Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117365.D
Acq On : 10 Oct 2019 17:35
Operator : JU
Sample : K5297-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Time: Oct 11 06:38:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	44947	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	175889	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	93546	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	149259	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	88455	20.00	ng	-0.01
87) Perylene-d12	15.42	264	94217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	264236	91.78	ng	0.00
7) Phenol-d6	6.44	99	364956	98.09	ng	-0.01
23) Nitrobenzene-d5	7.36	82	226256	67.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	72436	92.65	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	350003	58.50	ng	-0.01
79) Terphenyl-d14	12.90	244	294830	62.30	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.45	94	10916	2.661	ng	91
50) Dimethylphthalate	9.55	163	71620	10.813	ng	99
71) Phenanthrene	11.34	178	38854	4.583	ng	99
75) Fluoranthene	12.53	202	123542	14.182	ng	97
78) Pyrene	12.76	202	104159	14.034	ng	98
81) Benzo(a)anthracene	13.95	228	41642	7.046	ng	99
83) Chrysene	13.99	228	37521	6.510	ng	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	21495	5.112	ng	98
88) Benzo(b)fluoranthene	15.00	252	44299m	7.762	ng	
89) Benzo(k)fluoranthene	15.03	252	13234m	2.448	ng	
90) Benzo(a)pyrene	15.36	252	30605	6.111	ng	# 95
92) Benzo(g,h,i)perylene	17.31	276	19183	4.825	ng	95

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

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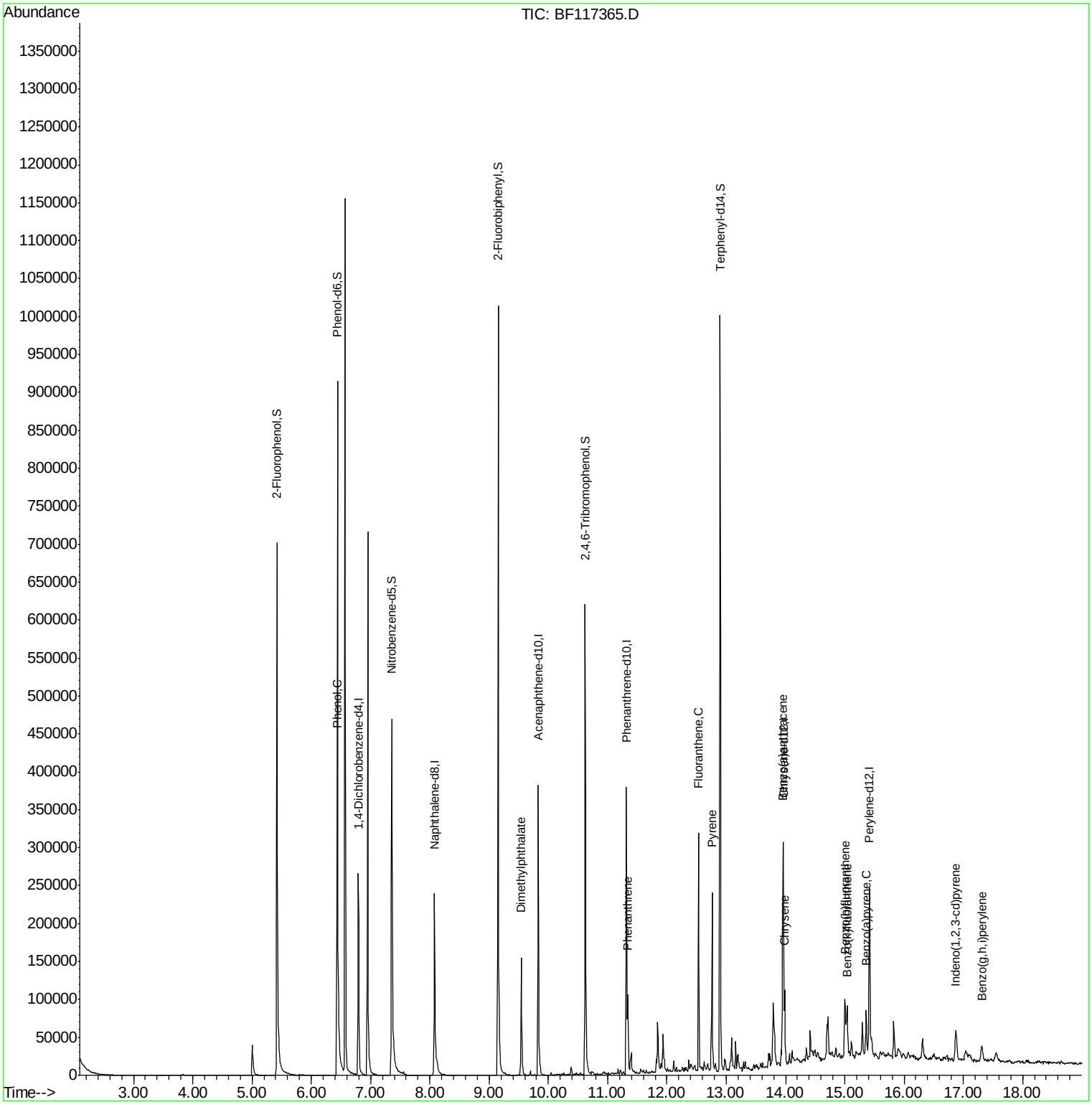
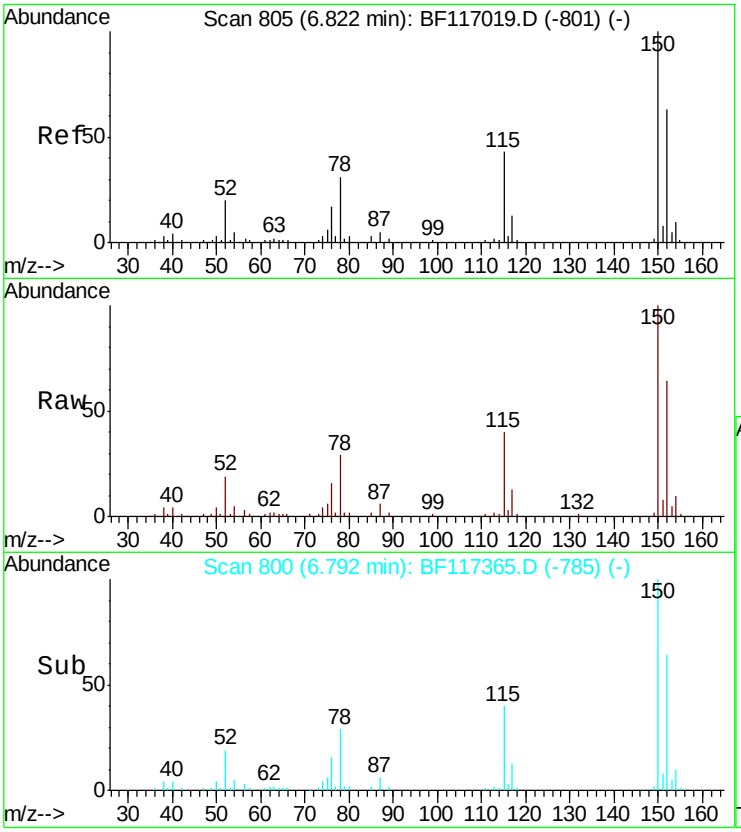


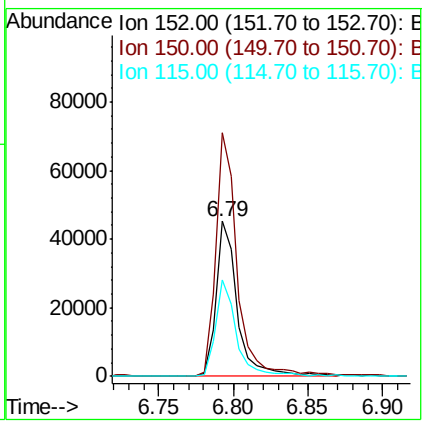


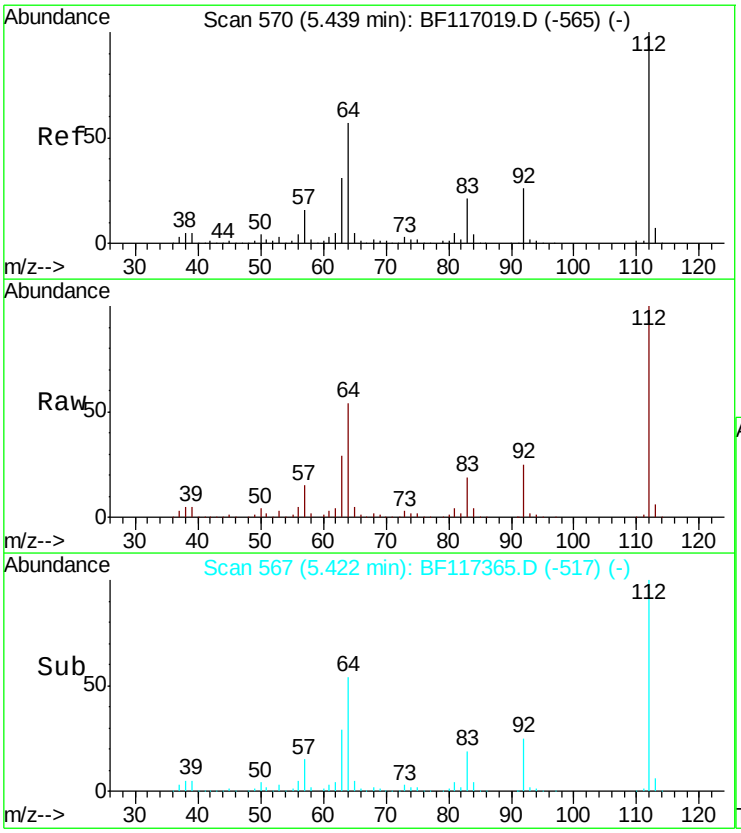
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 44947

Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.5	191.3
115	62.7	55.0	82.4

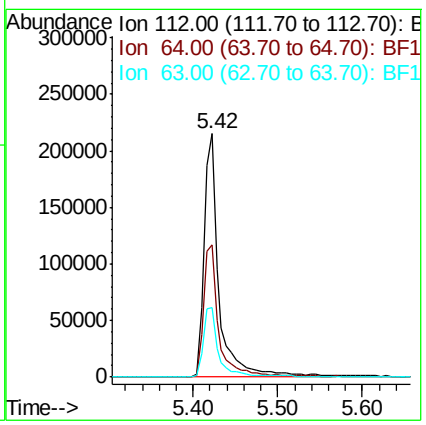


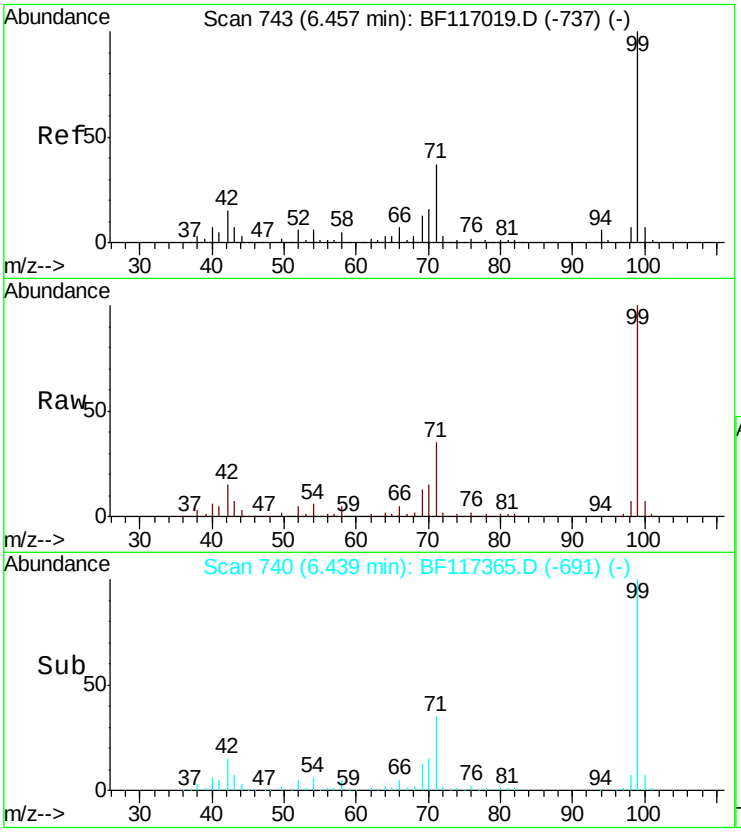


#5
2-Fluorophenol
Concen: 91.783 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion:112 Resp: 264236

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	28.5	24.9	37.3



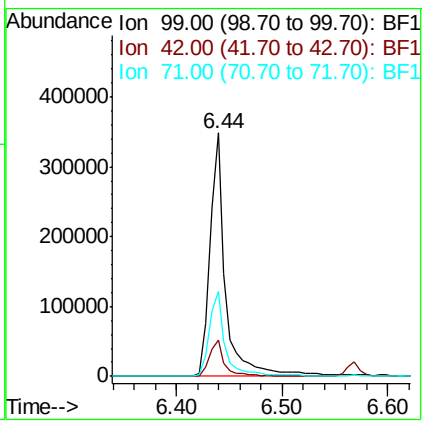


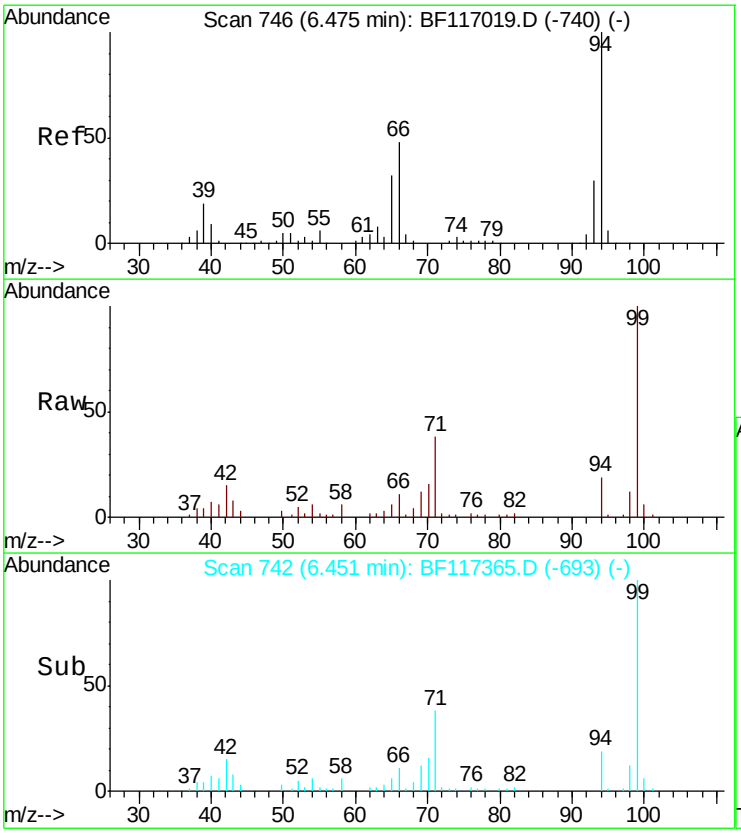
#7
Phenol-d6
Concen: 98.091 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 364956

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.2
71	34.8	29.8	44.8

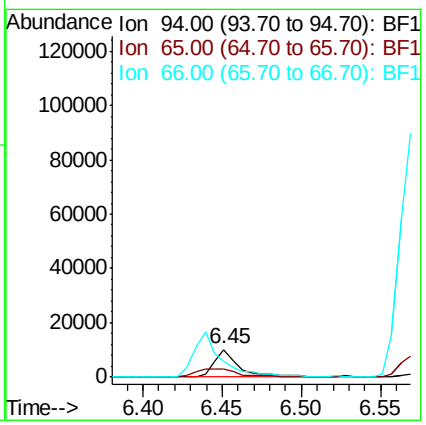


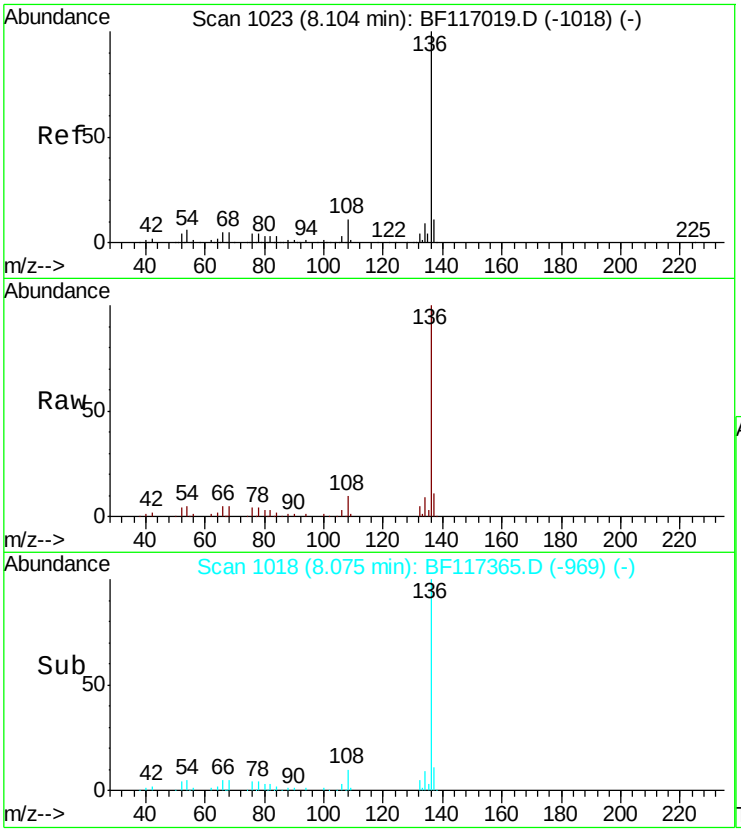


#10
Phenol
Concen: 2.661 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion: 94 Resp: 10916

Ion	Ratio	Lower	Upper
94	100		
65	30.4	12.5	52.5
66	57.4	28.9	68.9



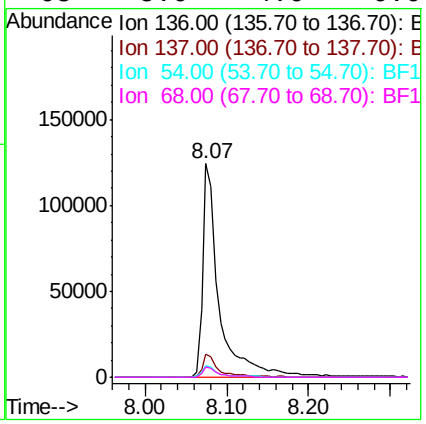


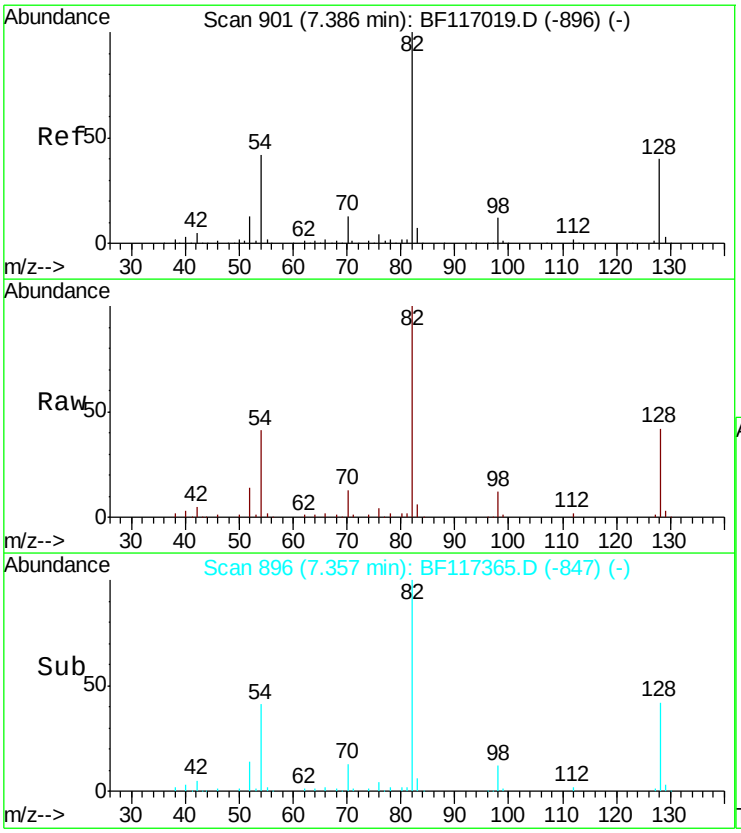
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 175889

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	5.3	4.5	6.7
68	5.0	4.0	6.0

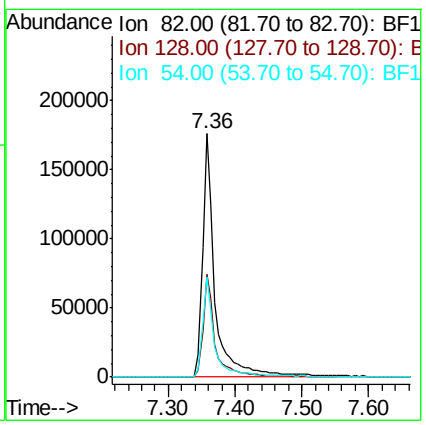


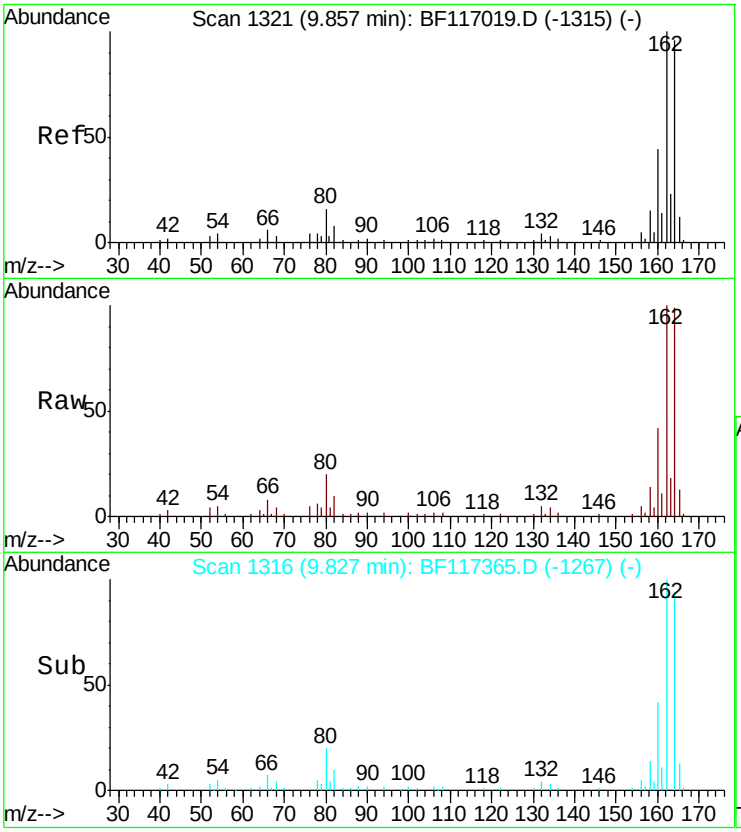


#23
Nitrobenzene-d5
Concen: 67.588 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion: 82 Resp: 226256

Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.3	48.5
54	41.2	33.3	49.9



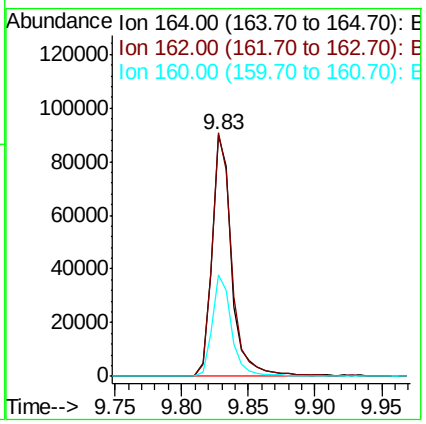


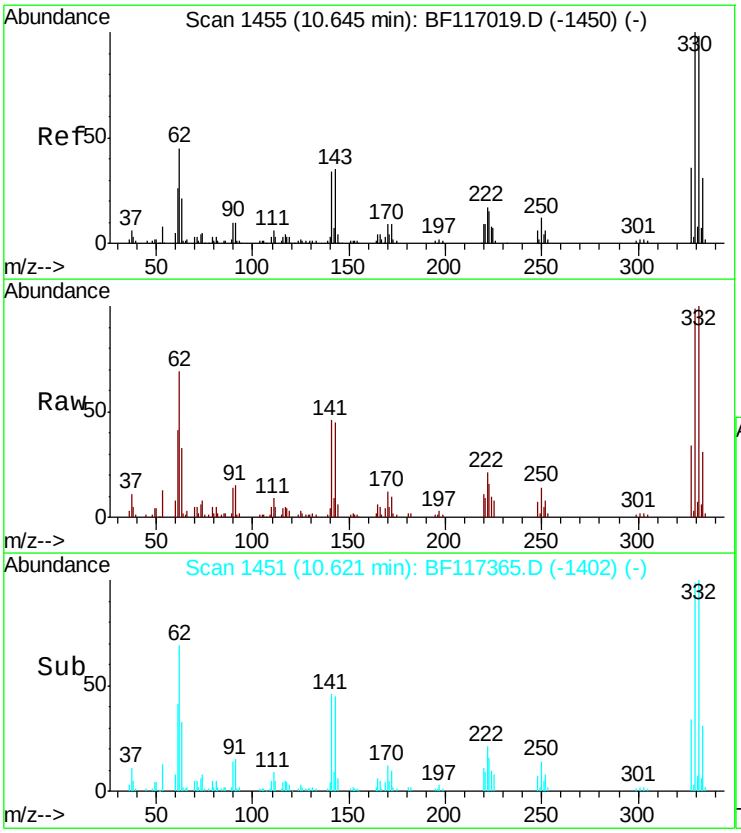
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 93546

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.4	125.2
160	41.9	36.4	54.6

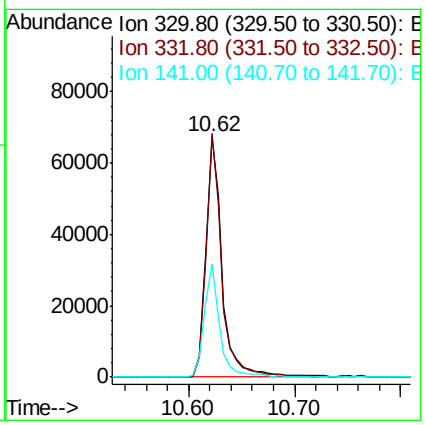


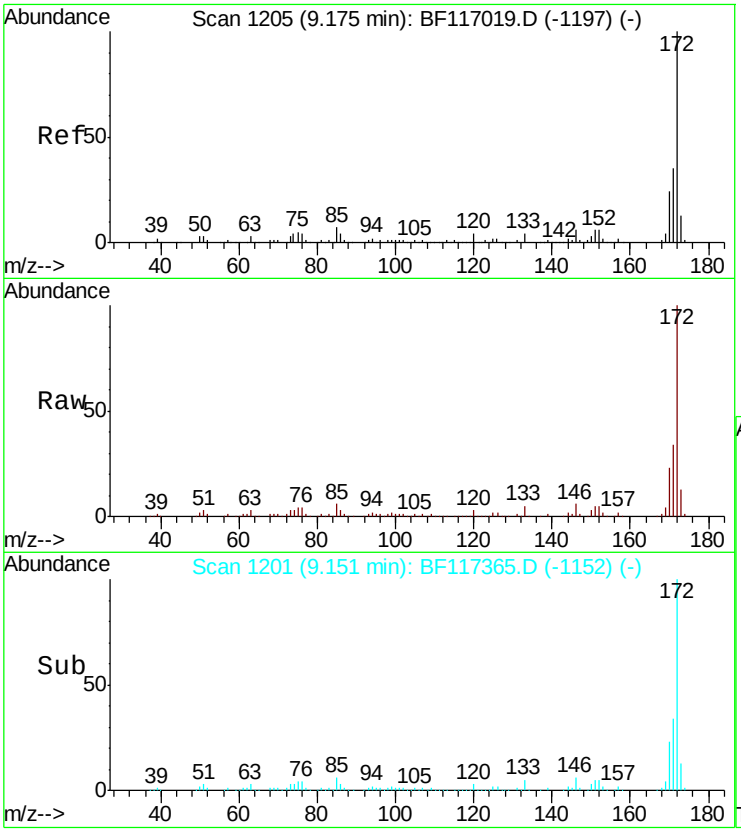


#42
2,4,6-Tribromophenol
Concen: 92.649 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion:330 Resp: 72436

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	44.5	35.8	53.6



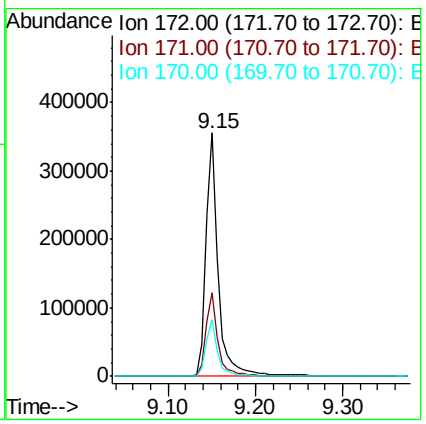


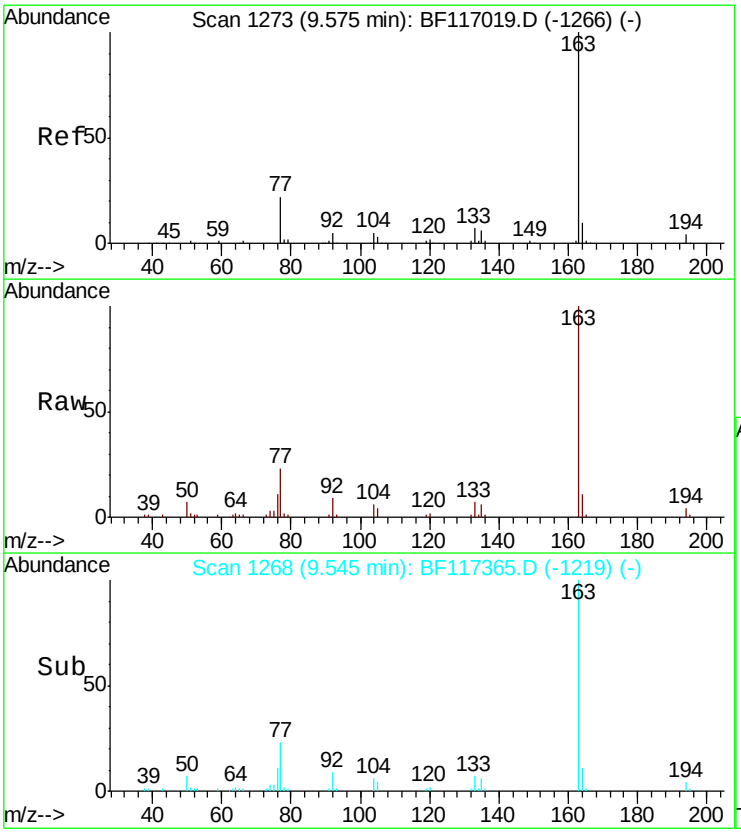
#45
2-Fluorobiphenyl
Concen: 58.501 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 350003

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	23.1	18.9	28.3

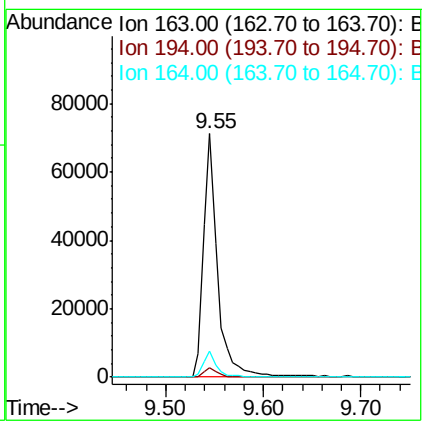


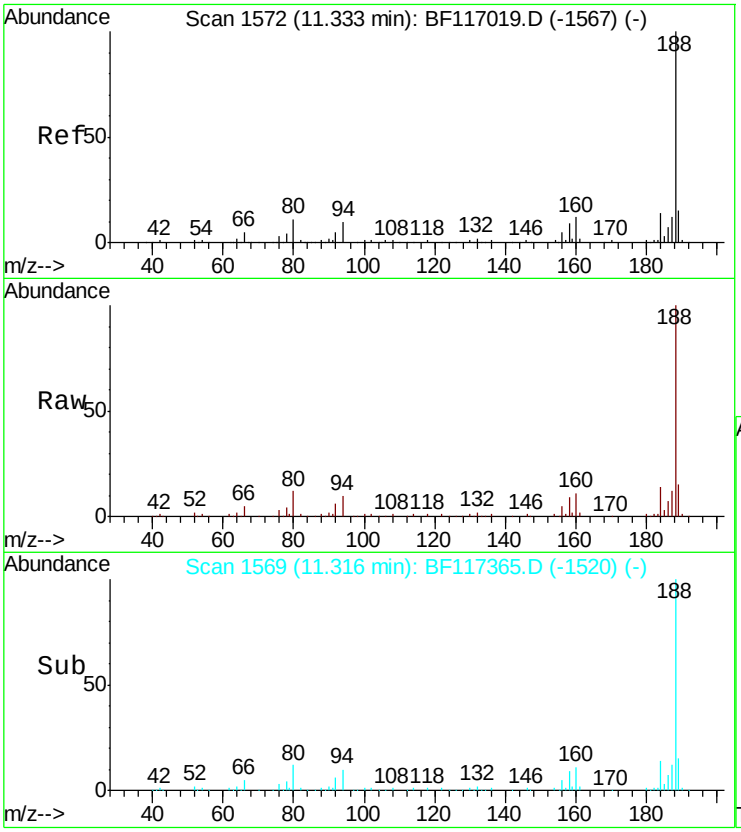


#50
Dimethylphthalate
Concen: 10.813 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion:163 Resp: 71620

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.5	8.2	12.4



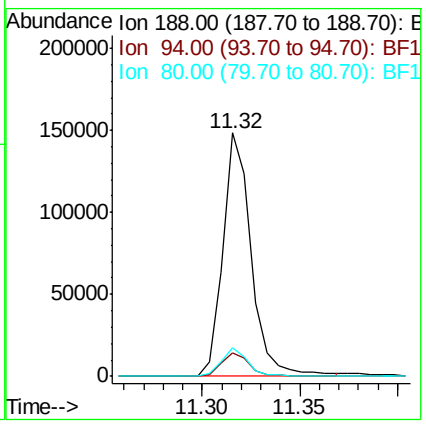


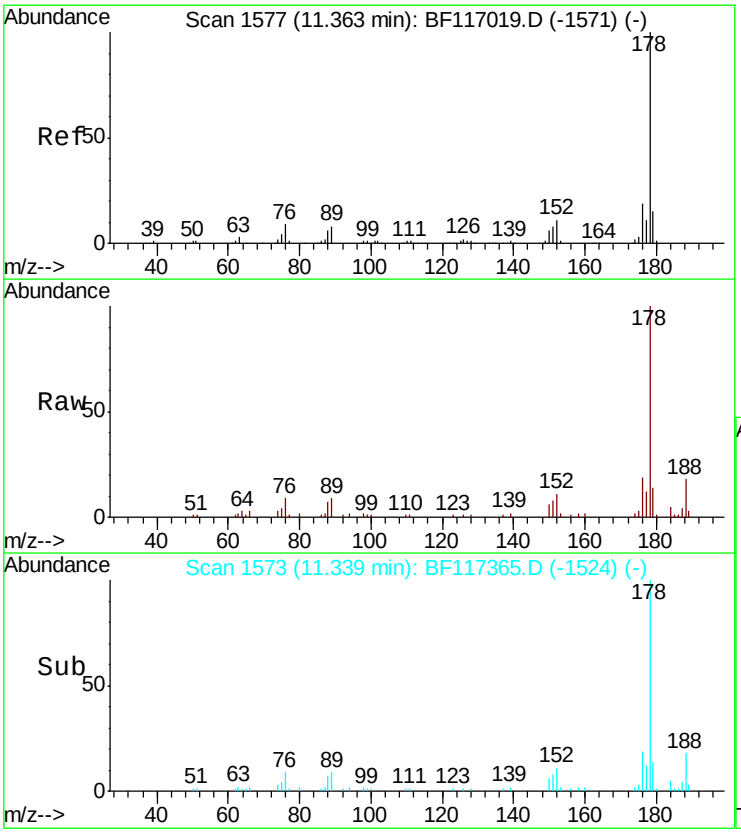
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 149259

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	11.8	9.0	13.6

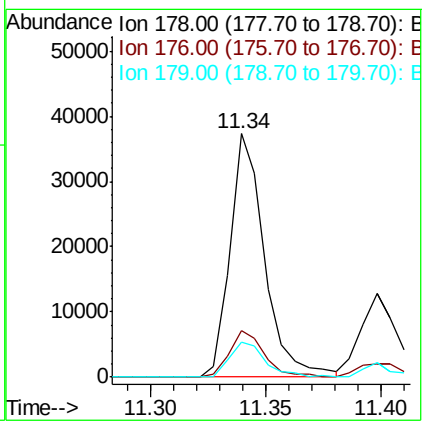


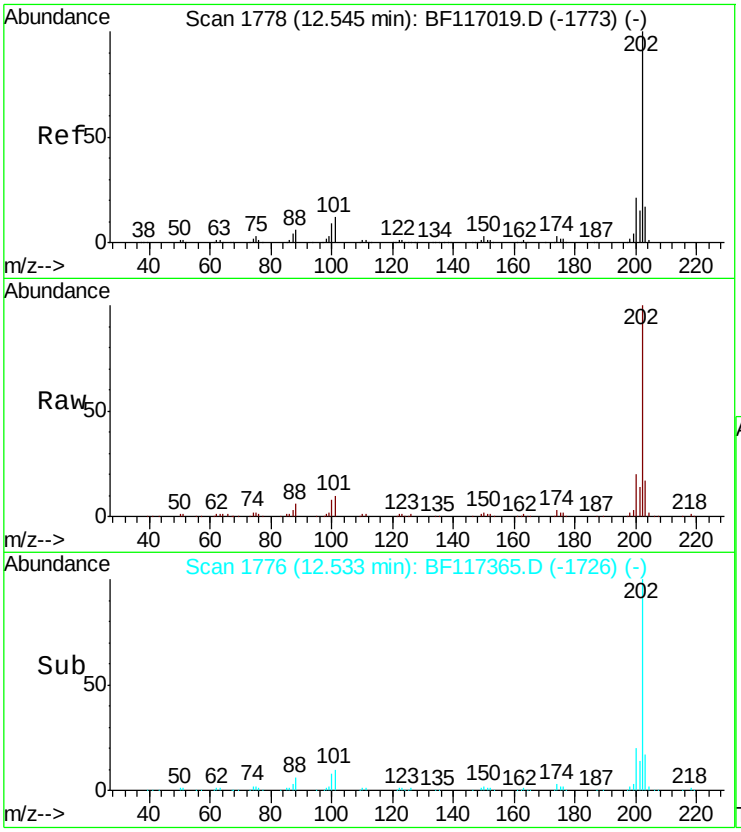


#71
Phenanthrene
Concen: 4.583 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion:178 Resp: 38854

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	14.3	12.4	18.6



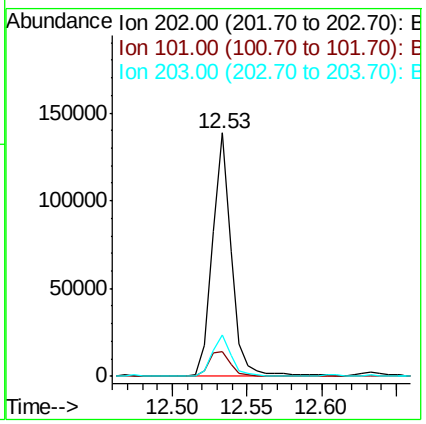


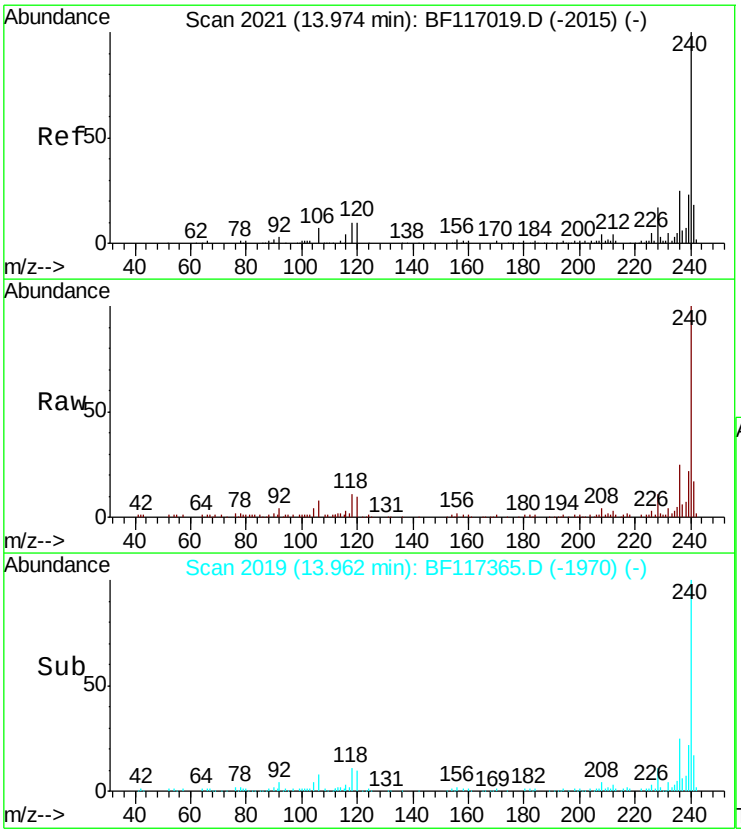
#75
Fluoranthene
Concen: 14.182 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:202 Resp: 123542

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	32.3
203	16.9	0.0	37.1

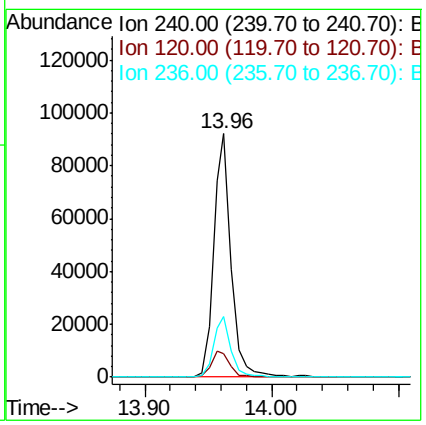


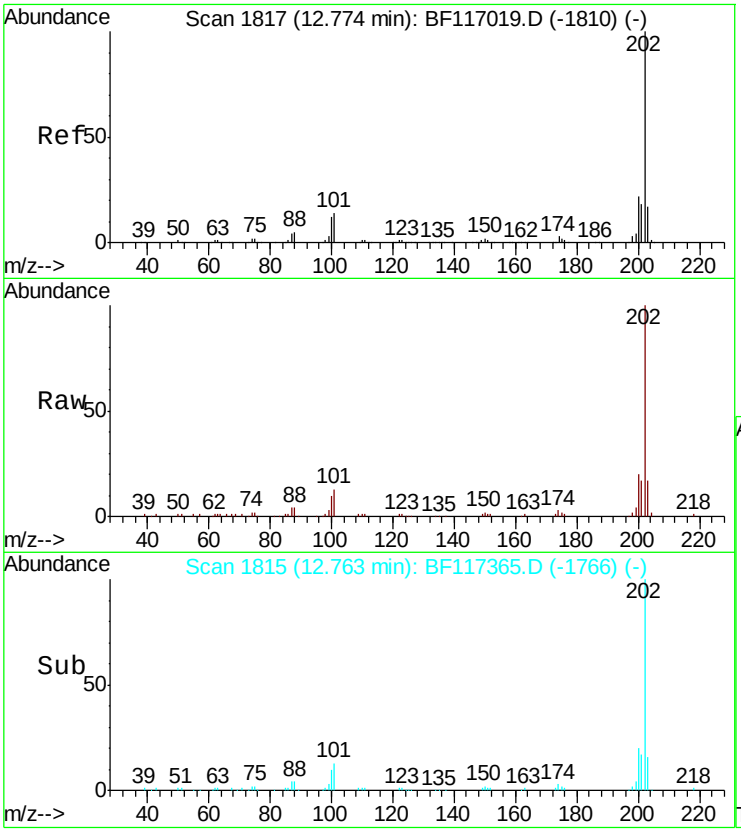


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion:240 Resp: 88455

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	24.7	20.3	30.5



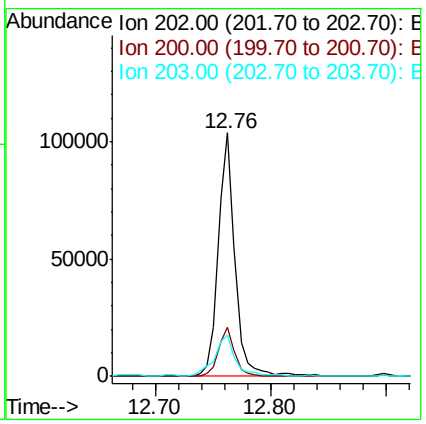


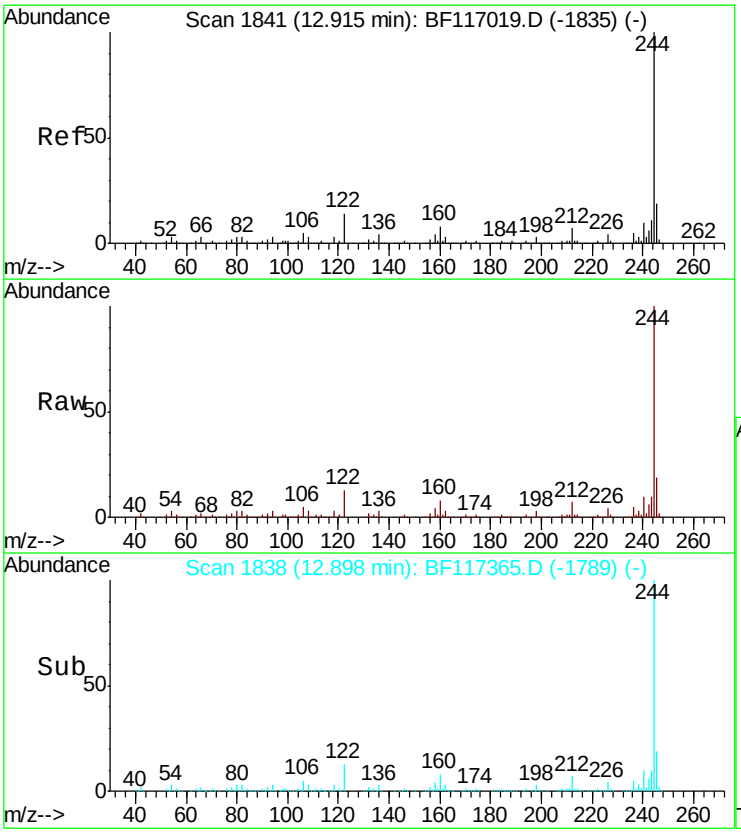
#78
Pyrene
Concen: 14.034 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:202 Resp: 104159

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.2	25.8
203	16.9	14.0	21.0

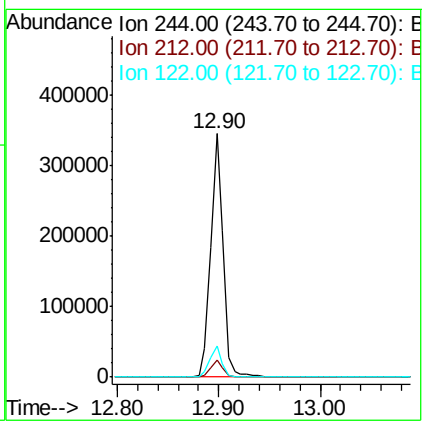


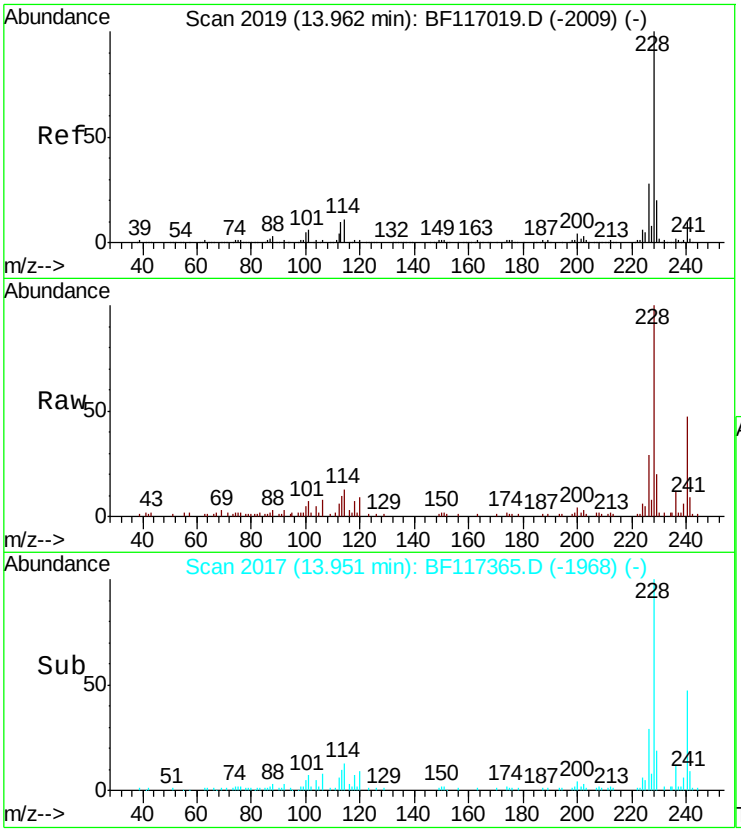


#79
Terphenyl-d14
Concen: 62.303 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion:244 Resp: 294830

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.0	11.3	16.9



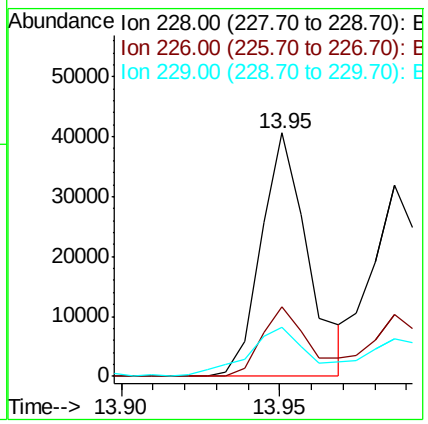


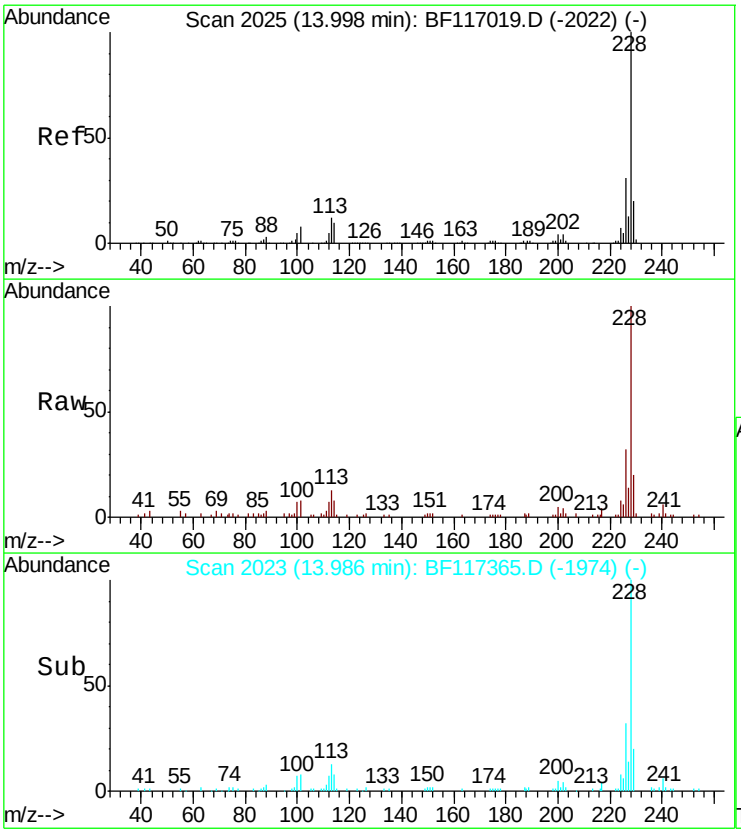
#81
Benzo(a)anthracene
Concen: 7.046 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:228 Resp: 41642

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.4	15.9	23.9

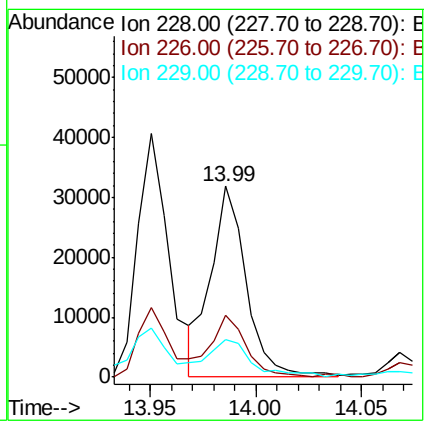


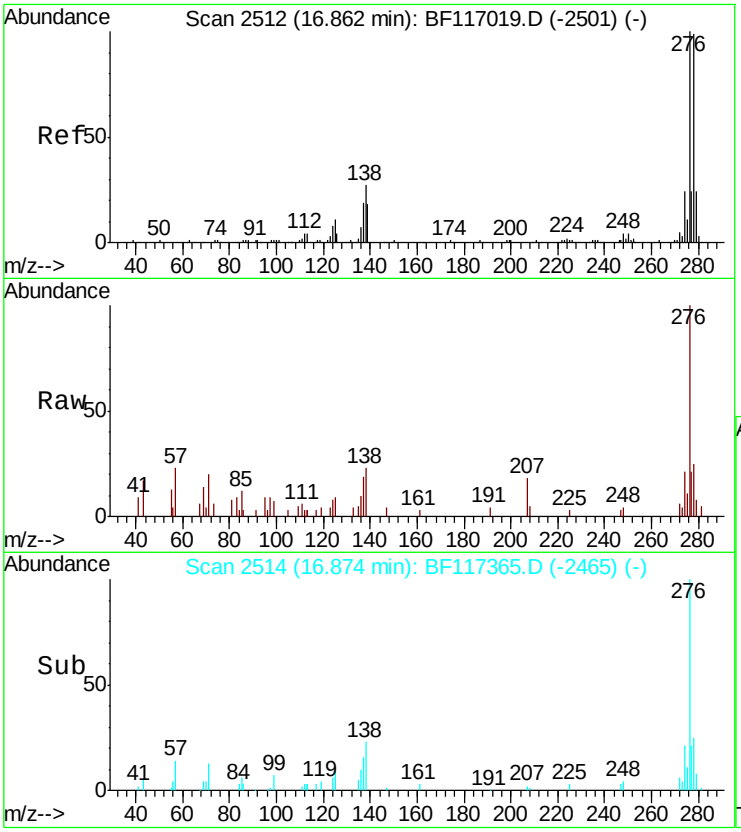


#83
Chrysene
Concen: 6.510 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion:228 Resp: 37521

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.8	37.2
229	19.9	15.8	23.8



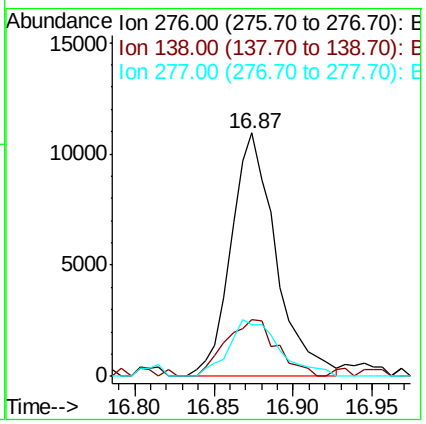


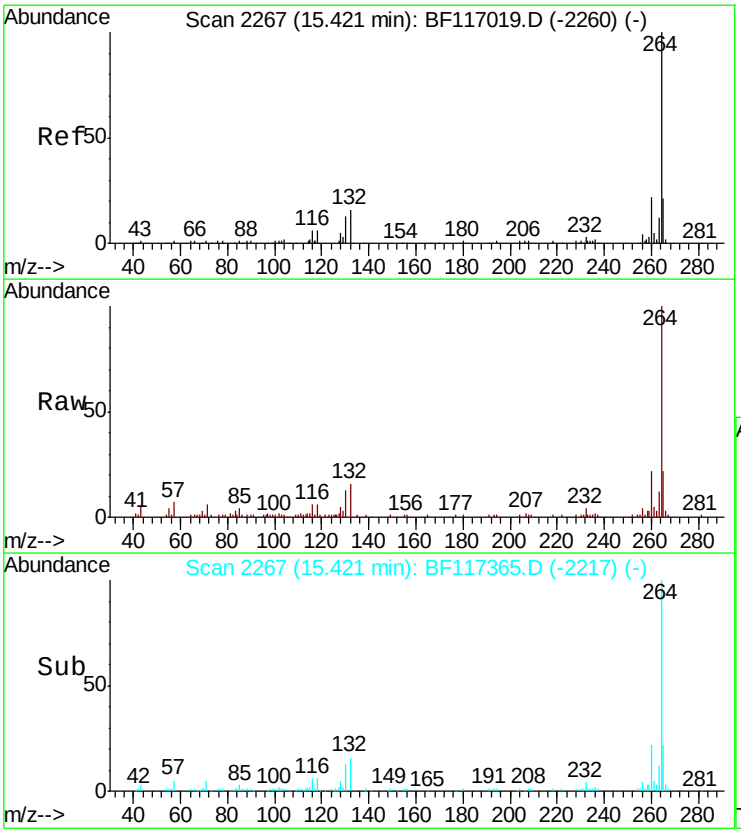
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.112 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:276 Resp: 21495

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.7	31.1
277	26.4	19.8	29.8

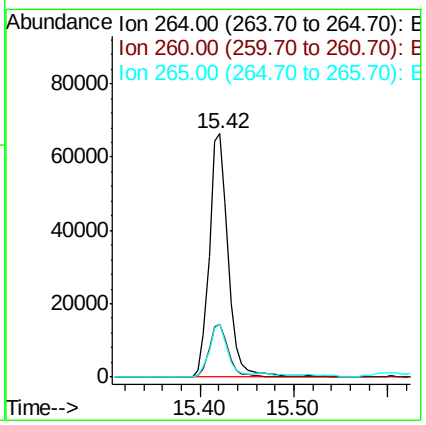


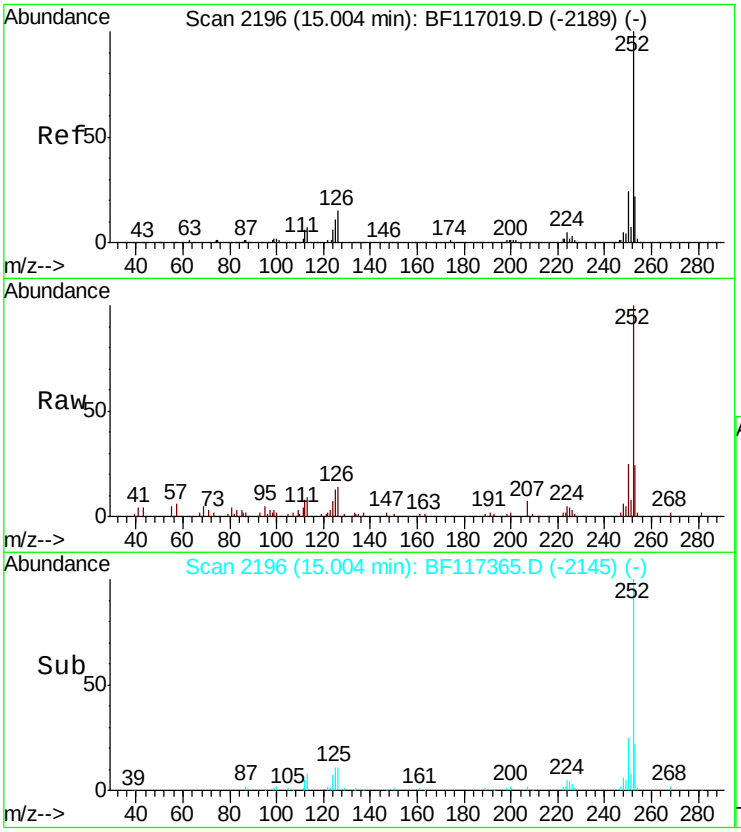


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion:264 Resp: 94217

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.6	26.4
265	21.7	16.6	24.8



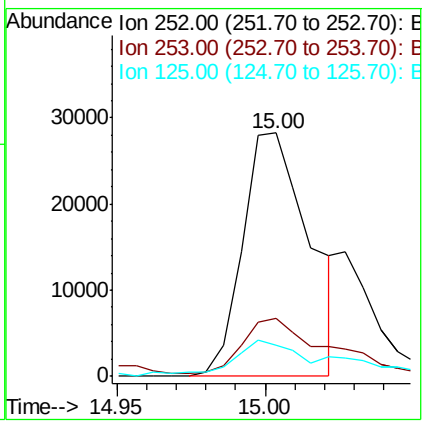


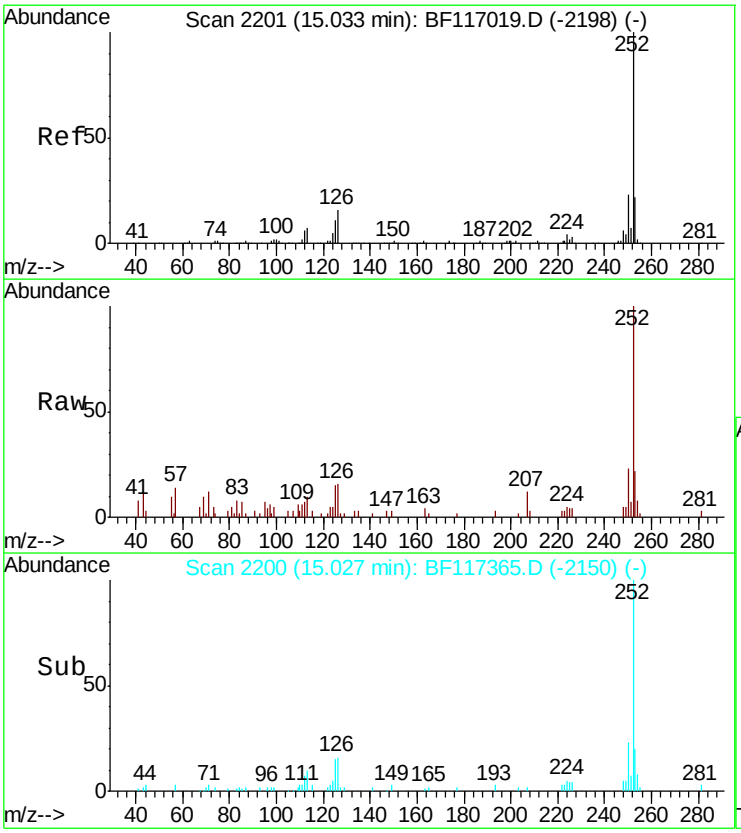
#88
Benzo(b)fluoranthene
Concen: 7.762 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 44299

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	12.6	8.6	12.8

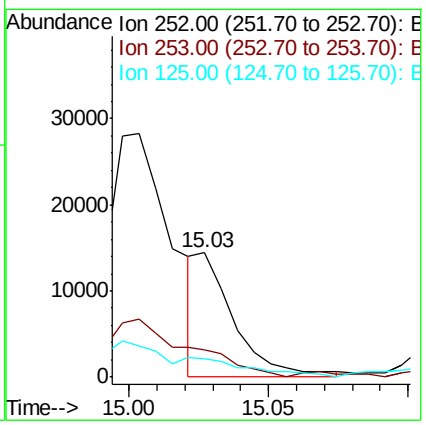


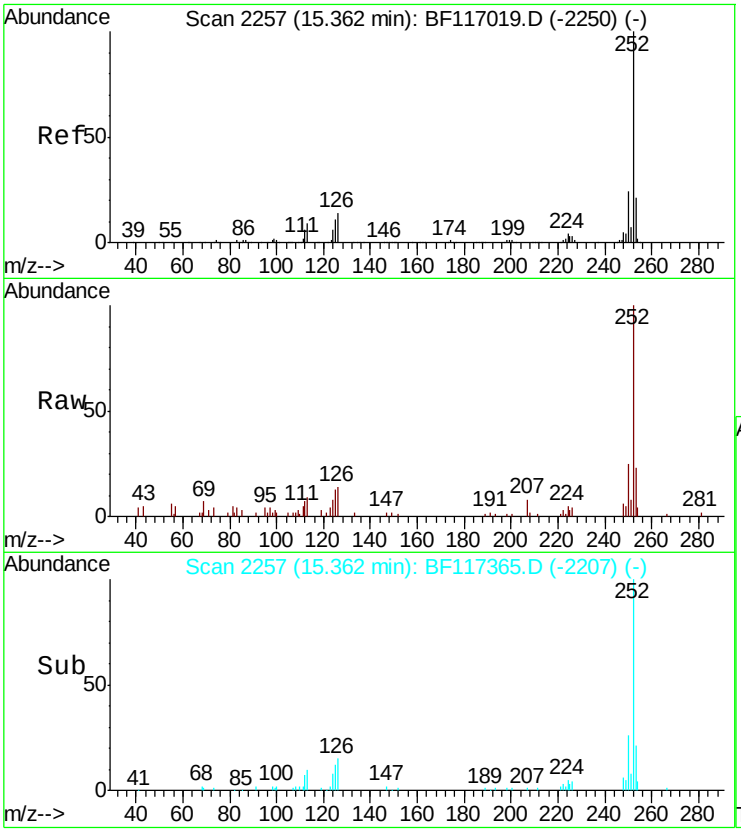


#89
Benzo(k)fluoranthene
Concen: 2.448 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion:252 Resp: 13234

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	14.8	8.8	13.2#



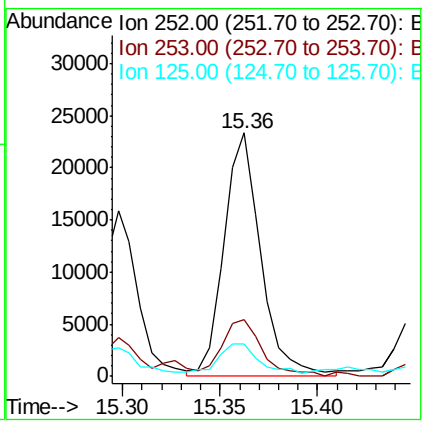


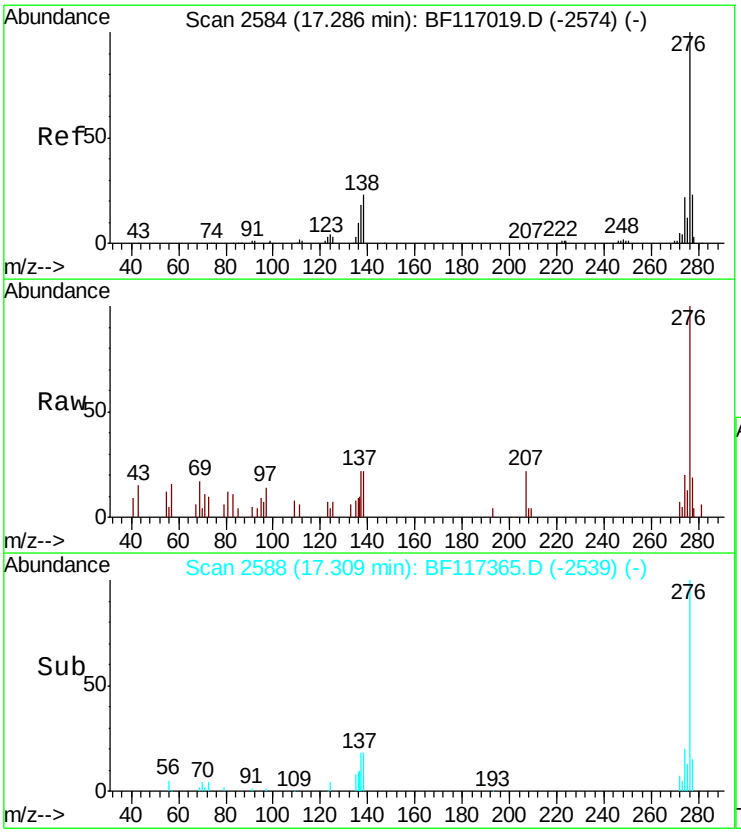
#90
Benzo(a)pyrene
Concen: 6.111 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 30605

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.6	25.0
125	13.4	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 4.825 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF117365.D
Acq: 10 Oct 2019 17:35

Tgt Ion:276 Resp: 19183

Ion	Ratio	Lower	Upper
276	100		
277	19.2	18.6	27.8
138	22.2	18.0	27.0