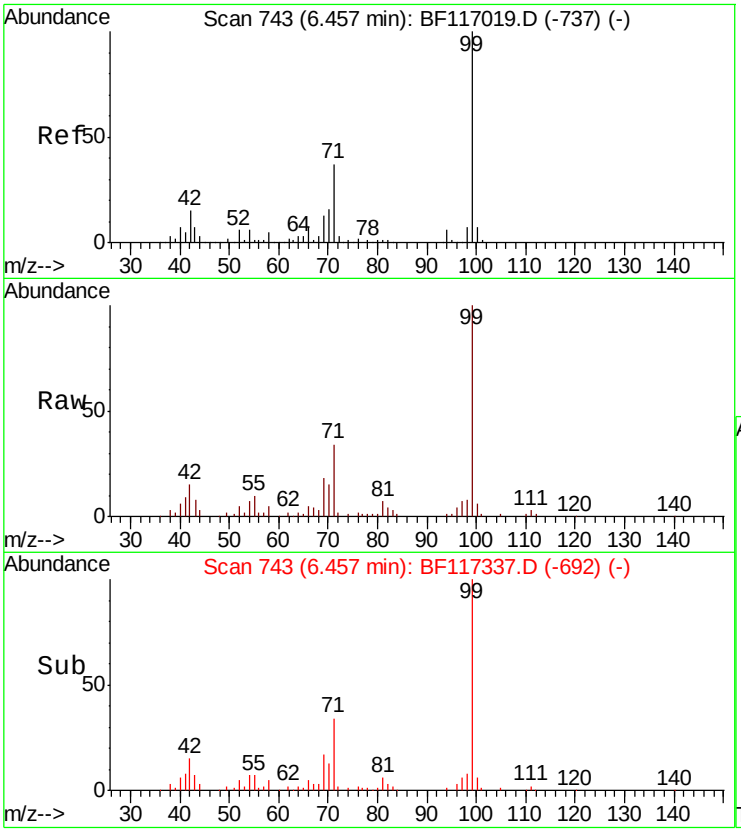


#5
2-Fluorophenol
Concen: 36.147 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Tgt Ion:112 Resp: 106871

Ion	Ratio	Lower	Upper
112	100		
64	52.8	45.7	68.5
63	29.4	24.9	37.3



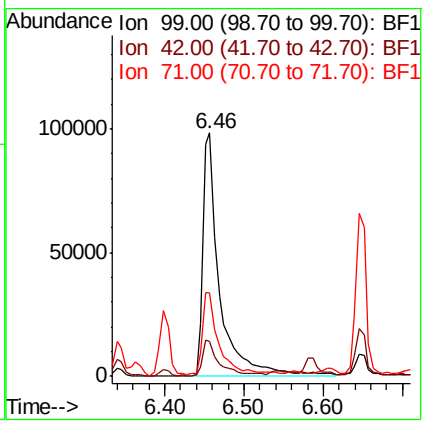


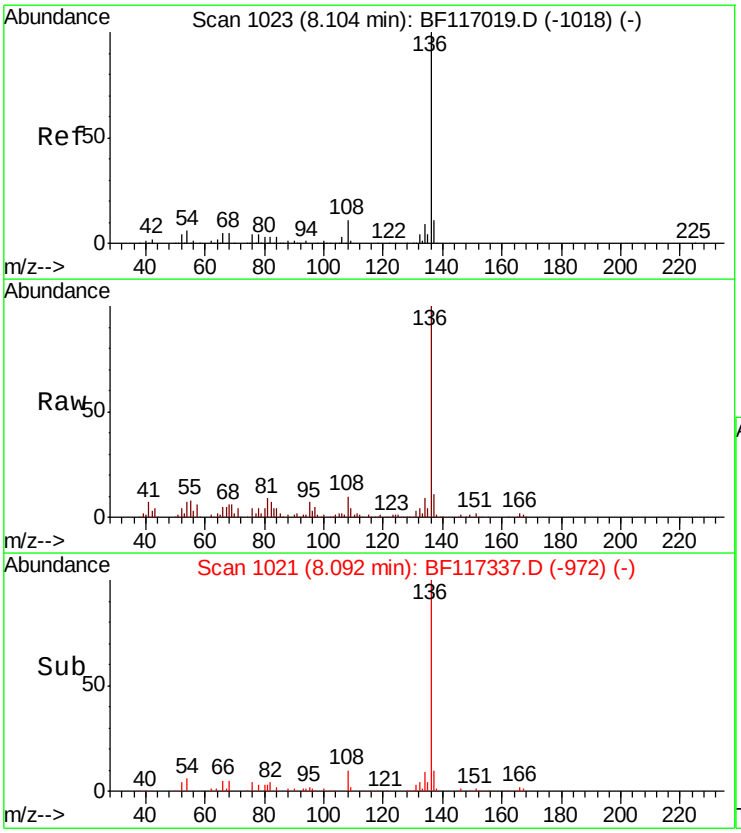
#7
Phenol-d6
Concen: 38.528 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Instrument :
BNA_F
ClientSampleId :
HR-05-100219

Tgt Ion: 99 Resp: 147212

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.2	18.2
71	34.2	29.8	44.8

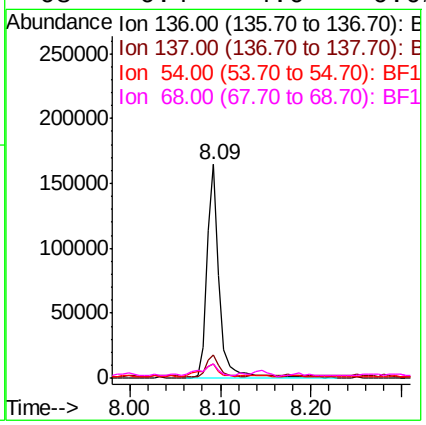


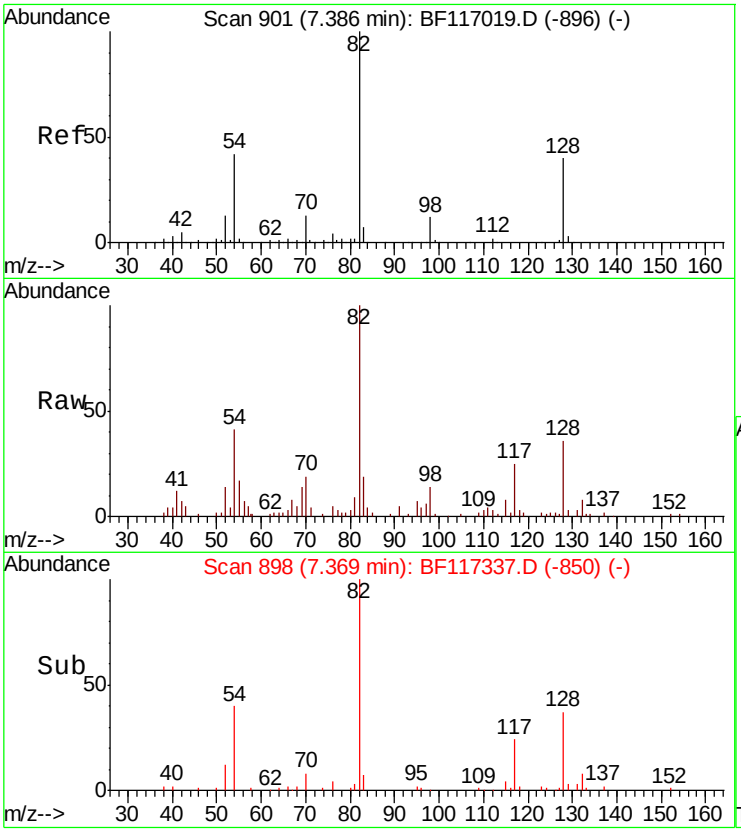


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Tgt Ion:136 Resp: 158862

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.8	4.5	6.7#
68	6.4	4.0	6.0#



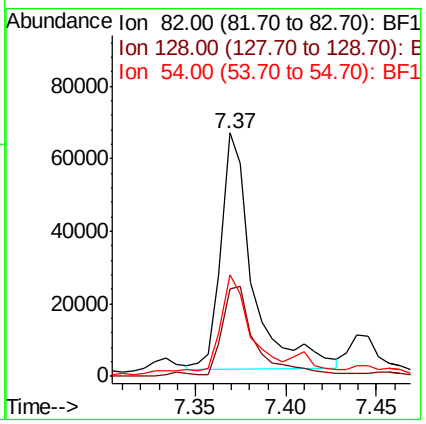


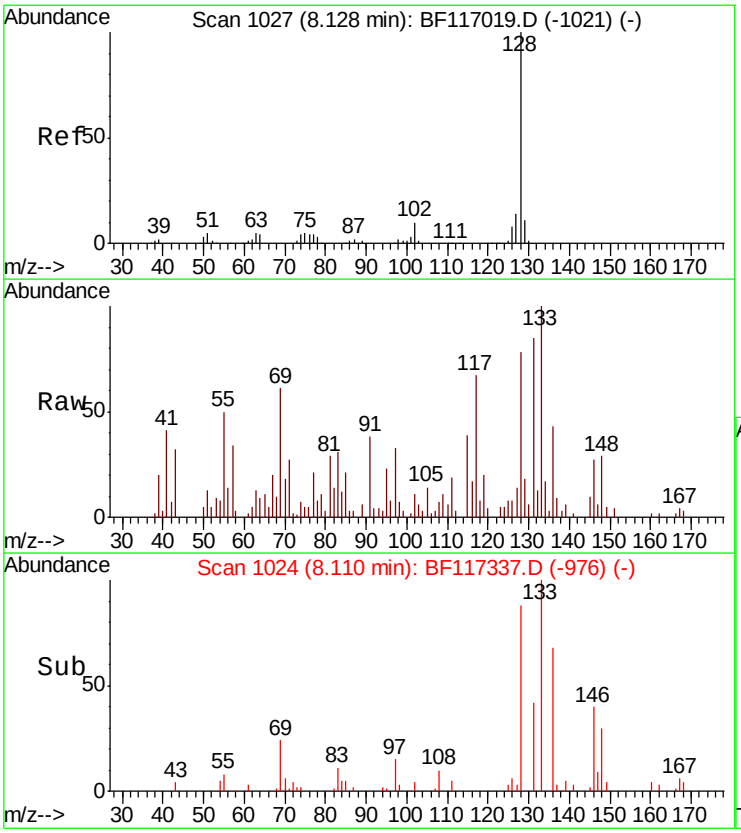
#23
Nitrobenzene-d5
Concen: 26.247 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Instrument :
BNA_F
ClientSampleId :
HR-05-100219

Tgt Ion: 82 Resp: 79359

Ion	Ratio	Lower	Upper
82	100		
128	36.1	32.3	48.5
54	41.5	33.3	49.9

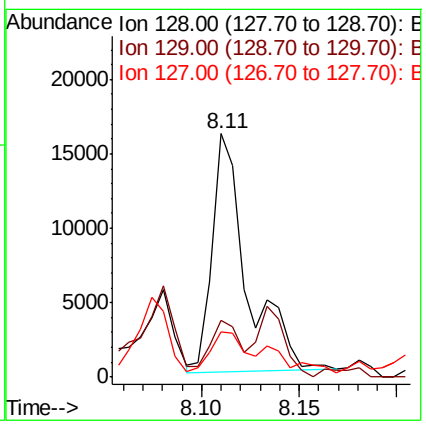


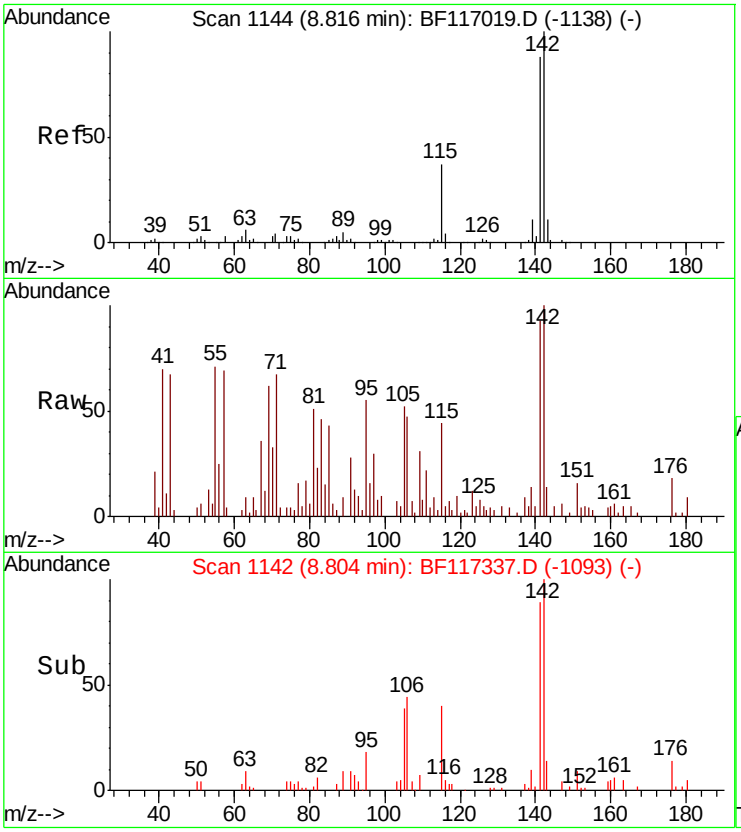


#31
Naphthalene
Concen: 2.607 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Tgt Ion:128 Resp: 19917

Ion	Ratio	Lower	Upper
128	100		
129	23.3	9.0	13.4#
127	18.4	10.8	16.2#

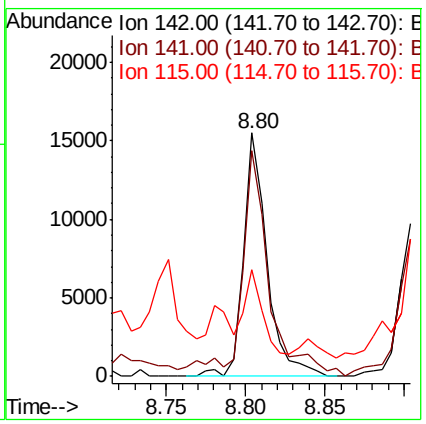




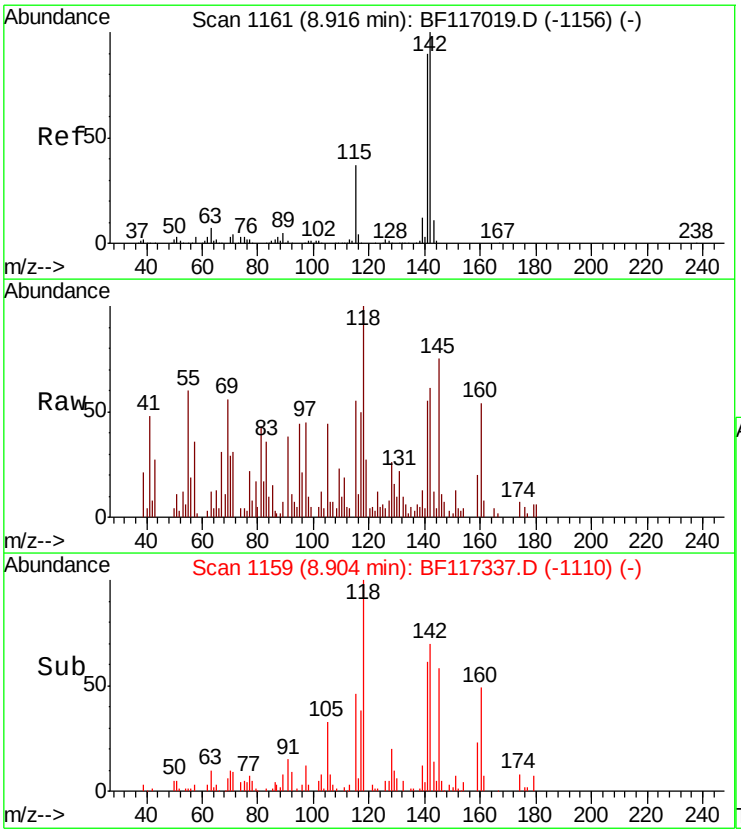
#37
2-Methylnaphthalene
Concen: 3.099 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Tgt Ion:142 Resp: 15943

Ion	Ratio	Lower	Upper
142	100		
141	92.7	70.7	106.1
115	44.1	29.4	44.0#



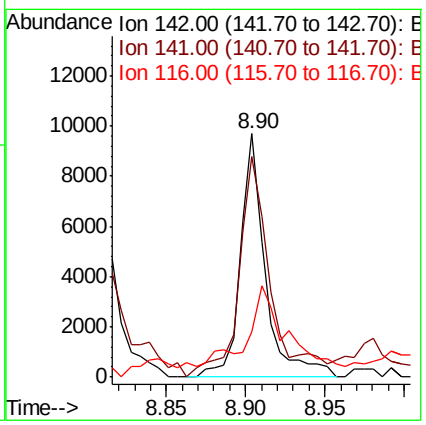
Instrument :
BNA_F
ClientSampleId :
HR-05-100219

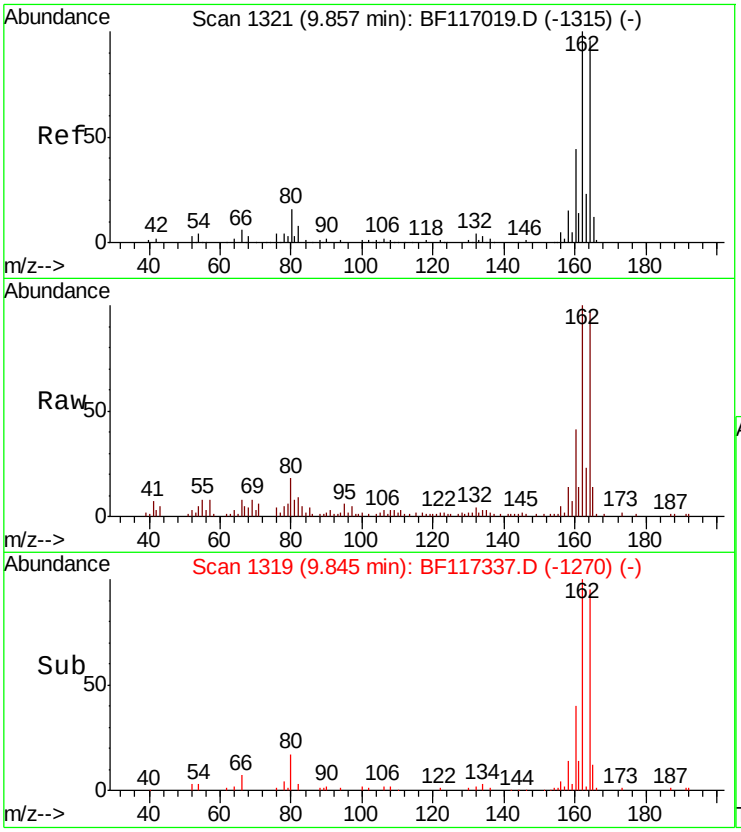


#38
1-Methylnaphthalene
Concen: 2.188 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Tgt Ion:142 Resp: 10545

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
116	18.7	3.2	4.8#



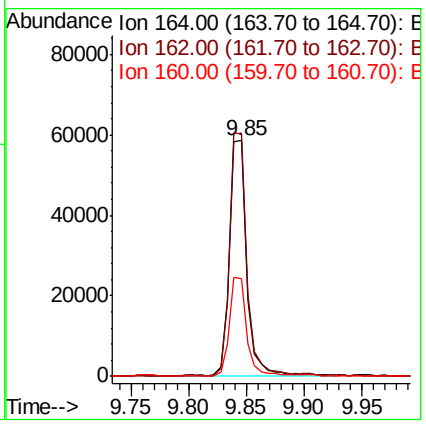


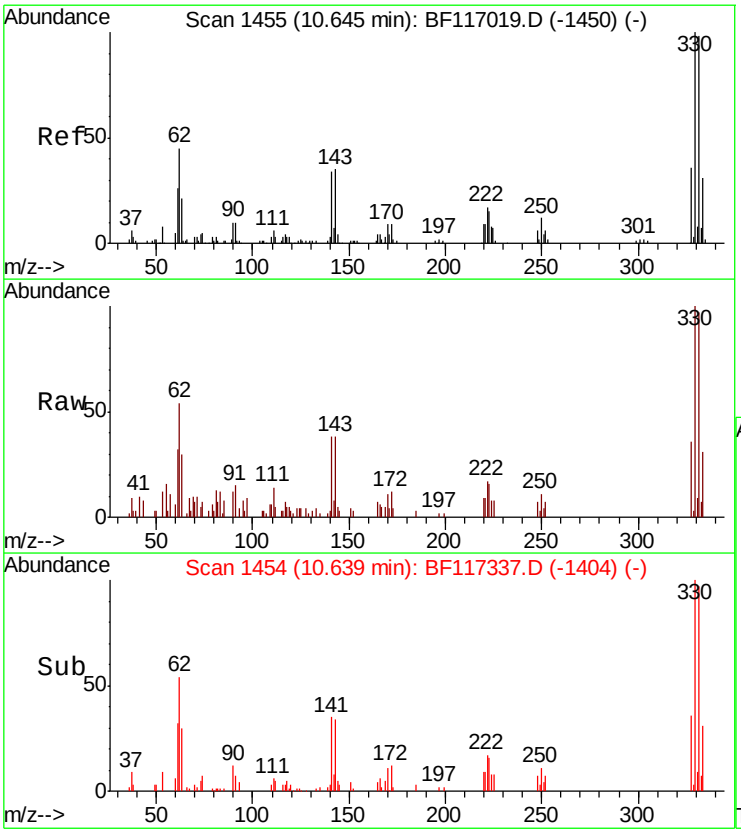
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Instrument :
BNA_F
ClientSampleId :
HR-05-100219

Tgt Ion:164 Resp: 61230

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.4	125.2
160	41.8	36.4	54.6

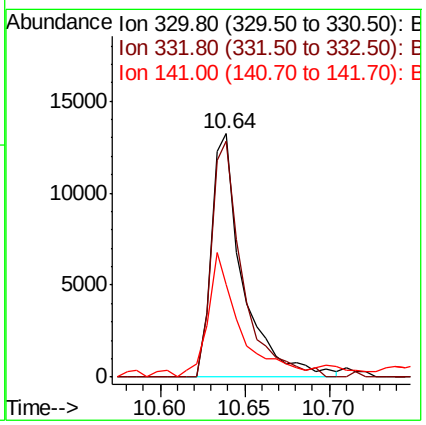


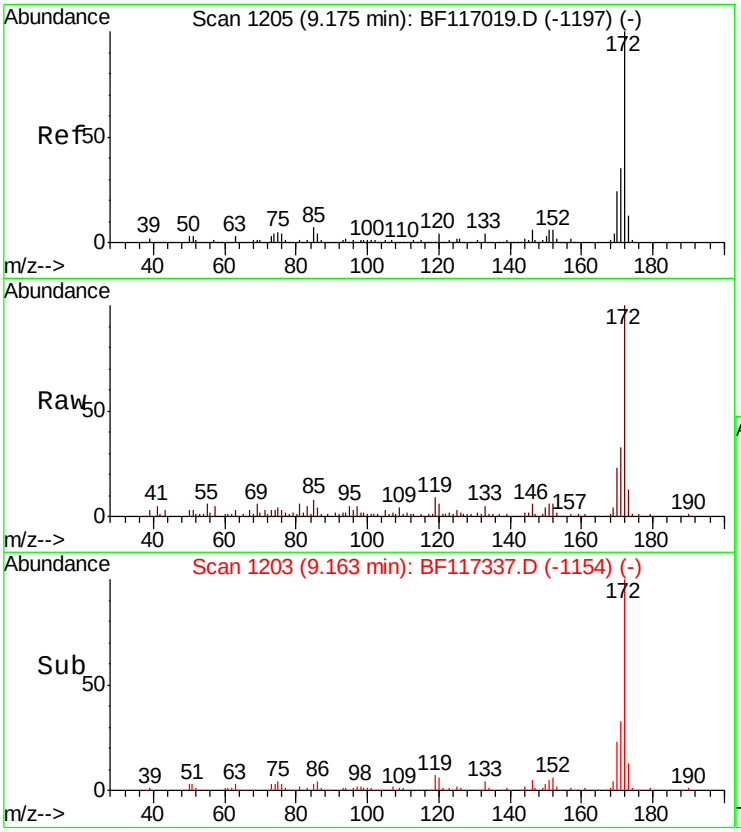


#42
2,4,6-Tribromophenol
Concen: 33.749 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Tgt Ion:330 Resp: 17271

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.0	117.0
141	52.0	35.8	53.6



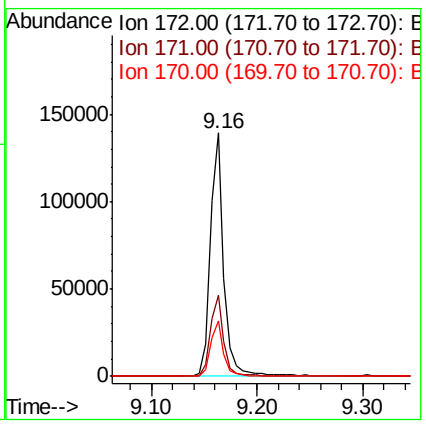


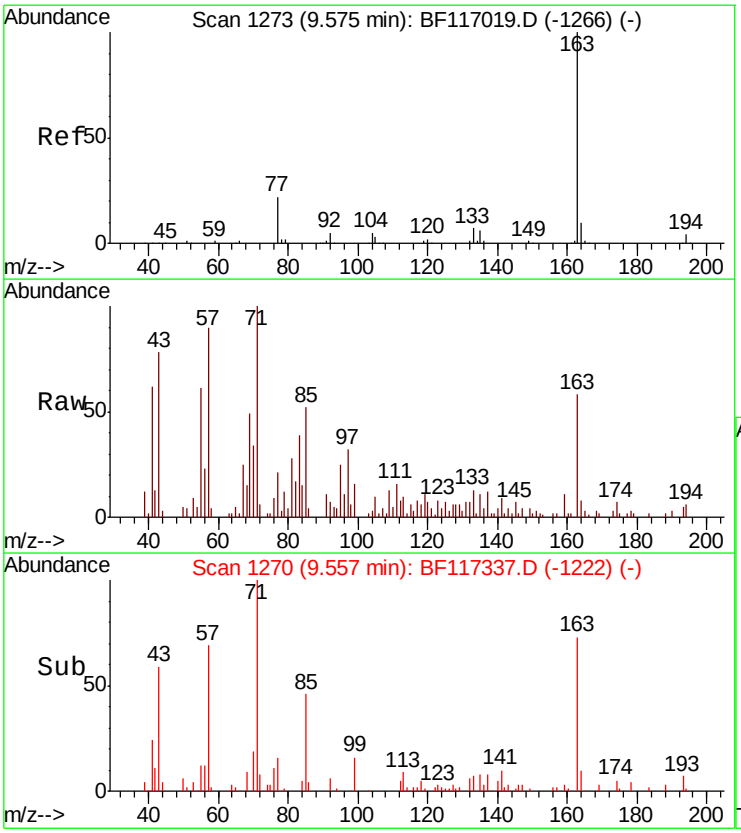
#45
2-Fluorobiphenyl
Concen: 31.864 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Instrument :
BNA_F
ClientSampleId :
HR-05-100219

Tgt Ion:172 Resp: 124779

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.2	42.2
170	22.5	18.9	28.3

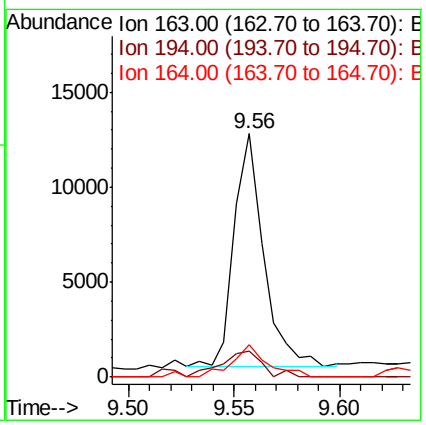


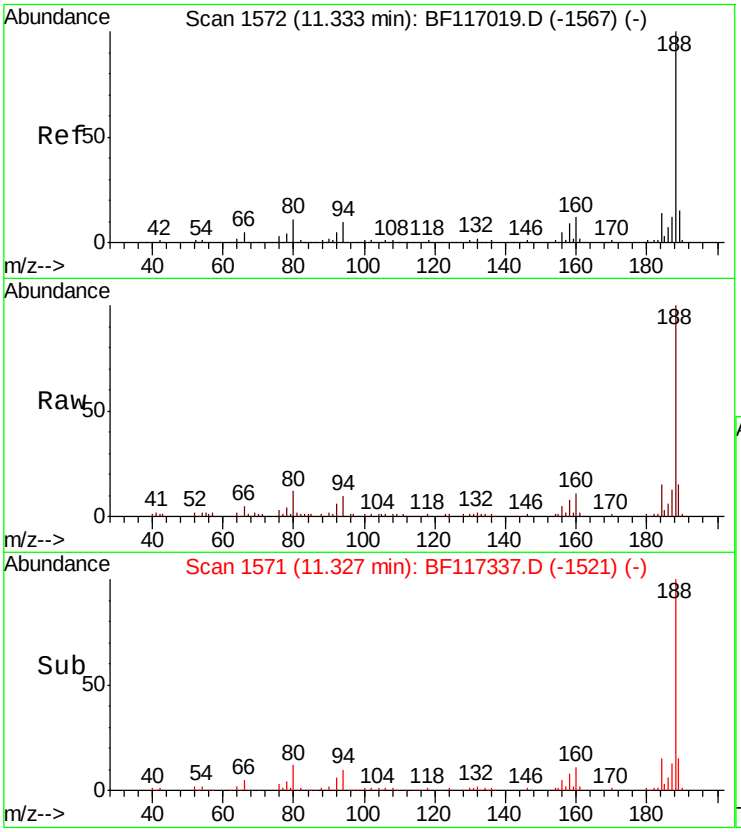


#50
Dimethylphthalate
Concen: 2.725 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Tgt Ion:163 Resp: 11815

Ion	Ratio	Lower	Upper
163	100		
194	10.6	2.9	4.3#
164	13.1	8.2	12.4#



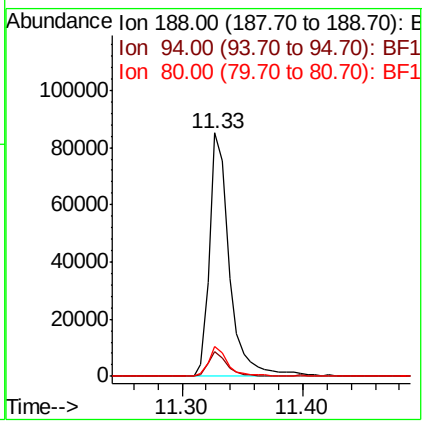


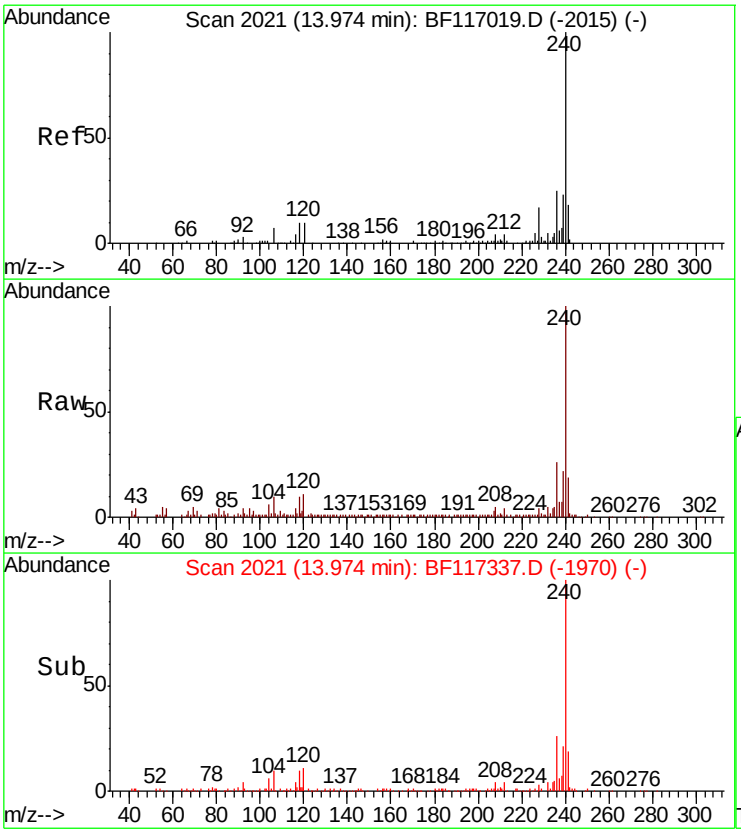
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Instrument :
BNA_F
ClientSampleId :
HR-05-100219

Tgt Ion:188 Resp: 96783

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	12.4	9.0	13.6

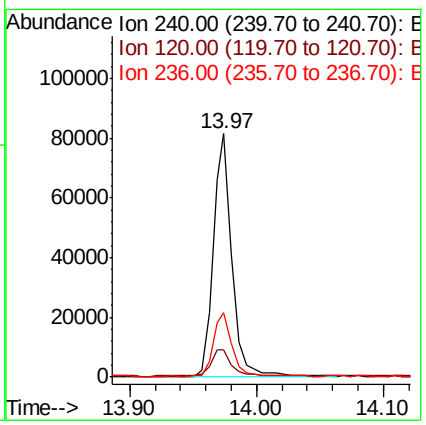


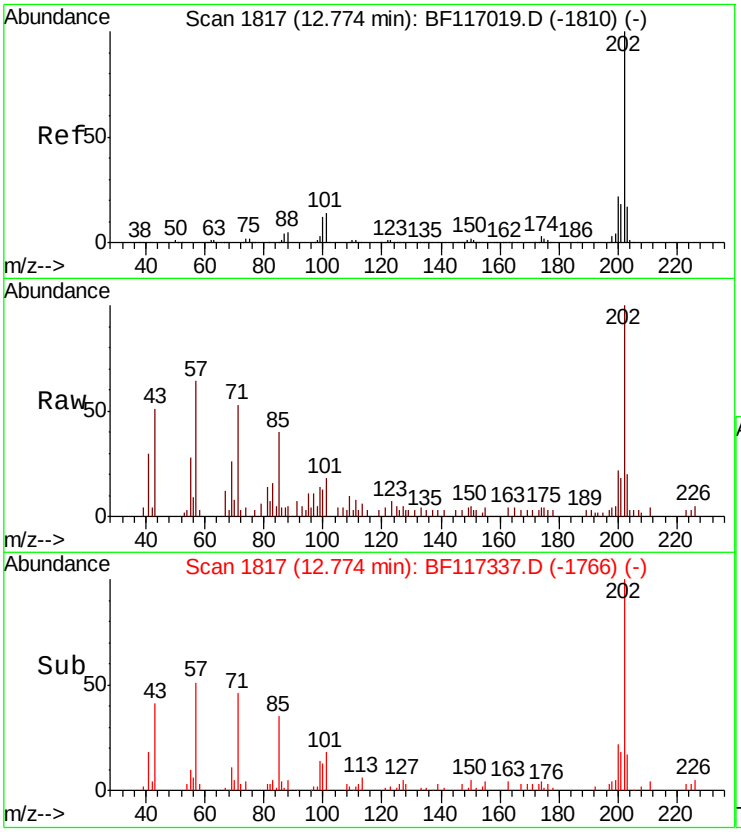


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Tgt Ion:240 Resp: 84586

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	26.4	20.3	30.5



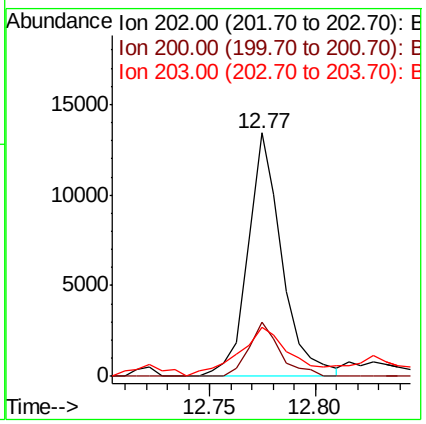


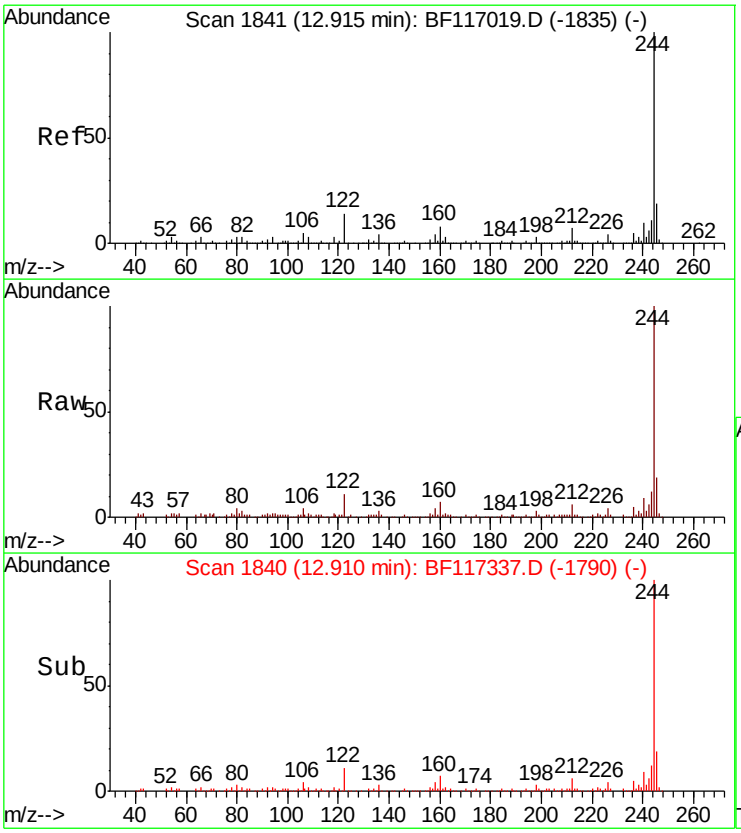
#78
Pyrene
Concen: 2.114 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Instrument :
BNA_F
ClientSampleId :
HR-05-100219

Tgt Ion:202 Resp: 15005

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	20.0	14.0	21.0

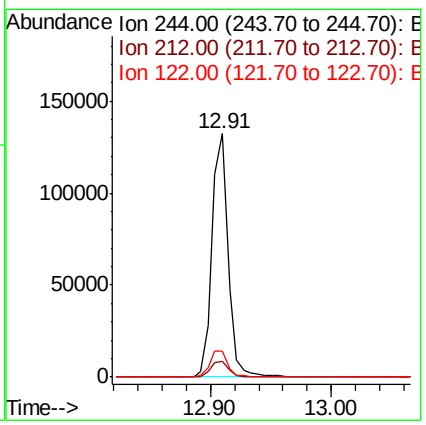


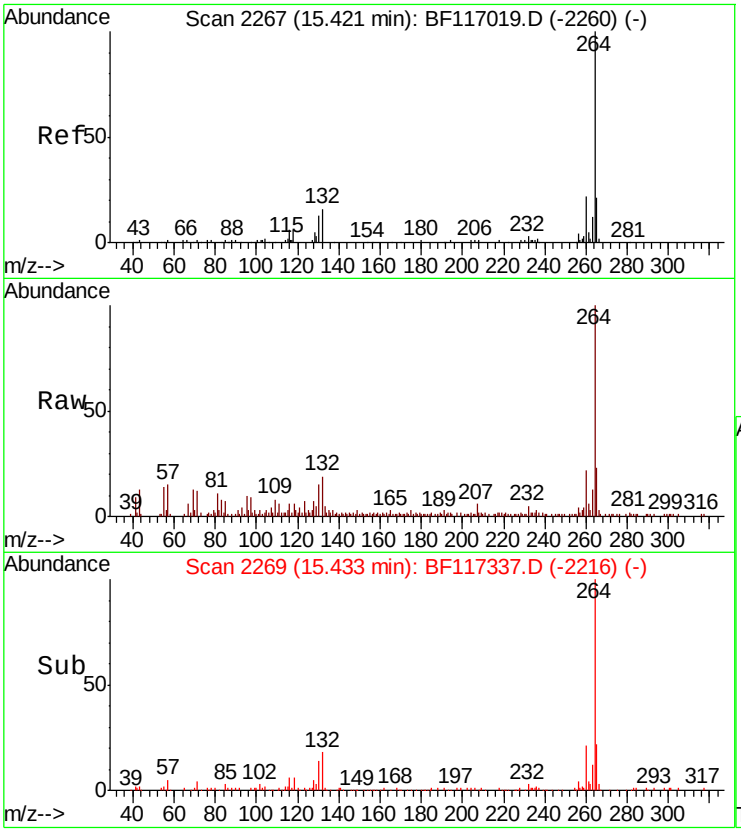


#79
Terphenyl-d14
Concen: 26.767 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Tgt Ion:244 Resp: 121126

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.6	11.3	16.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117337.D
Acq: 4 Oct 2019 00:38

Instrument :
BNA_F
ClientSampleId :
HR-05-100219

Tgt Ion:264 Resp: 63011

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.6	26.4
265	22.5	16.6	24.8