Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099507.D
Acq On : 2 May 2019 23:31
Operator : JU/SJ
Sample : K2589-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-B185-042419

Quant Time: May 03 02:11:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	2179	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	8052	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	6266	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	19756	0.40	ng		0.00
27) Chrysene-d12	21.37	240	26129	0.40	ng		0.00
34) Perylene-d12	23.87	264	30012	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1354	0.22	ng		0.00
5) Phenol-d6	6.96	99	1919	0.24	ng		-0.01
8) Nitrobenzene-d5	8.96	82	1550	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	2971	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	933	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	4534	0.19	ng		-0.01
25) Fluoranthene-d10	19.22	212	51679	0.19	ng		0.00
29) Terphenyl-d14	19.82	244	10355	0.22	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	14.18	152	621	0.020	ng	#	87
22) Pentachlorophenol	16.85	266	42	0.222	ng	#	64
23) Phenanthrene	17.23	178	5477	0.107	ng		97
26) Fluoranthene	19.25	202	14269	0.187	ng		99
28) Pyrene	19.62	202	14770	0.217	ng		97
30) Benzo(a)anthracene	21.35	228	8114	0.097	ng	#	91
31) Chrysene	21.40	228	8661	0.106	ng		95
33) Indeno(1,2,3-cd)pyrene	26.51	276	5700	0.059	ng		100
35) Benzo(b)fluoranthene	23.10	252	11884	0.137	ng	#	78
36) Benzo(k)fluoranthene	23.10	252	11884	0.142	ng	#	79
37) Benzo(a)pyrene	23.75	252	8123	0.099	ng	#	80
39) Benzo(g,h,i)perylene	27.34	276	5726	0.068	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
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Misc :
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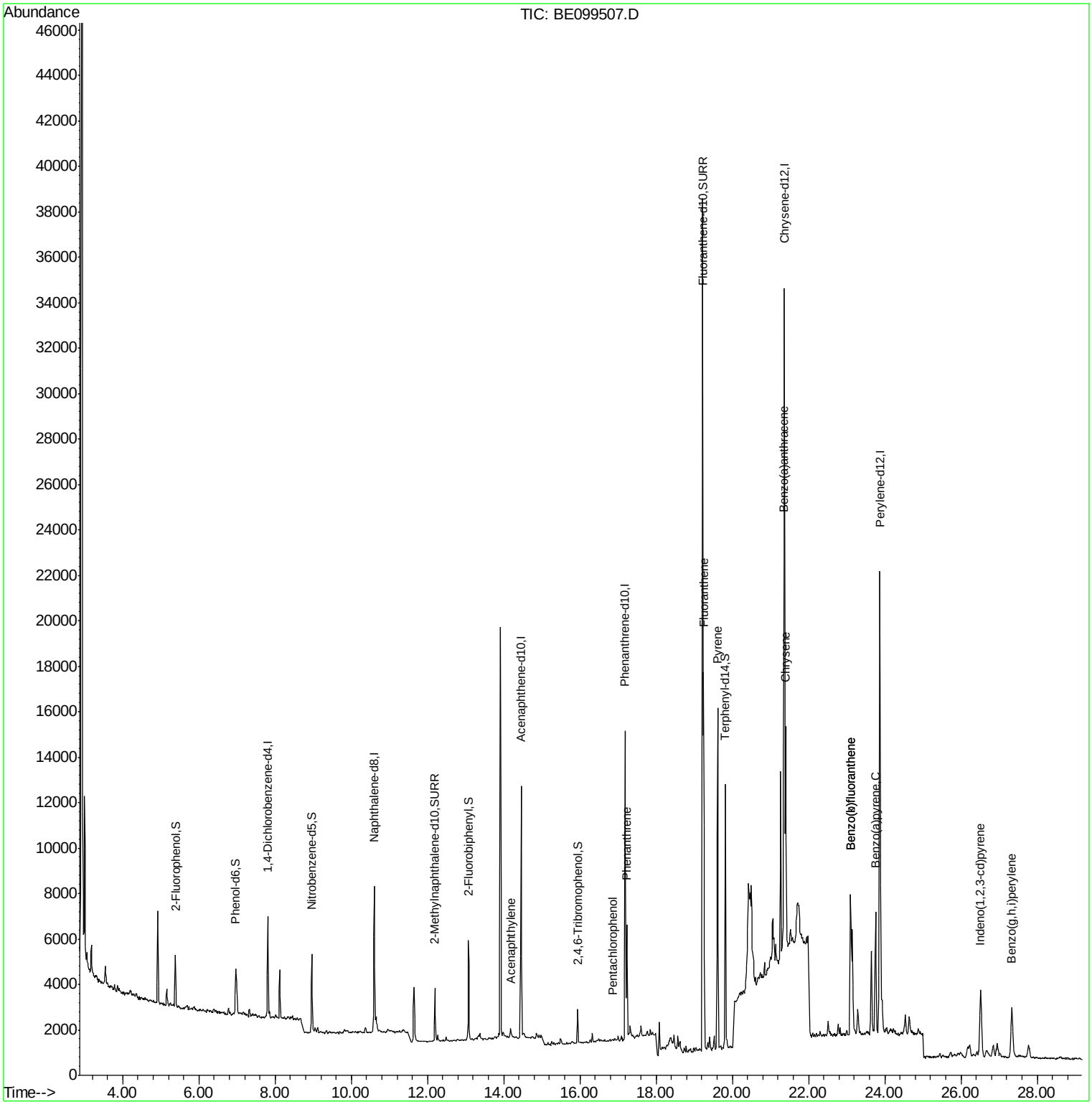
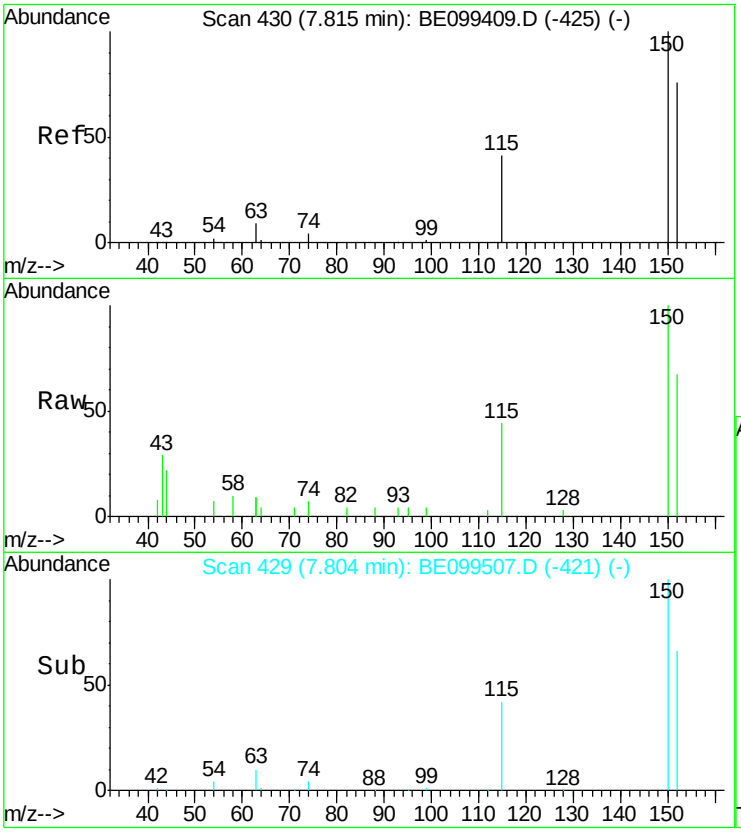
Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Quant Time: May 03 02:11:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



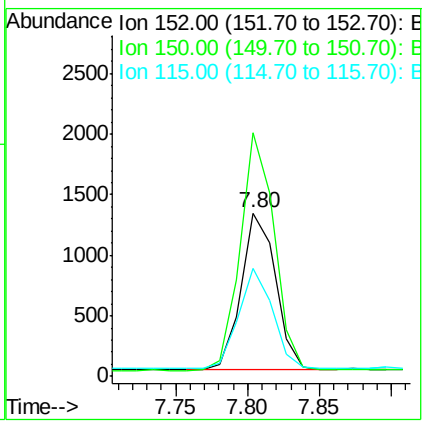


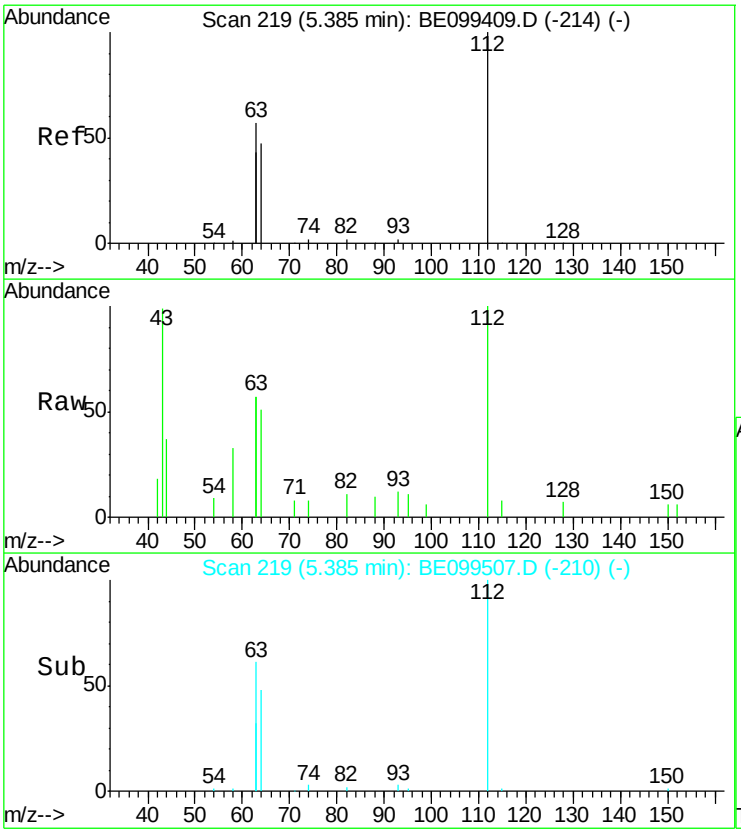
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:152 Resp: 2179

Ion	Ratio	Lower	Upper
152	100		
150	149.0	104.8	157.2
115	66.2	46.6	69.8

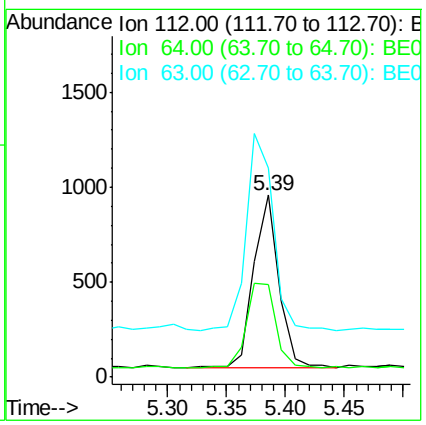


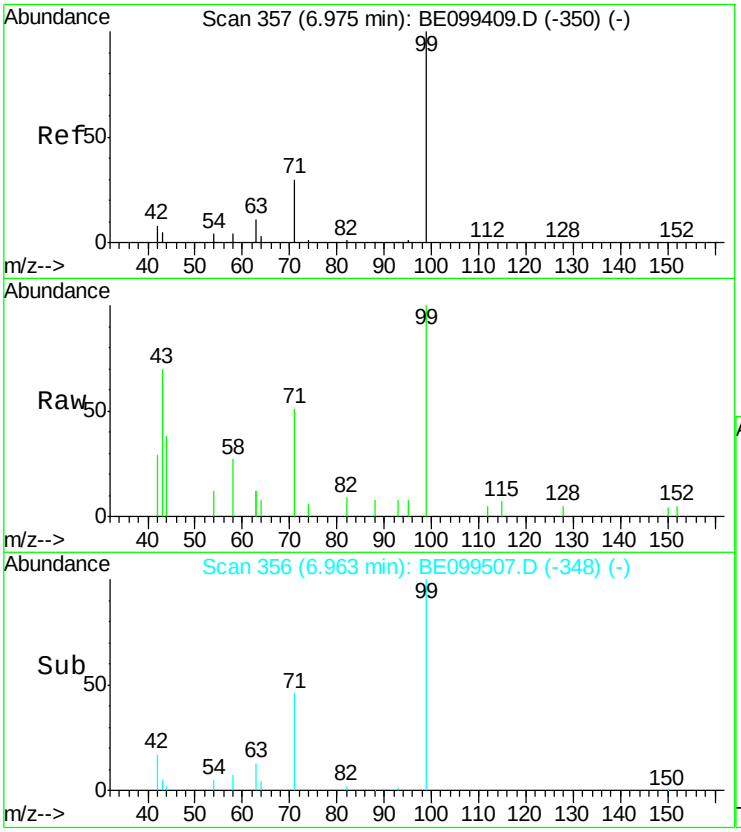


#4
2-Fluorophenol
Concen: 0.225 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:112 Resp: 1354

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.4	71.0
63	124.2	104.3	156.5



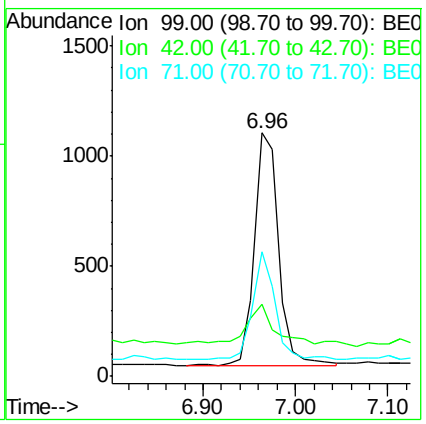


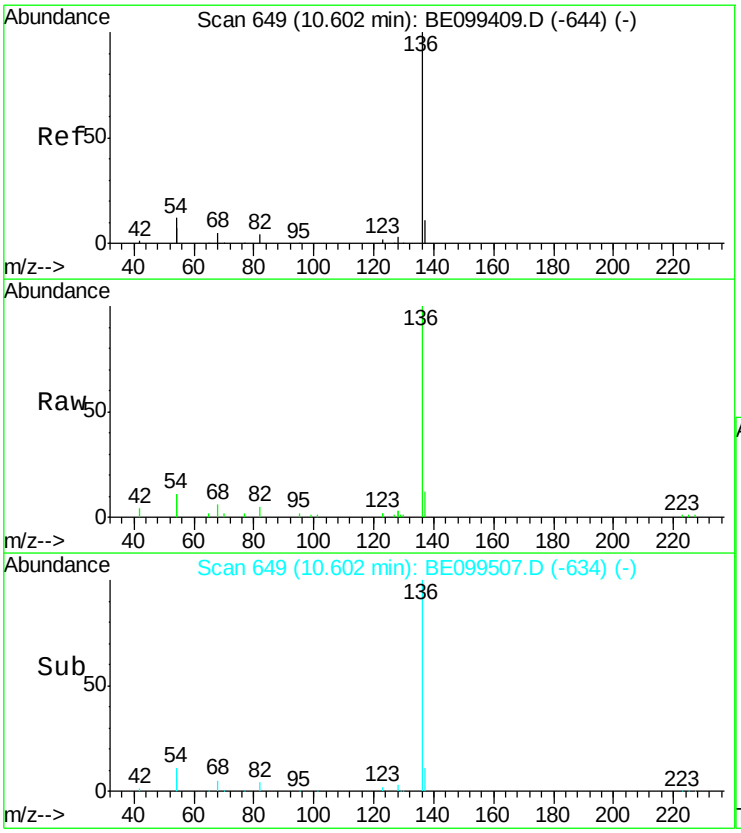
#5
Phenol-d6
Concen: 0.239 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion: 99 Resp: 1919

Ion	Ratio	Lower	Upper
99	100		
42	24.9	14.9	22.3#
71	43.5	33.0	49.6

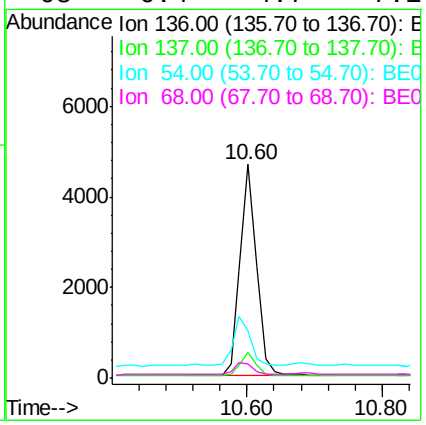


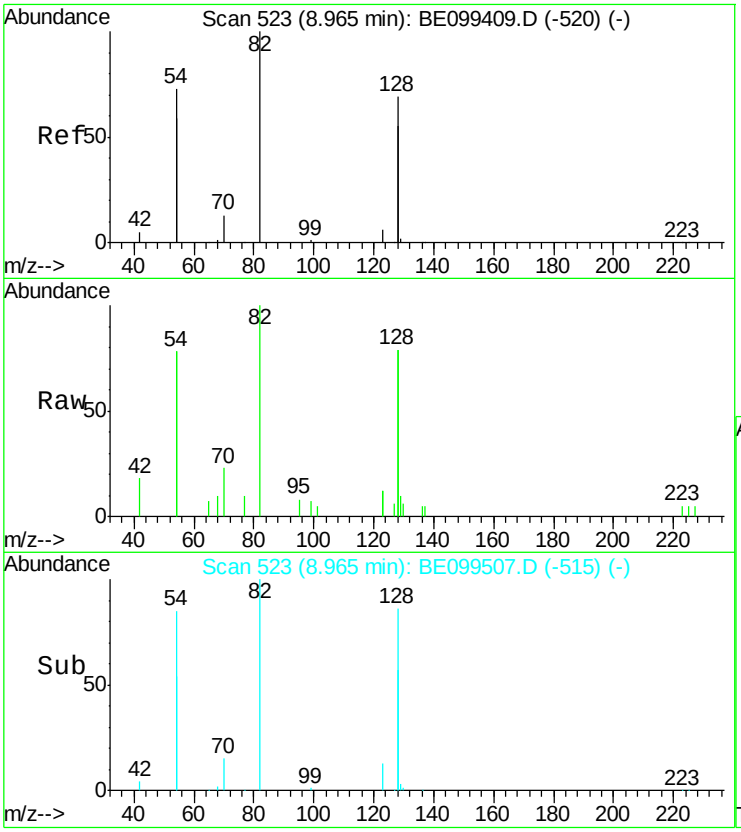


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:136 Resp: 8052

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.8
54	22.3	18.5	27.7
68	6.4	4.7	7.1



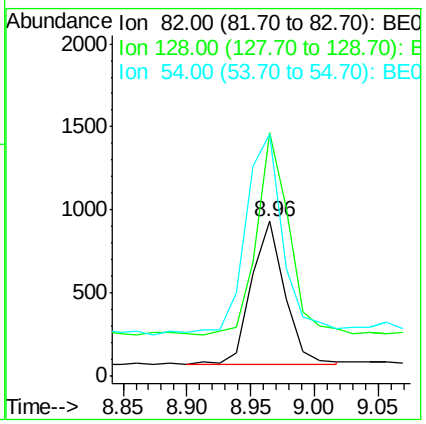


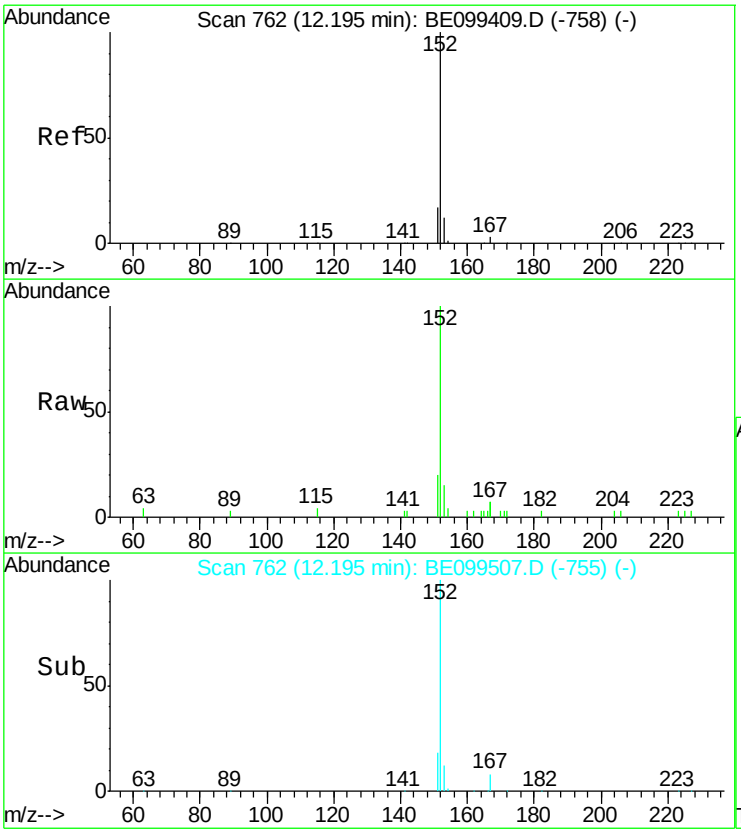
#8
Nitrobenzene-d5
Concen: 0.205 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion: 82 Resp: 1550

Ion	Ratio	Lower	Upper
82	100		
128	157.3	107.0	160.4
54	156.4	113.1	169.7

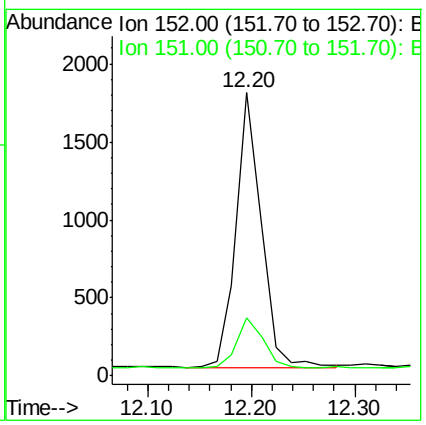


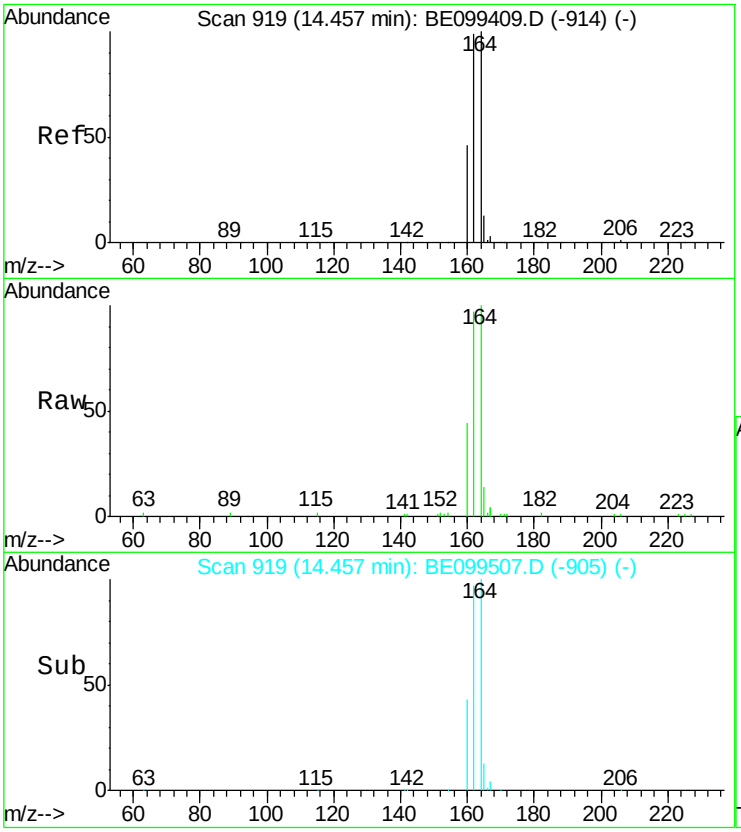


#11
2-Methylnaphthalene-d10
Concen: 0.205 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:152 Resp: 2971

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3



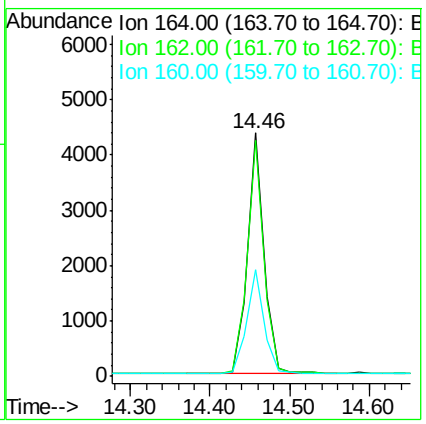


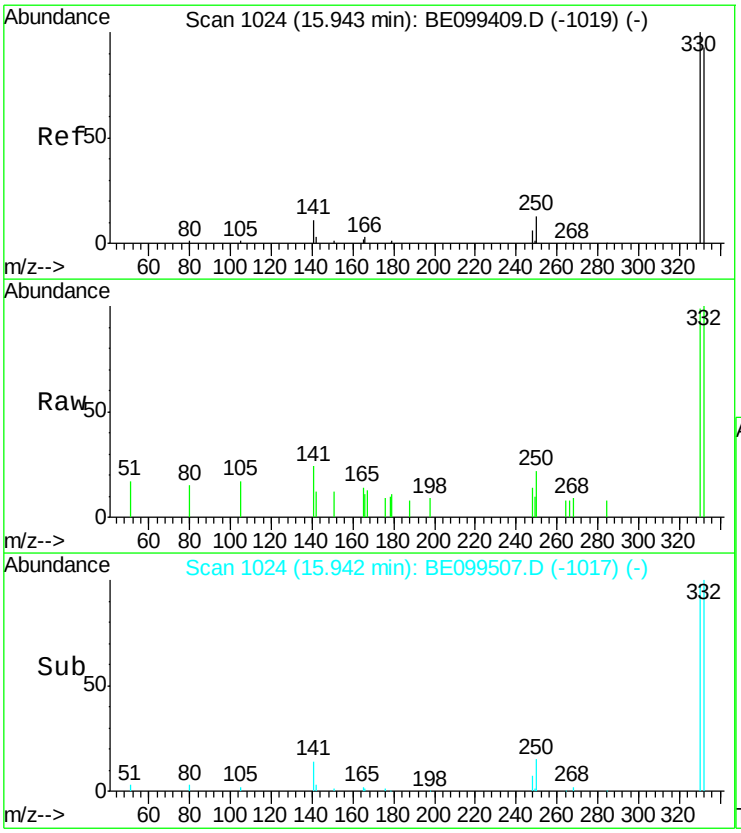
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:164 Resp: 6266

Ion	Ratio	Lower	Upper
164	100		
162	97.0	79.0	118.4
160	43.6	37.0	55.4

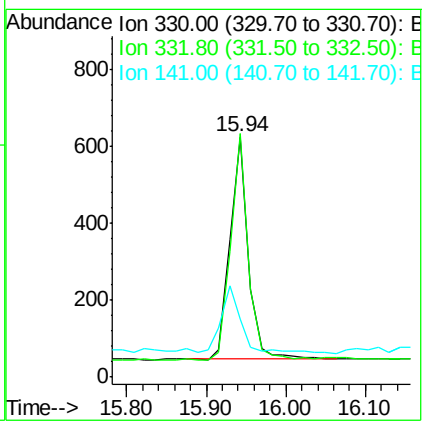


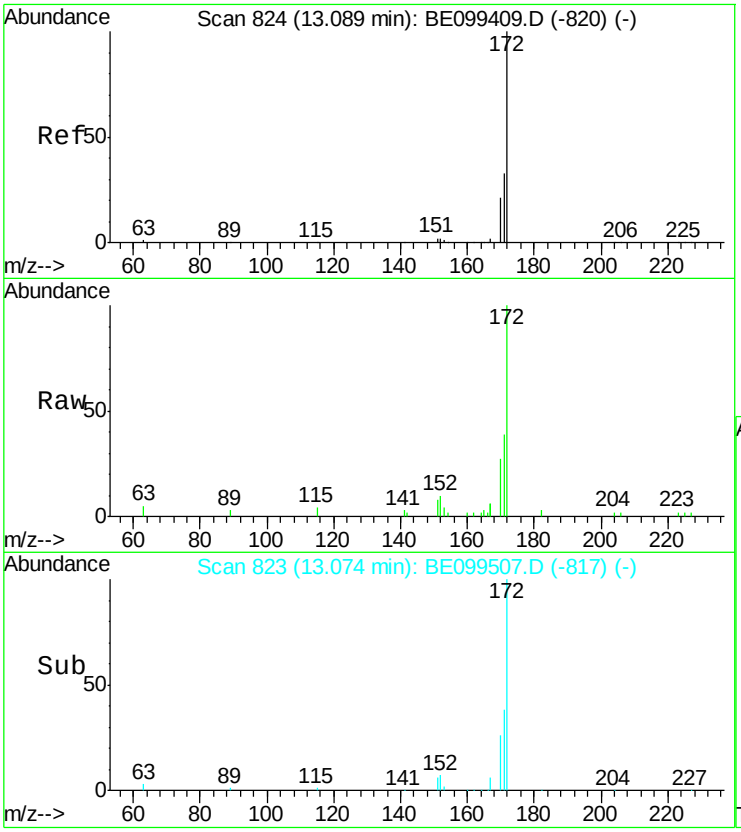


#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:330 Resp: 933

Ion	Ratio	Lower	Upper
330	100		
332	97.6	71.5	107.3
141	34.9	24.0	36.0



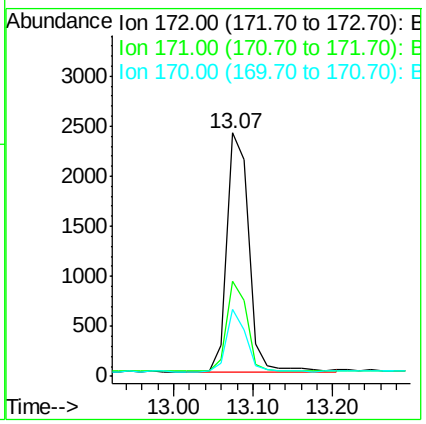


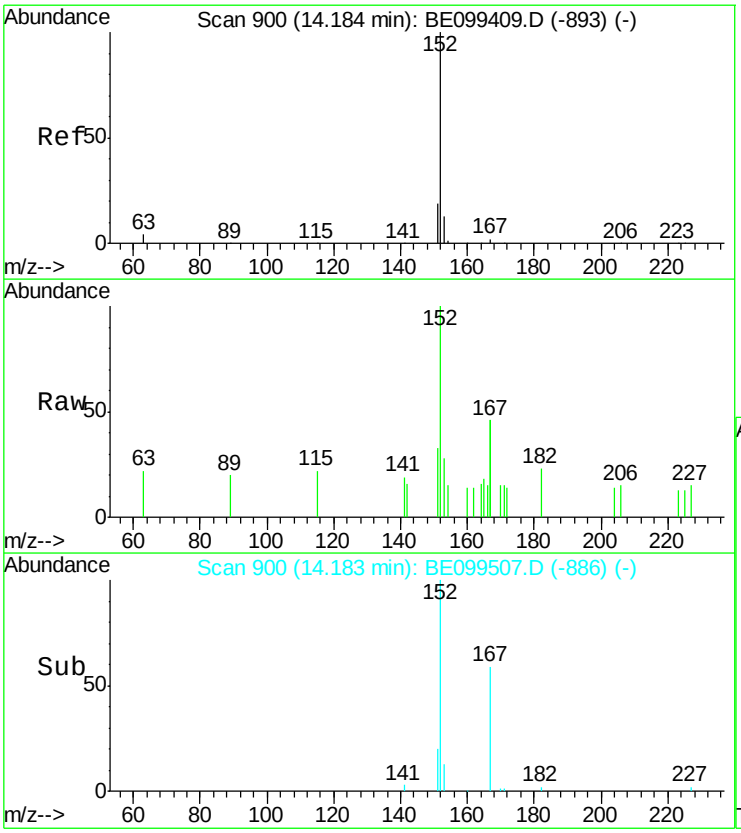
#15
2-Fluorobiphenyl
Concen: 0.190 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:172 Resp: 4534

Ion	Ratio	Lower	Upper
172	100		
171	39.0	26.6	39.8
170	27.5	17.0	25.6#

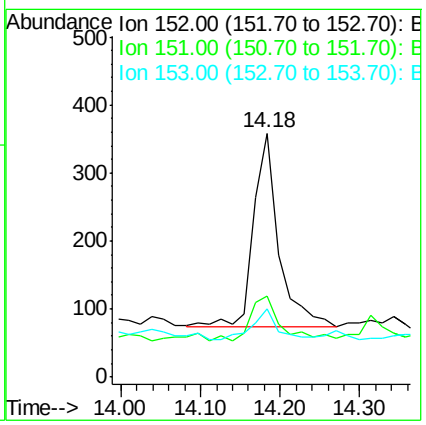


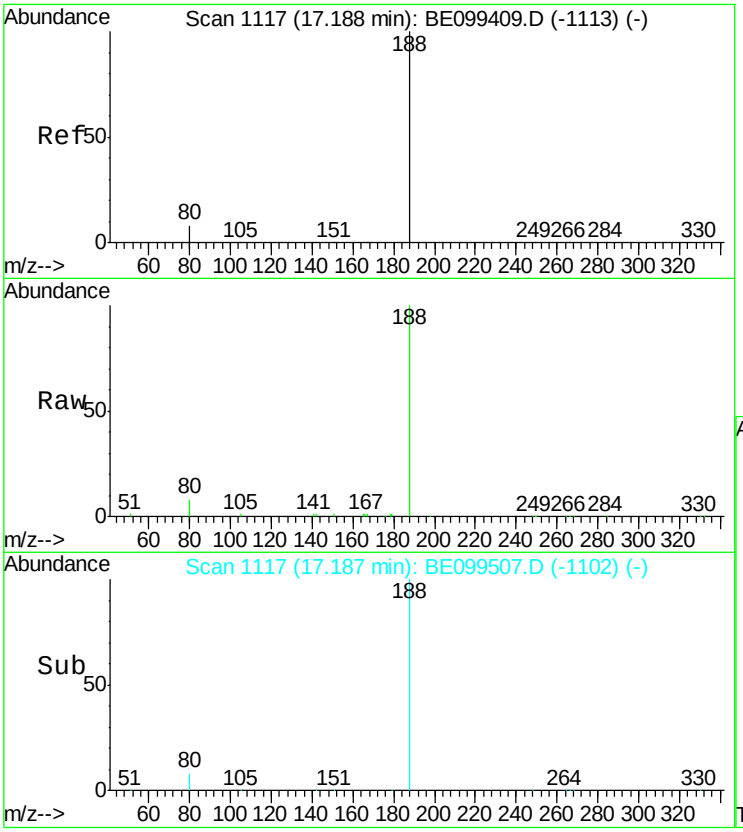


#16
Acenaphthylene
Concen: 0.020 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:152 Resp: 621

Ion	Ratio	Lower	Upper
152	100		
151	26.6	15.4	23.2#
153	15.8	9.8	14.6#



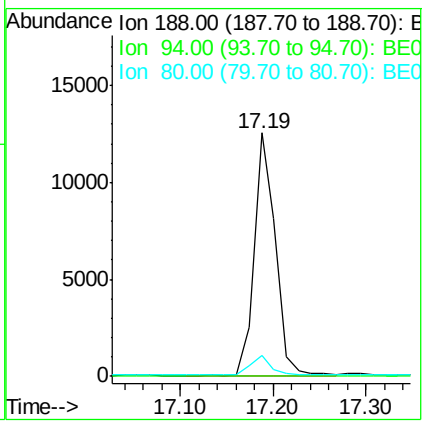


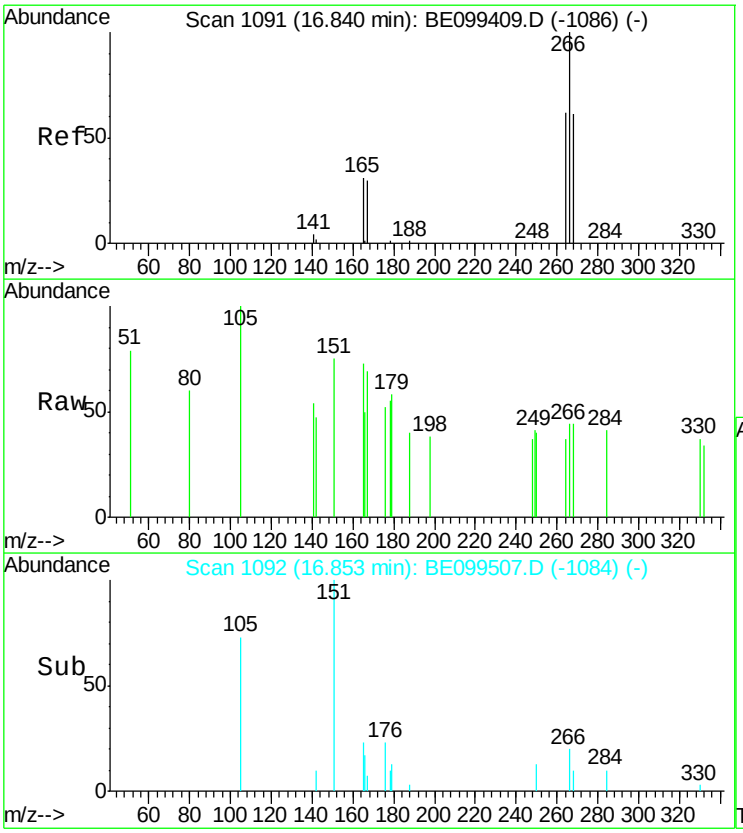
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:188 Resp: 19756

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.7	10.1

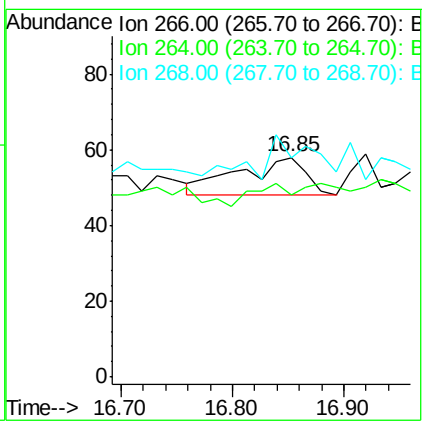


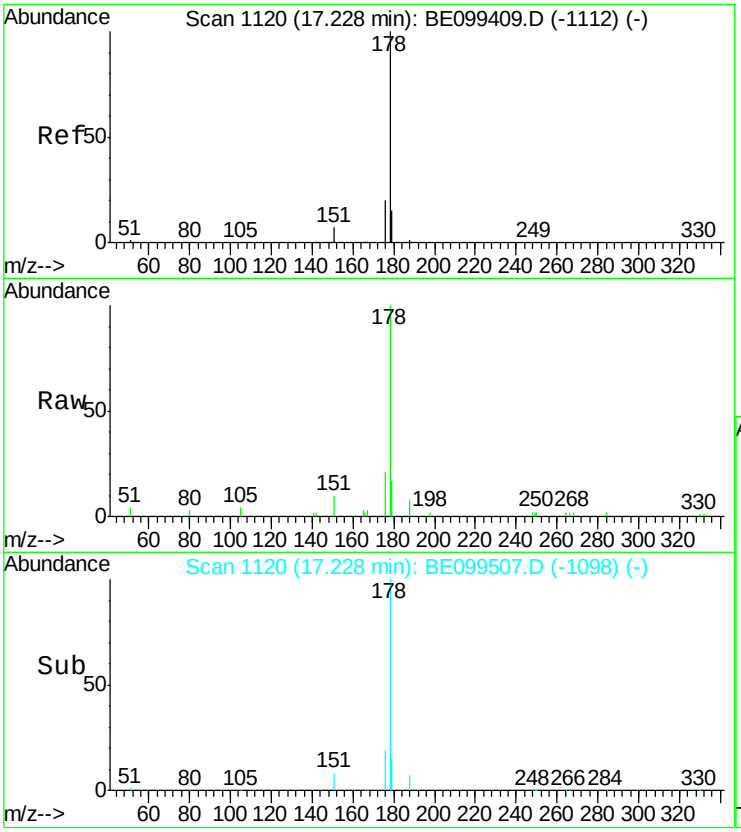


#22
Pentachlorophenol
Concen: 0.222 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:266 Resp: 42

Ion	Ratio	Lower	Upper
266	100		
264	82.8	50.8	76.2#
268	100.0	50.5	75.7#



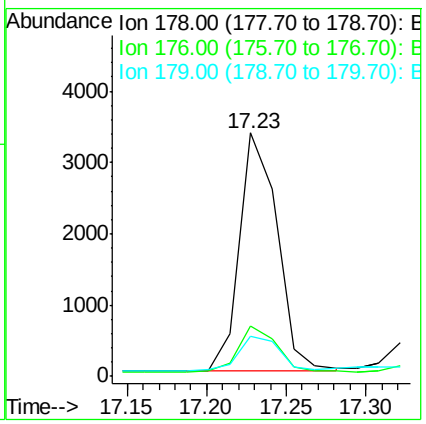


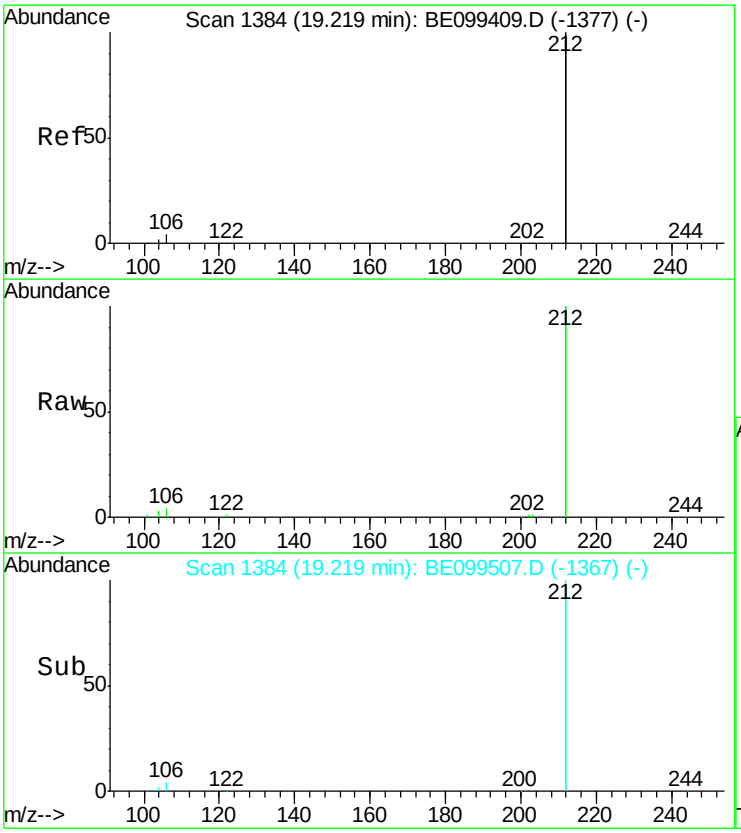
#23
Phenanthrene
Concen: 0.107 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:178 Resp: 5477

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.6	23.4
179	16.3	12.0	18.0

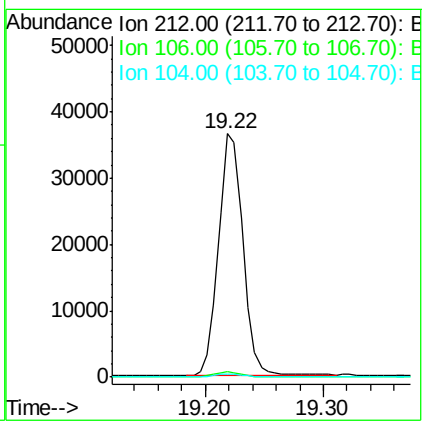


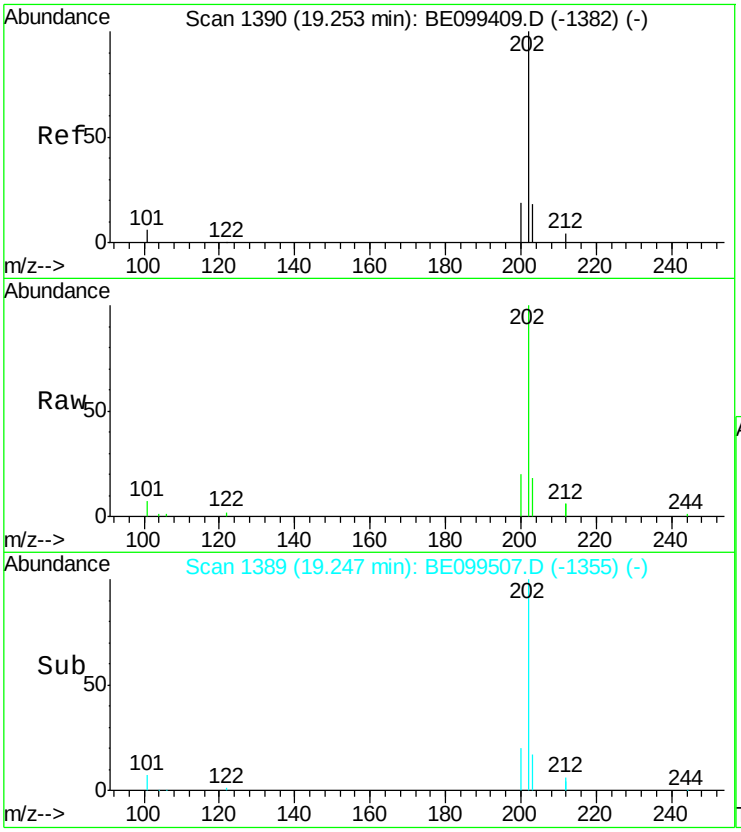


#25
Fluoranthene-d10
Concen: 0.194 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:212 Resp: 51679

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.1	0.9	1.3



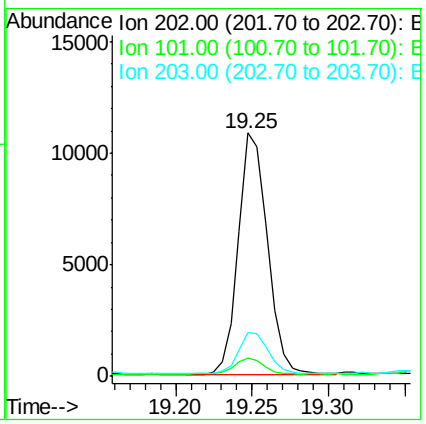


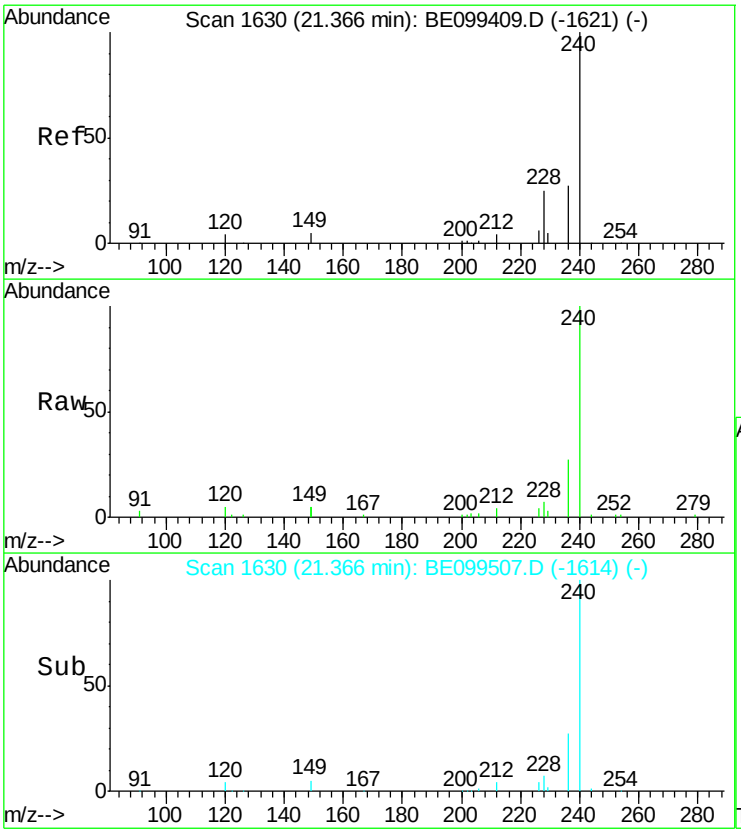
#26
Fluoranthene
Concen: 0.187 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:202 Resp: 14269

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.4	8.0
203	17.8	13.9	20.9

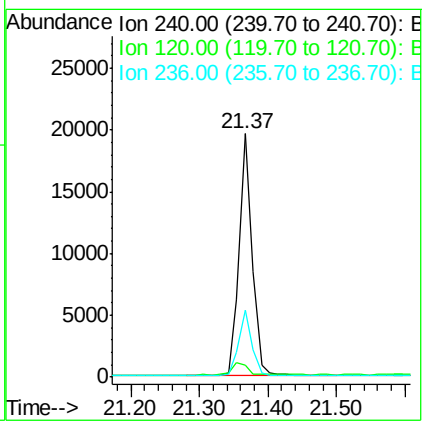


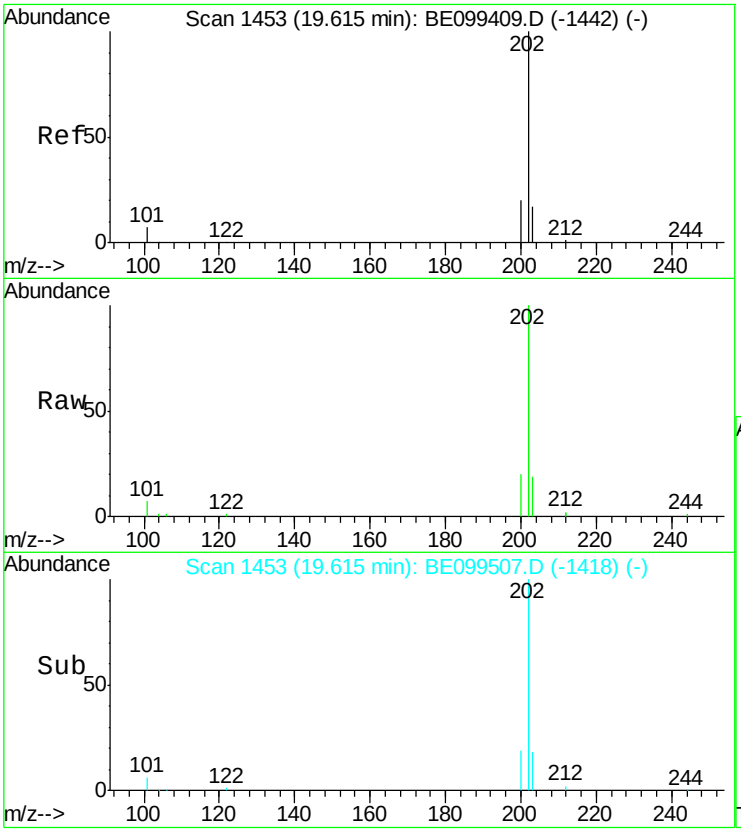


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:240 Resp: 26129

Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.0	6.0
236	27.4	22.0	33.0



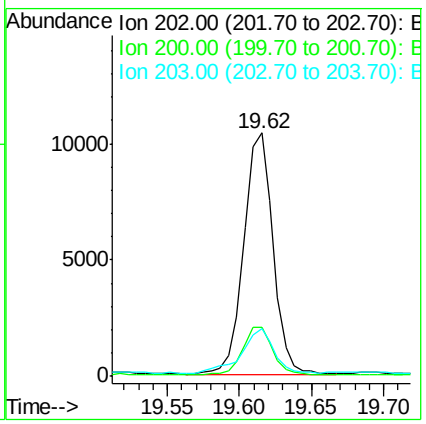


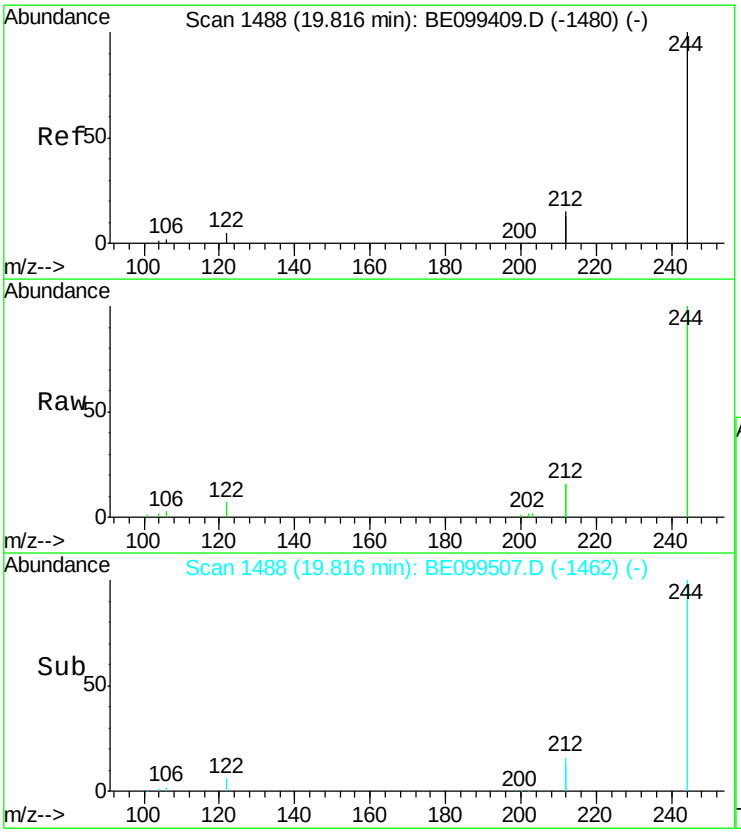
#28
Pyrene
Concen: 0.217 ng
RT: 19.62 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:202 Resp: 14770

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.7	23.5
203	19.7	13.9	20.9

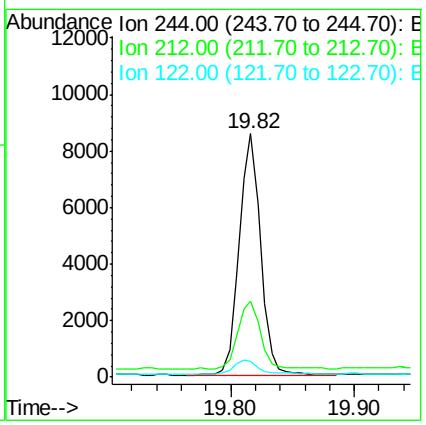


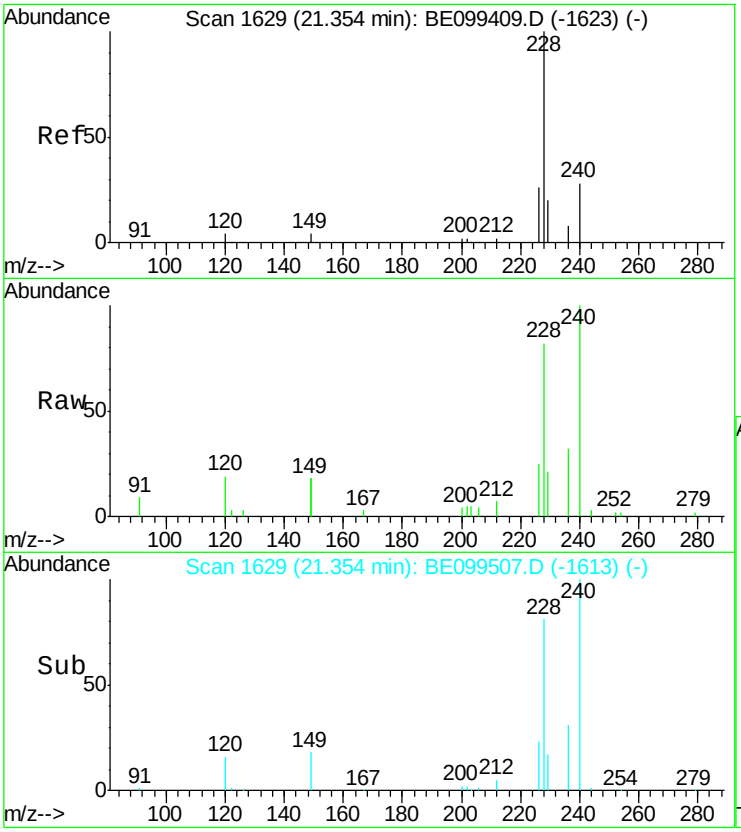


#29
Terphenyl-d14
Concen: 0.216 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:244 Resp: 10355

Ion	Ratio	Lower	Upper
244	100		
212	31.2	23.2	34.8
122	6.6	4.2	6.4#



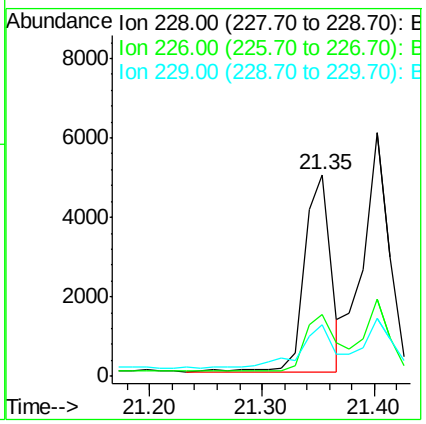


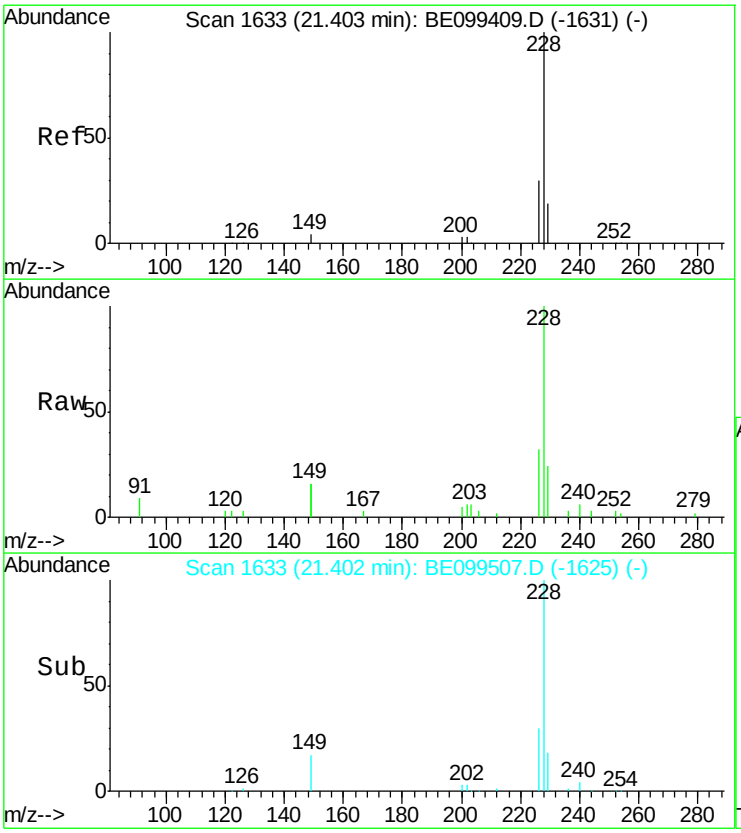
#30
Benzo(a)anthracene
Concen: 0.097 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:228 Resp: 8114

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.0	31.6
229	25.4	16.6	25.0#

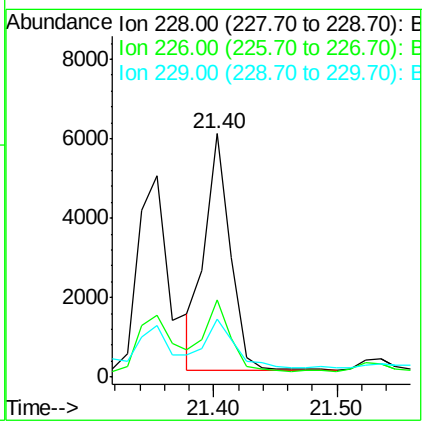


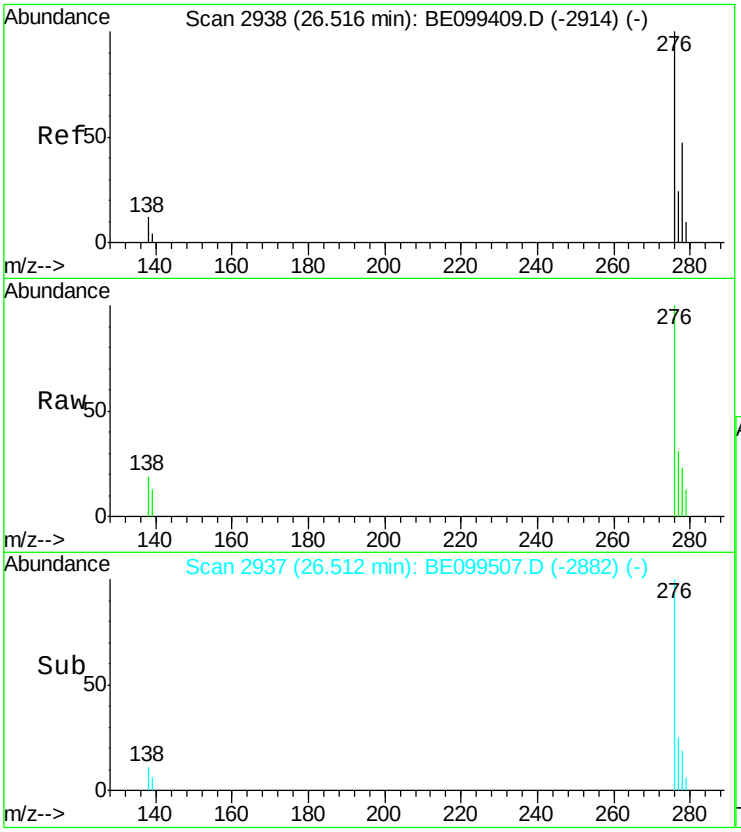


#31
Chrysene
Concen: 0.106 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:228 Resp: 8661

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	23.6	15.8	23.8



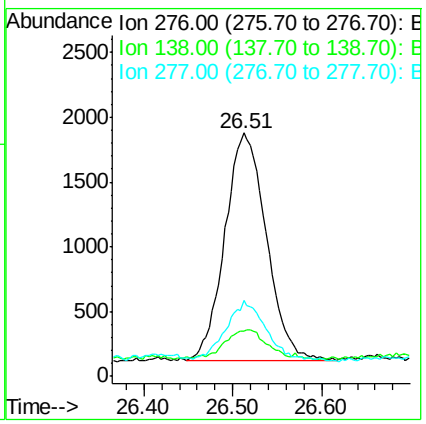


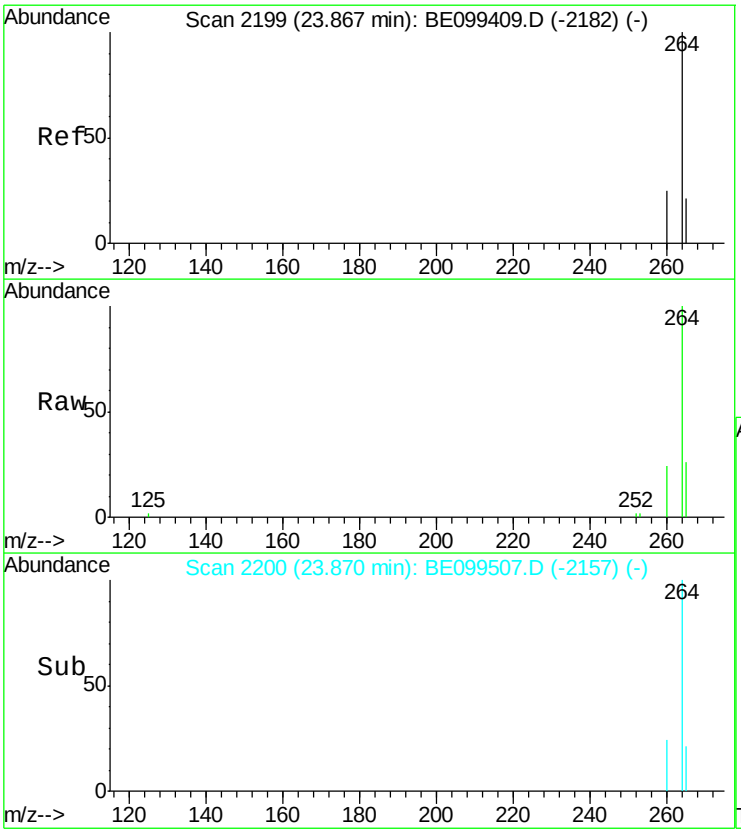
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng
RT: 26.51 min Scan# 2937
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:276 Resp: 5700

Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.2	15.2
277	24.2	19.2	28.8

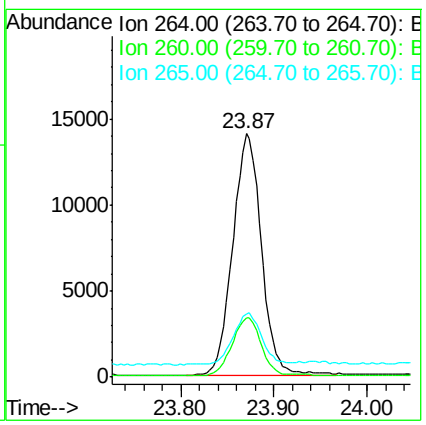


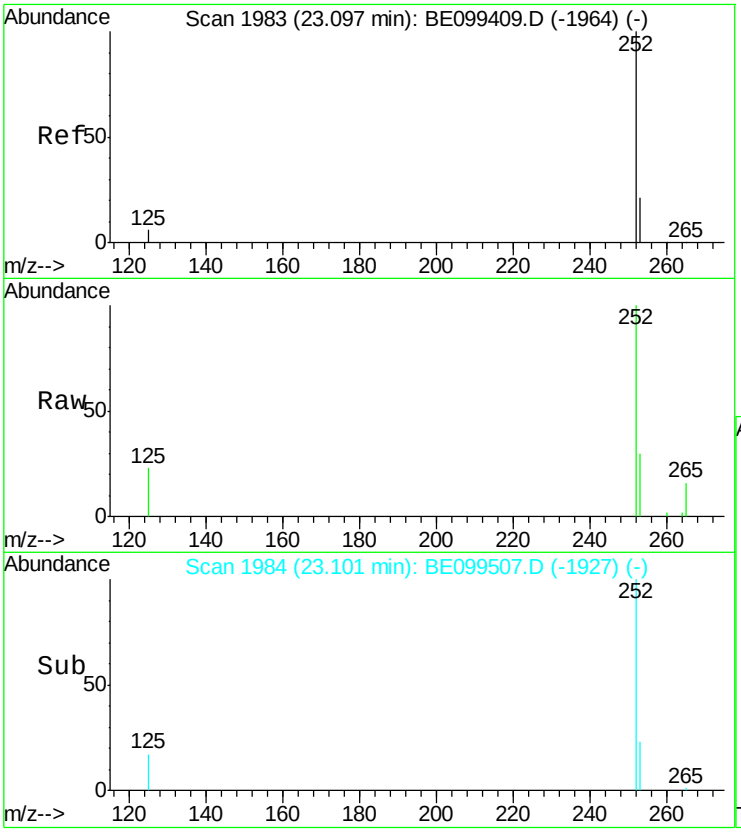


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:264 Resp: 30012

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	26.0	21.3	31.9



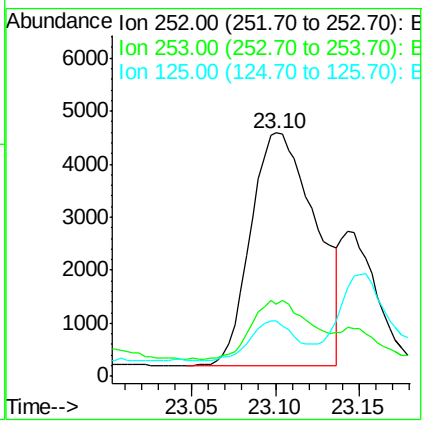


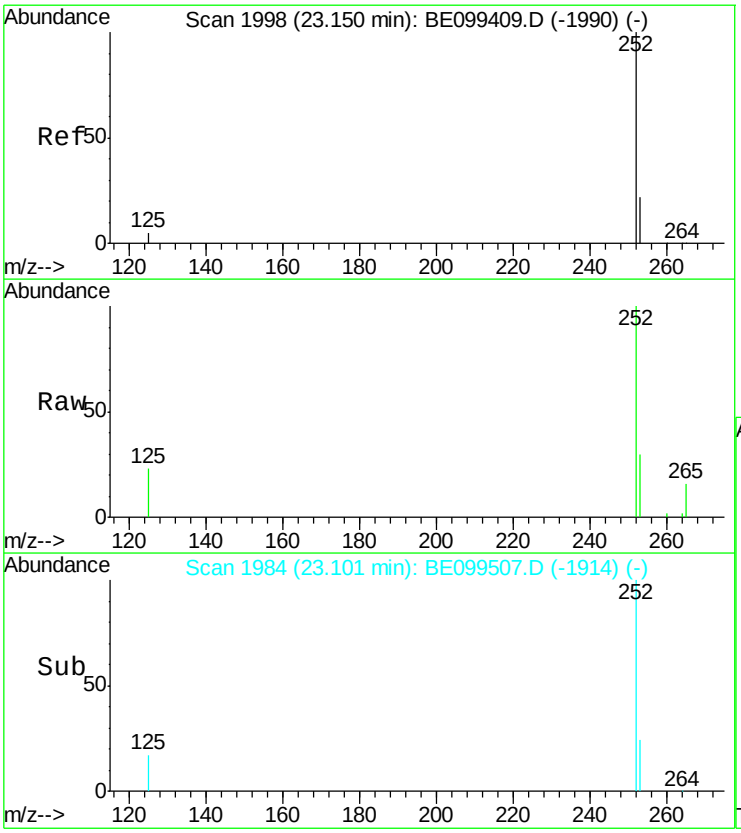
#35
Benzo(b)fluoranthene
Concen: 0.137 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:252 Resp: 11884

Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.1	27.1#
125	22.6	5.6	8.4#

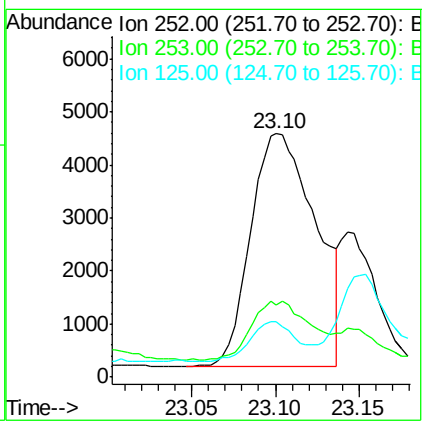


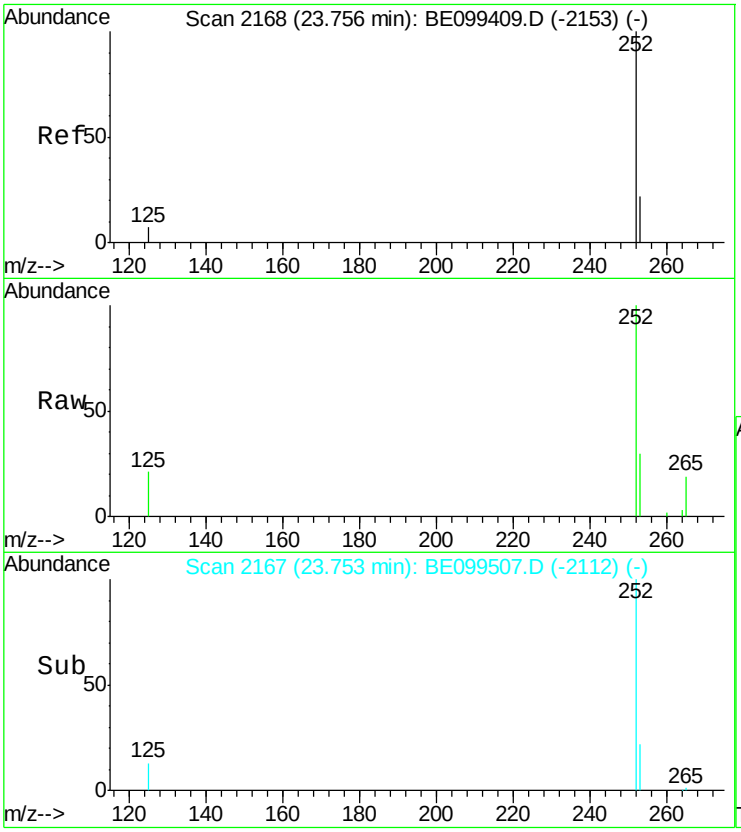


#36
Benzo(k)fluoranthene
Concen: 0.142 ng
RT: 23.10 min Scan# 1984
Delta R.T. -0.05 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:252 Resp: 11884

Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.4	27.6#
125	22.6	5.0	7.4#



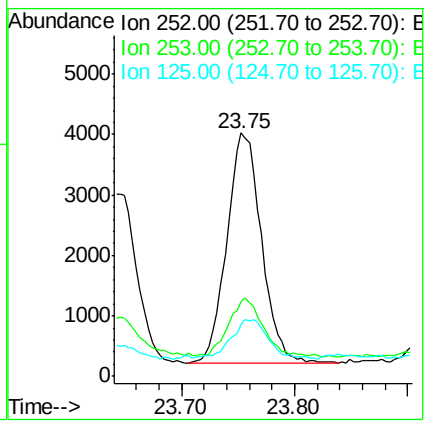


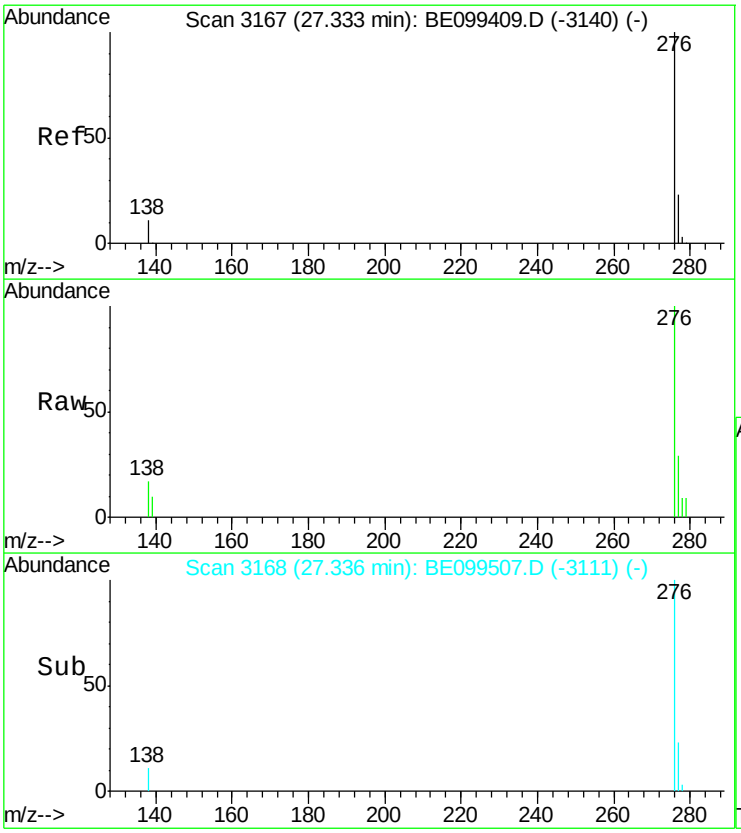
#37
Benzo(a)pyrene
Concen: 0.099 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B185-042419

Tgt Ion:252 Resp: 8123

Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.9	28.3#
125	21.0	6.7	10.1#





#39
Benzo(g,h,i)perylene
Concen: 0.068 ng
RT: 27.34 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BE099507.D
Acq: 2 May 2019 23:31

Tgt Ion:276 Resp: 5726

Ion	Ratio	Lower	Upper
276	100		
277	29.4	19.5	29.3#
138	17.5	9.6	14.4#