Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099466.D
Acq On : 1 May 2019 16:30
Operator : JU/SJ
Sample : K2589-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-B201-042419

Quant Time: May 02 04:14:16 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	7.81	152	2526	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	9593	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7968	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	24421	0.40	ng	0.00
27) Chrysene-d12	21.37	240	27674	0.40	ng	0.00
34) Perylene-d12	23.86	264	31999	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1943	0.28	ng	0.00
5) Phenol-d6	6.97	99	2839	0.31	ng	0.00
8) Nitrobenzene-d5	8.96	82	2295	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	4804	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1473	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	7227	0.24	ng	-0.01
25) Fluoranthene-d10	19.22	212	75760	0.23	ng	0.00
29) Terphenyl-d14	19.82	244	14474	0.29	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.63	42	48	0.023	ng	# 1
22) Pentachlorophenol	16.84	266	50	0.222	ng	# 70
23) Phenanthrene	17.23	178	3019	0.048	ng	# 95
26) Fluoranthene	19.25	202	6386	0.068	ng	# 98
28) Pyrene	19.61	202	6858	0.095	ng	97
30) Benzo(a)anthracene	21.34	228	3046	0.035	ng	# 87
31) Chrysene	21.40	228	4296	0.050	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.27	149	13827	0.039	ng	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	2474	0.024	ng	# 92
35) Benzo(b)fluoranthene	23.10	252	5395	0.058	ng	# 17
36) Benzo(k)fluoranthene	23.10	252	5395	0.061	ng	# 21
37) Benzo(a)pyrene	23.75	252	3329	0.038	ng	# 10
39) Benzo(g,h,i)perylene	27.33	276	2769	0.031	ng	# 75

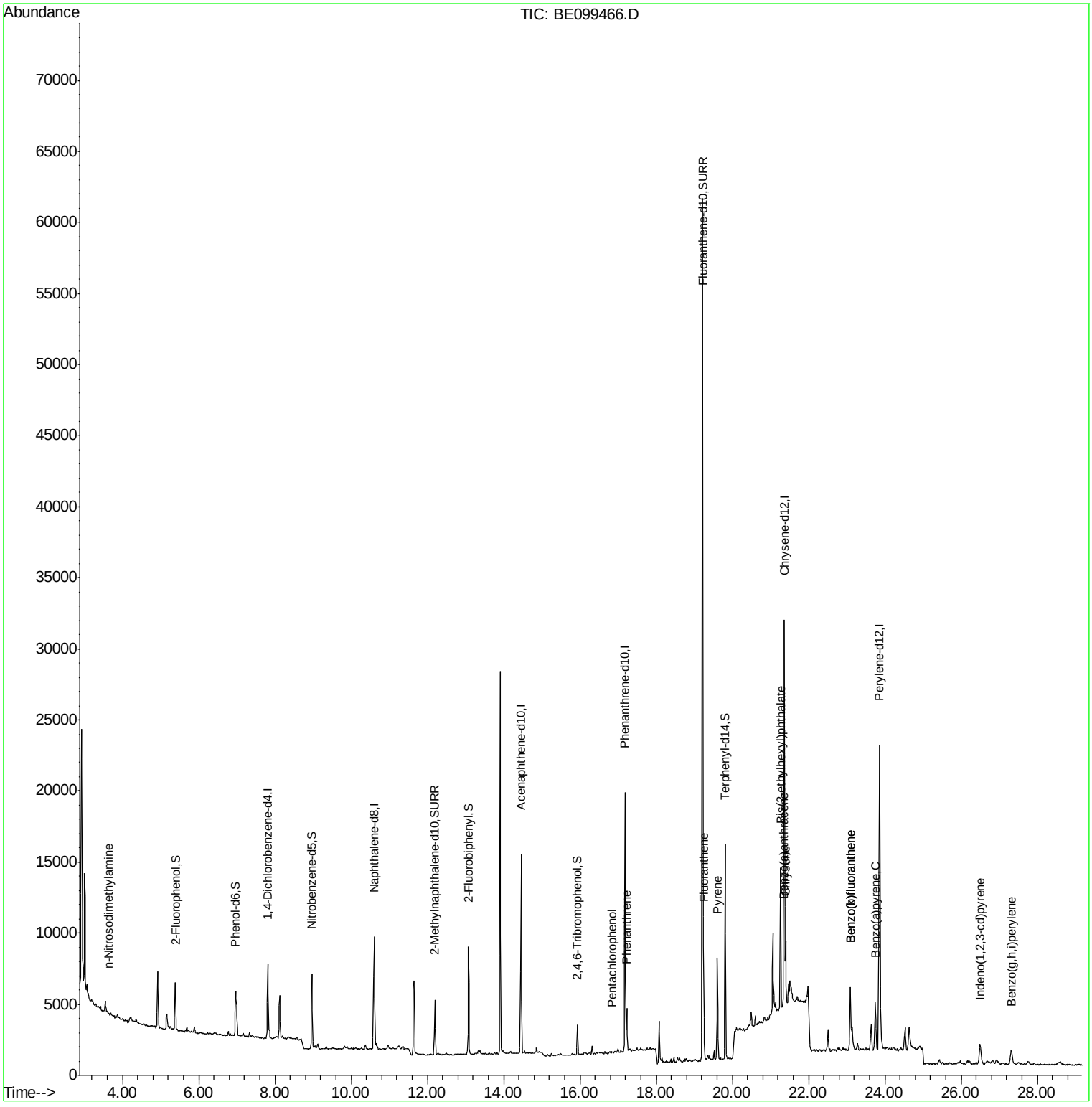
(#) = qualifier out of range (m) = manual integration (+) = signals summed

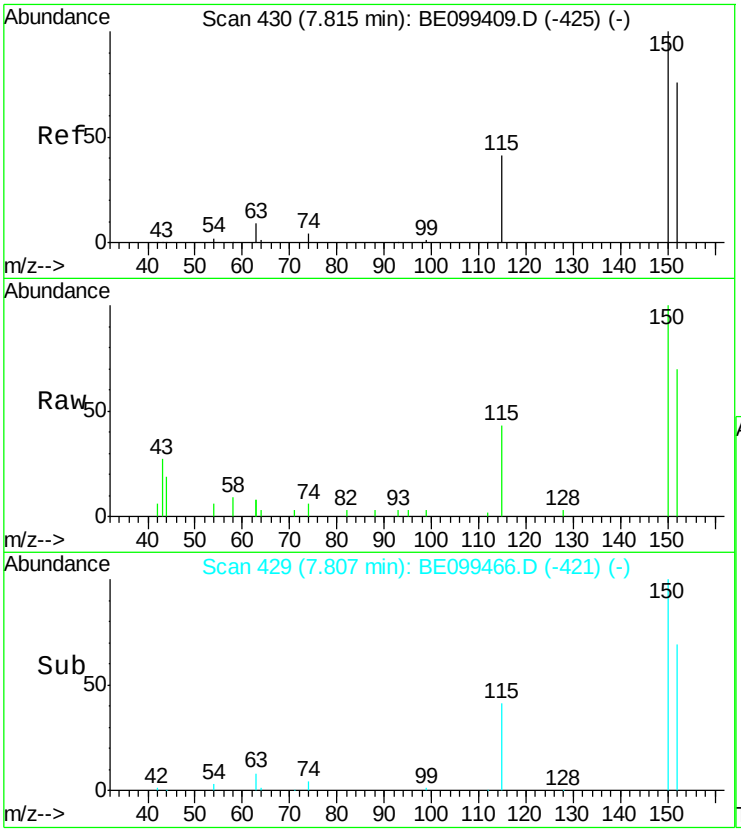
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099466.D
Acq On : 1 May 2019 16:30
Operator : JU/SJ
Sample : K2589-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Quant Time: May 02 04:14:16 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



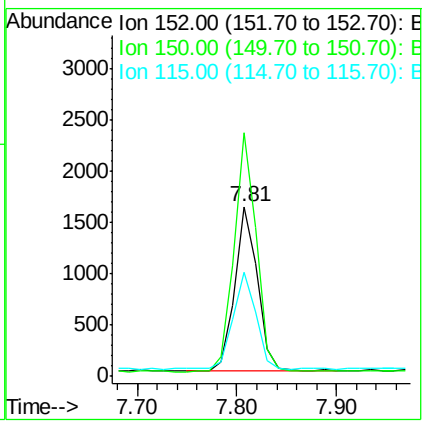


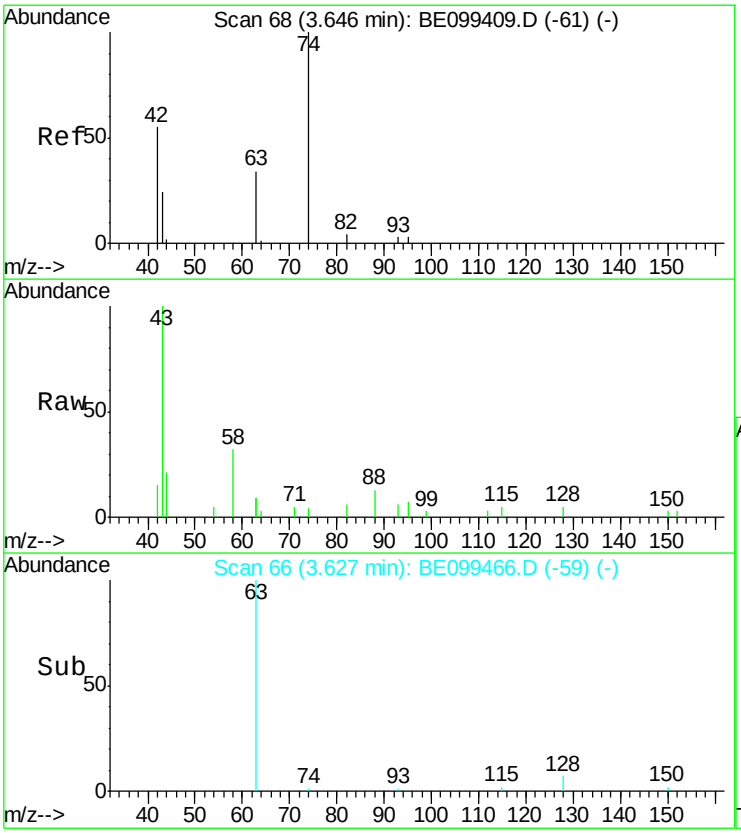
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:152 Resp: 2526

Ion	Ratio	Lower	Upper
152	100		
150	143.8	104.8	157.2
115	61.6	46.6	69.8

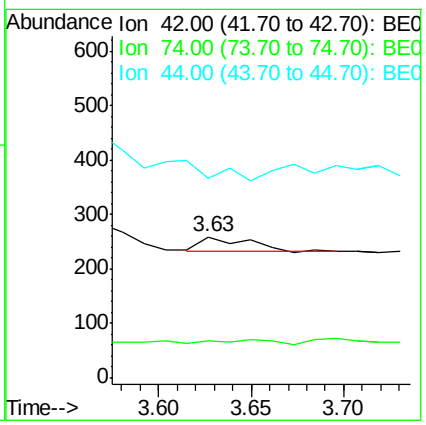


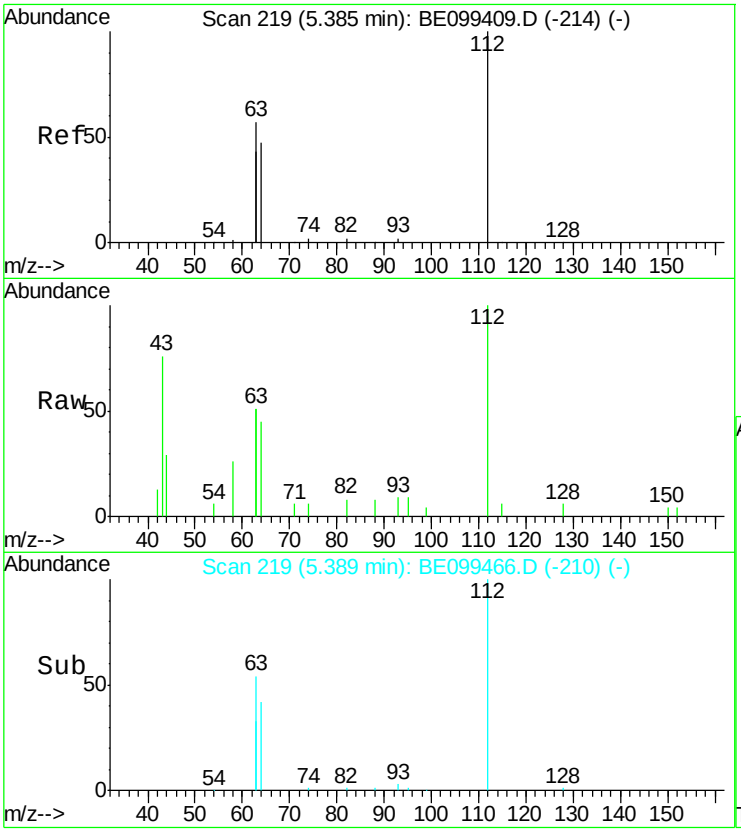


#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.63 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion: 42 Resp: 48

Ion	Ratio	Lower	Upper
42	100		
74	0.0	141.6	212.4#
44	0.0	0.0	0.0



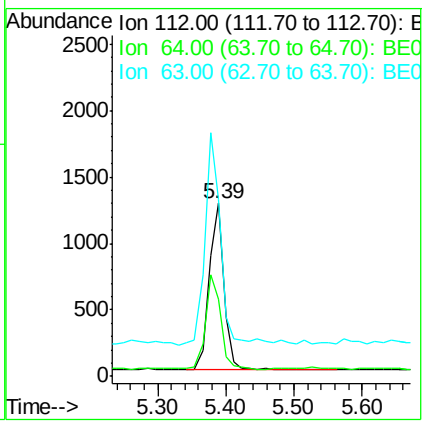


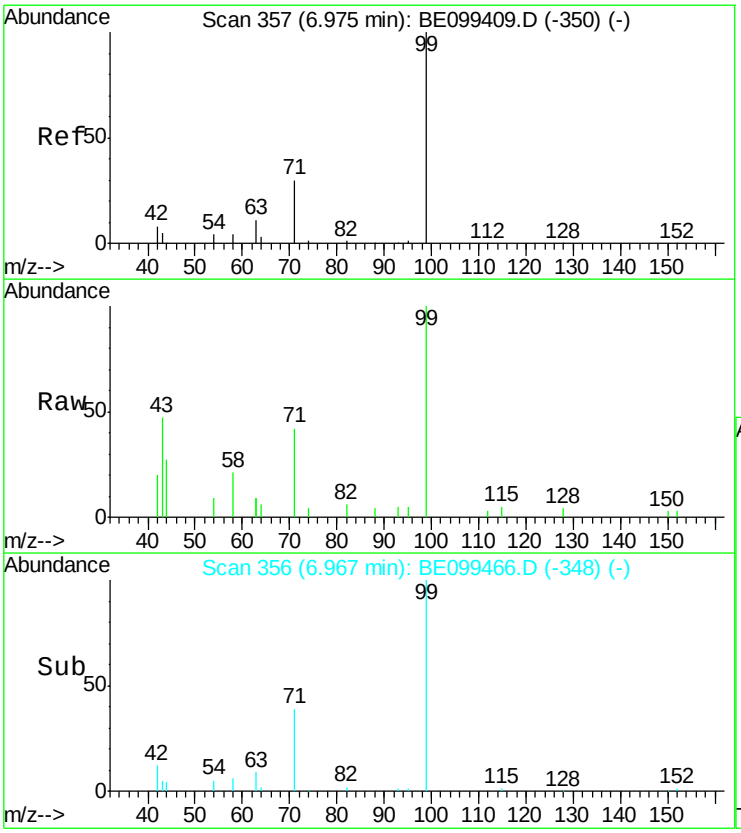
#4
2-Fluorophenol
Concen: 0.278 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:112 Resp: 1943

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.4	71.0
63	130.0	104.3	156.5

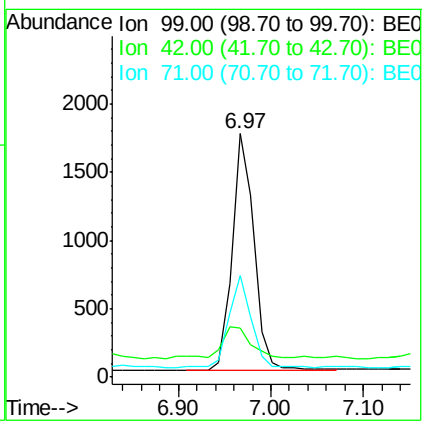


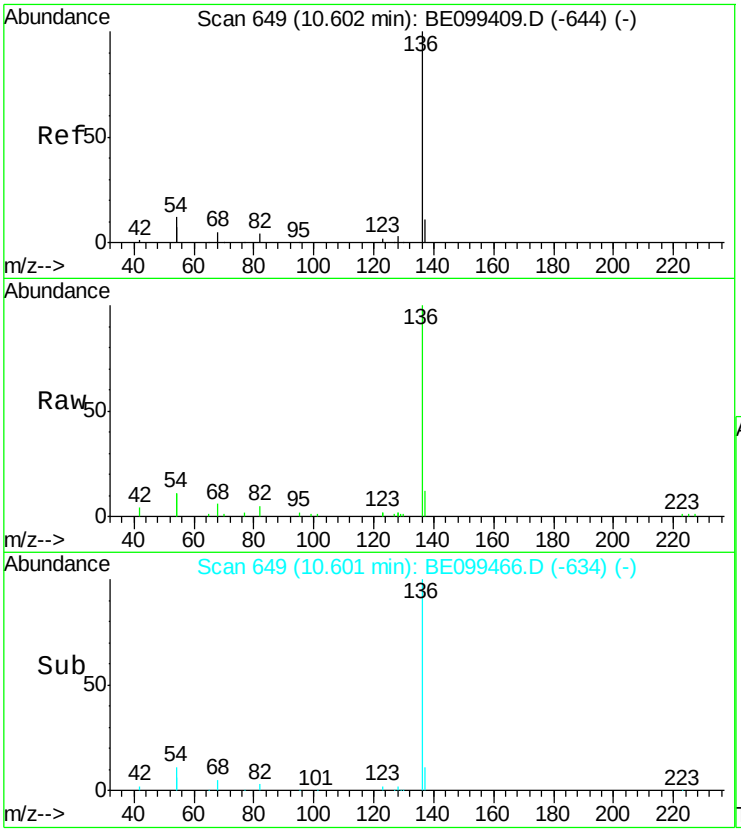


#5
Phenol-d6
Concen: 0.306 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion: 99 Resp: 2839

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.9	22.3
71	40.3	33.0	49.6



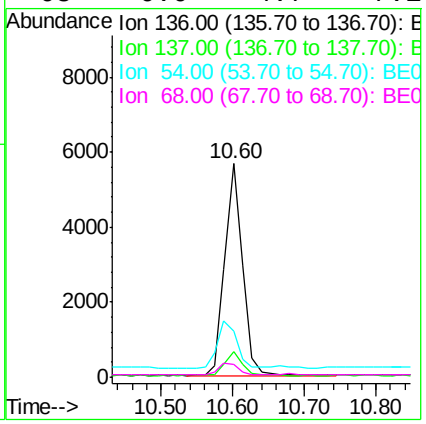


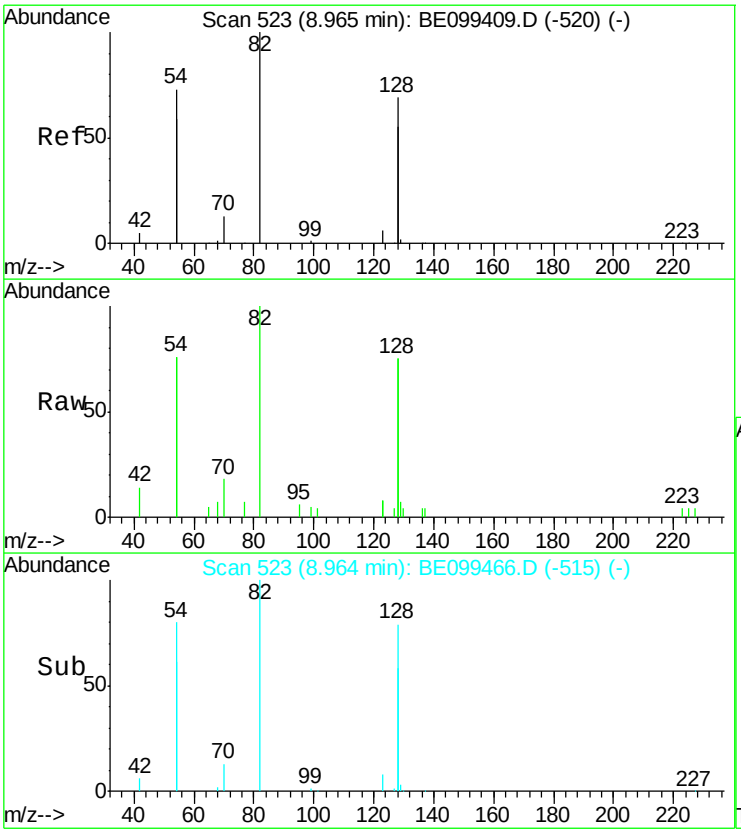
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:136 Resp: 9593

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.8	14.8
54	21.4	18.5	27.7
68	6.0	4.7	7.1

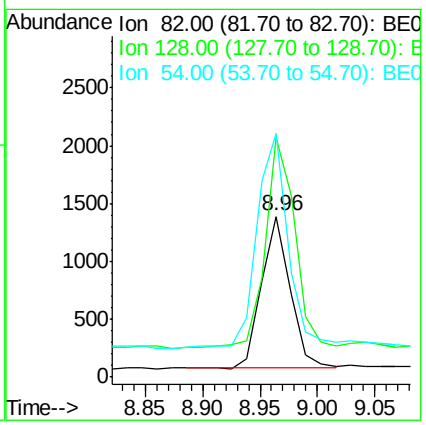


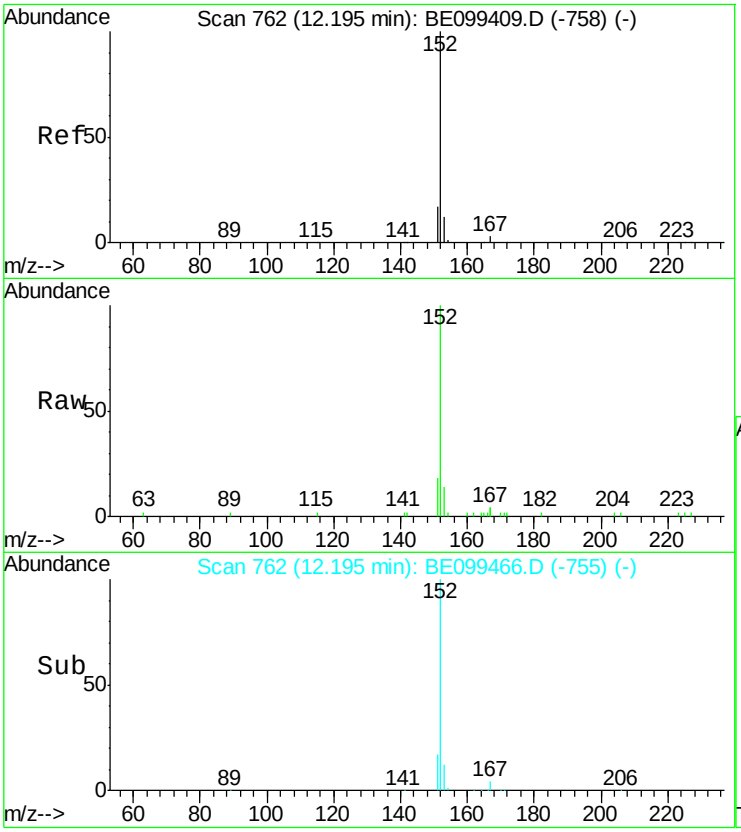


#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion: 82 Resp: 2295

Ion	Ratio	Lower	Upper
82	100		
128	149.1	107.0	160.4
54	151.6	113.1	169.7



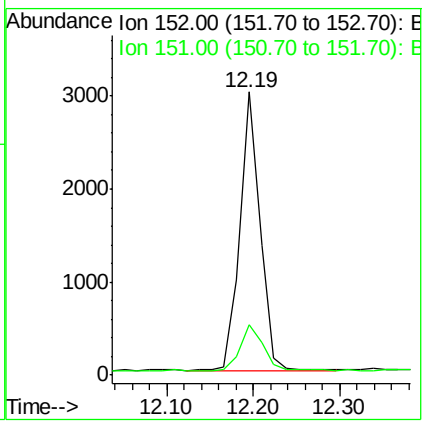


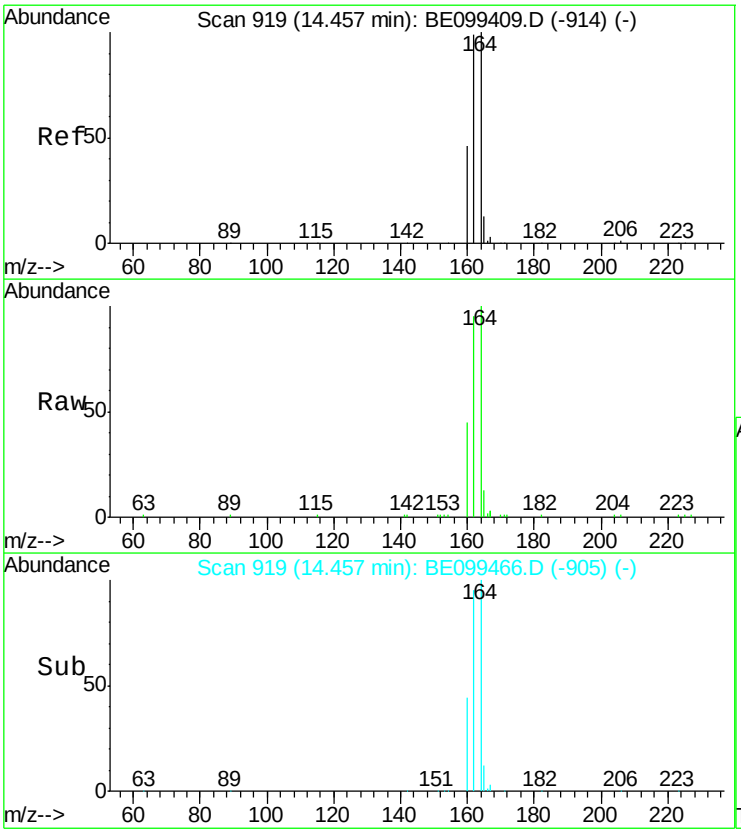
#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:152 Resp: 4804

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3

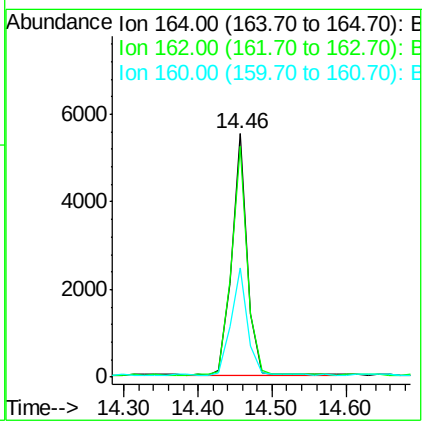


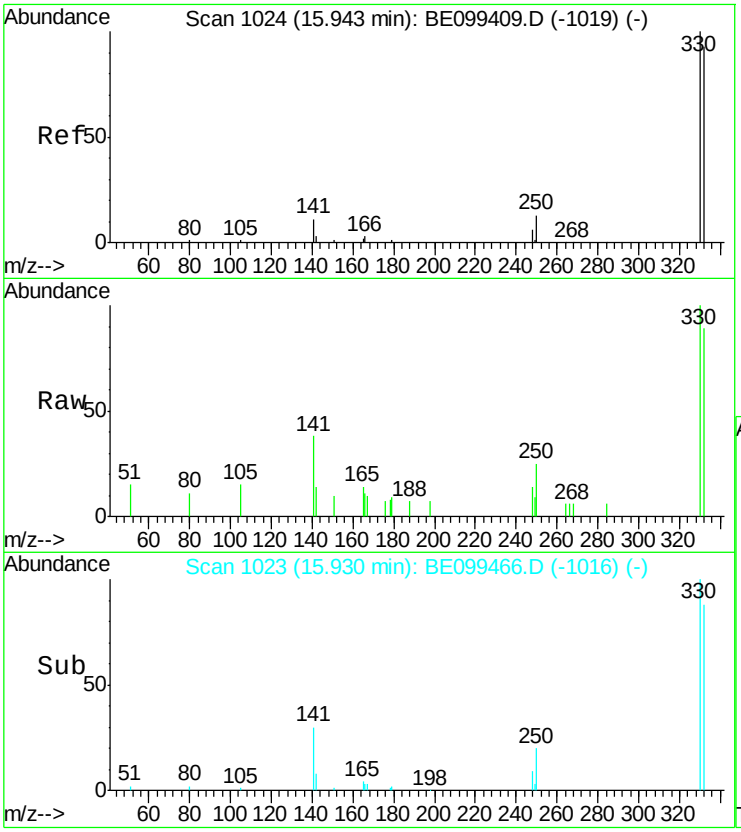


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion:164 Resp: 7968

Ion	Ratio	Lower	Upper
164	100		
162	94.9	79.0	118.4
160	44.8	37.0	55.4



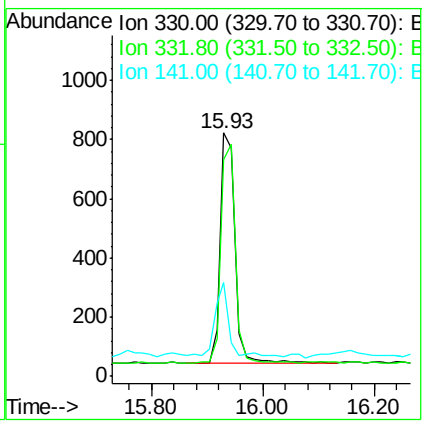


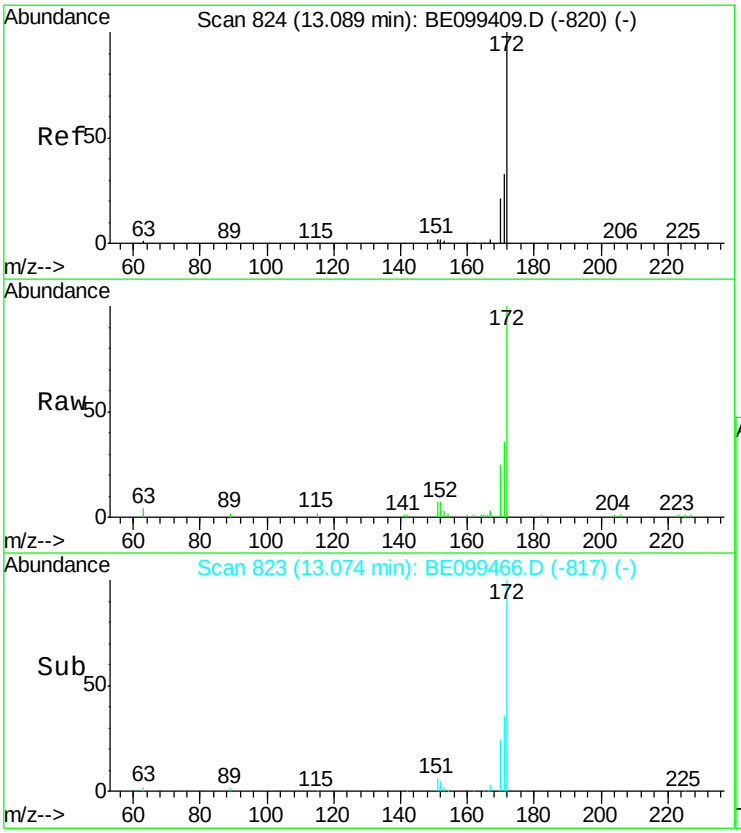
#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:330 Resp: 1473

Ion	Ratio	Lower	Upper
330	100		
332	91.6	71.5	107.3
141	26.2	24.0	36.0

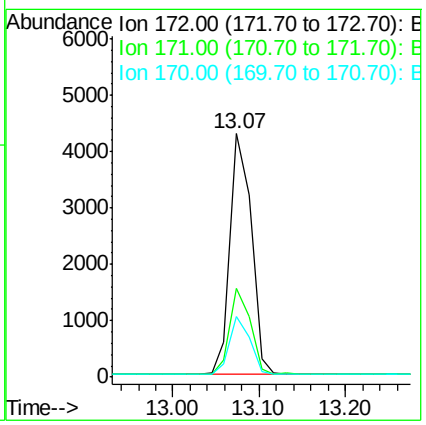


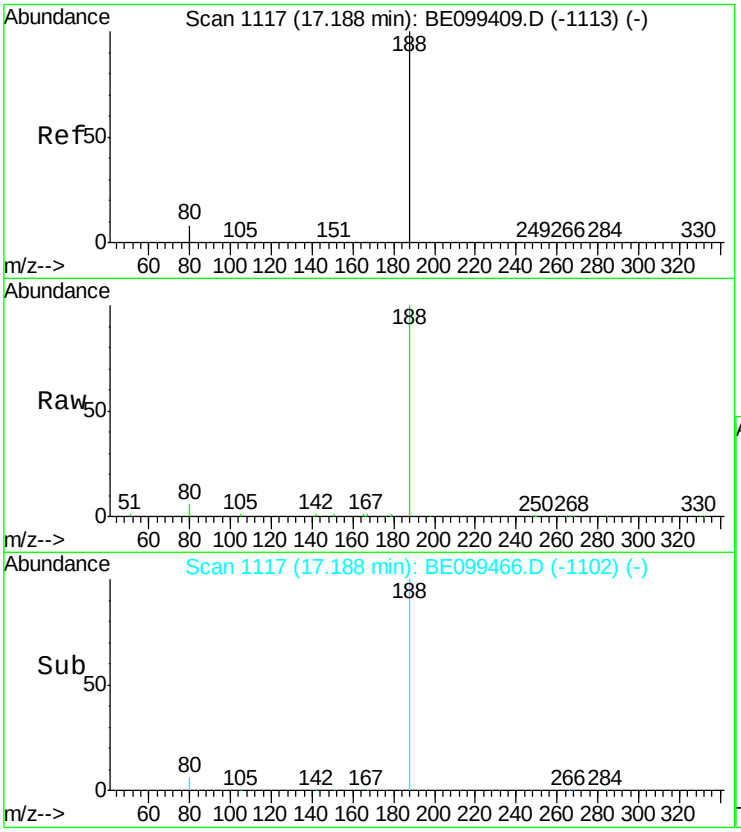


#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion:172 Resp: 7227

Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.6	39.8
170	25.0	17.0	25.6



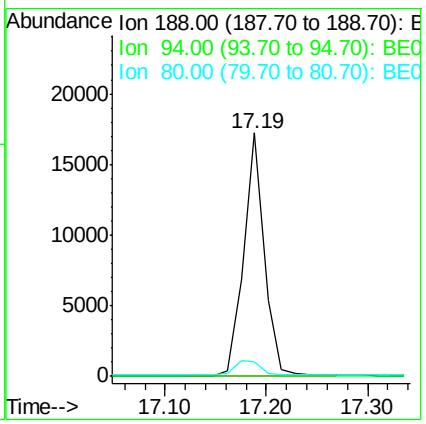


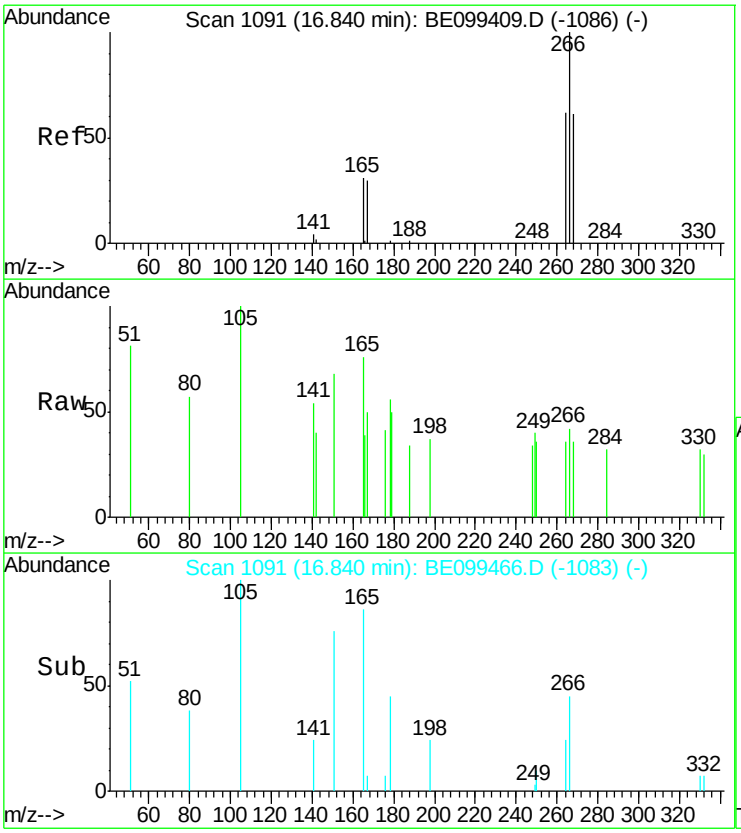
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:188 Resp: 24421

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	6.7	10.1#

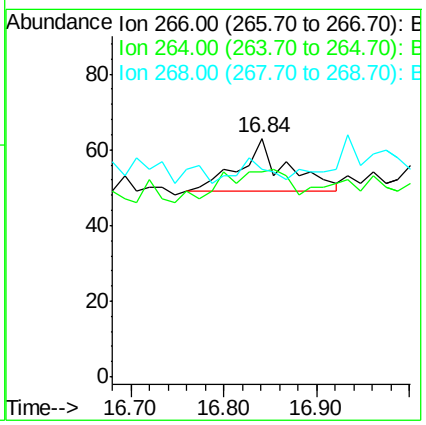


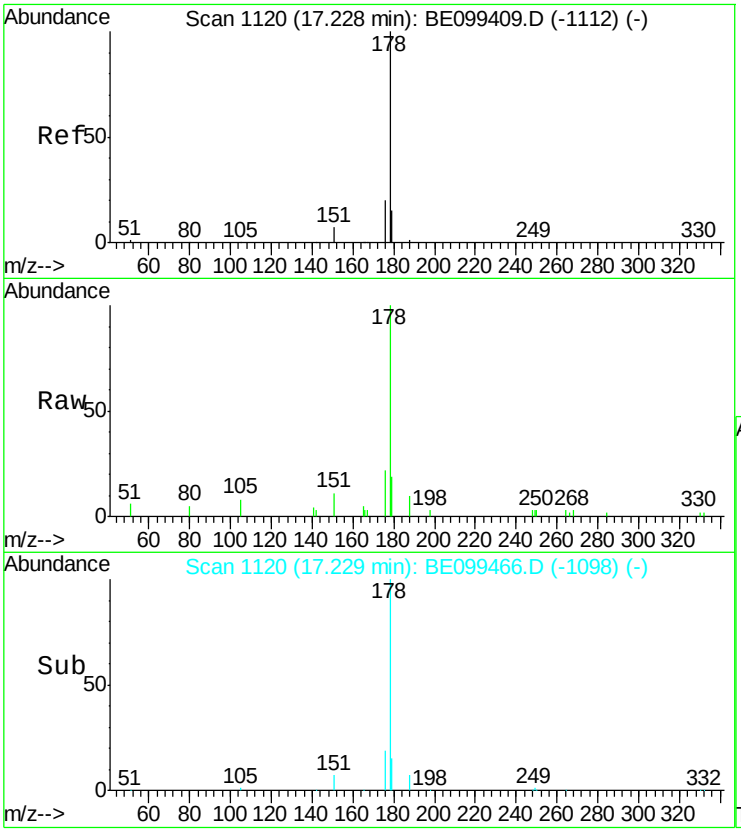


#22
Pentachlorophenol
Concen: 0.222 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion:266 Resp: 50

Ion	Ratio	Lower	Upper
266	100		
264	85.7	50.8	76.2#
268	87.3	50.5	75.7#



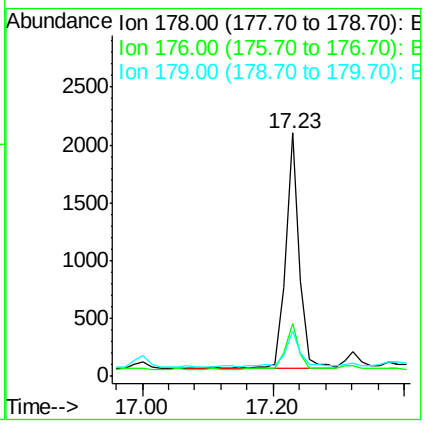


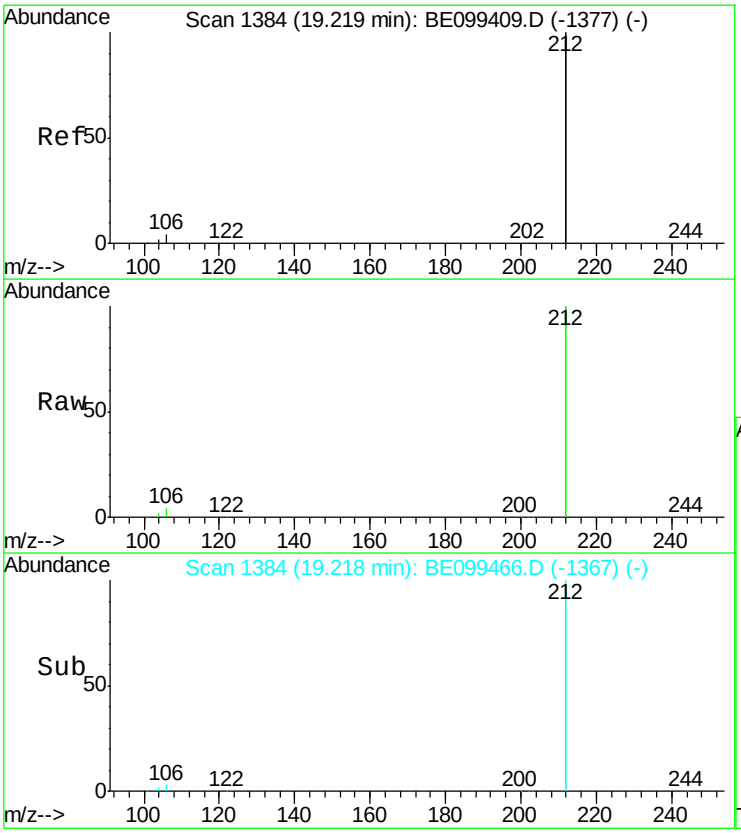
#23
Phenanthrene
Concen: 0.048 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:178 Resp: 3019

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.6	23.4
179	18.3	12.0	18.0#

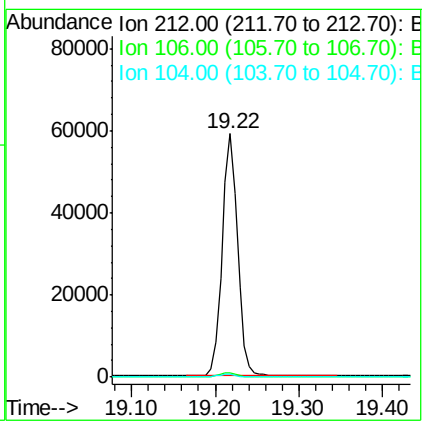


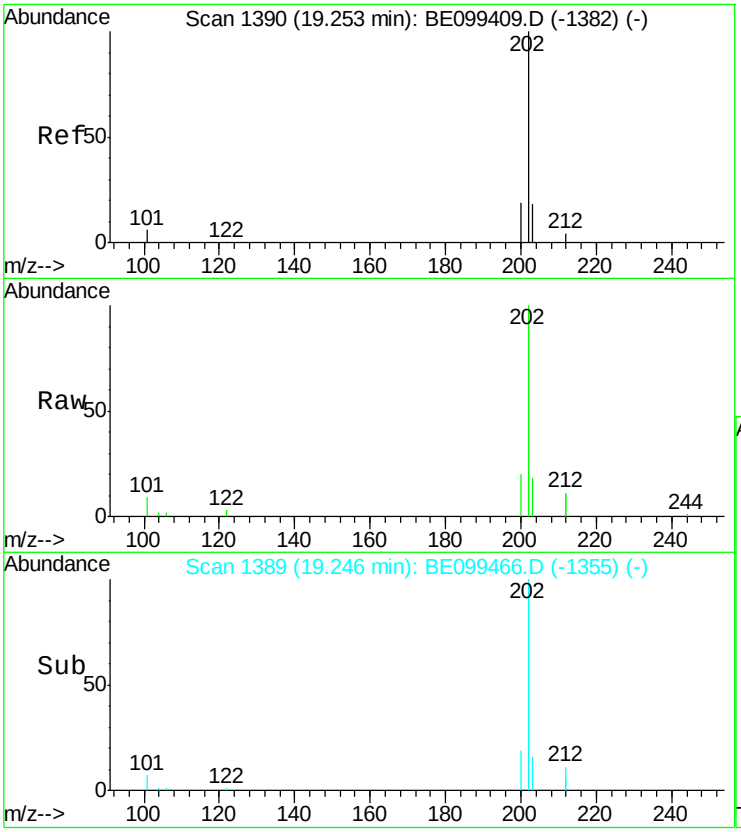


#25
Fluoranthene-d10
Concen: 0.230 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion:212 Resp: 75760

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



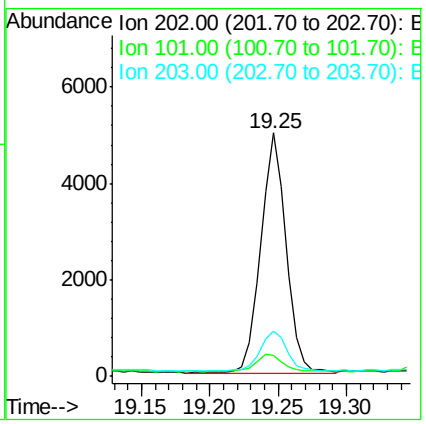


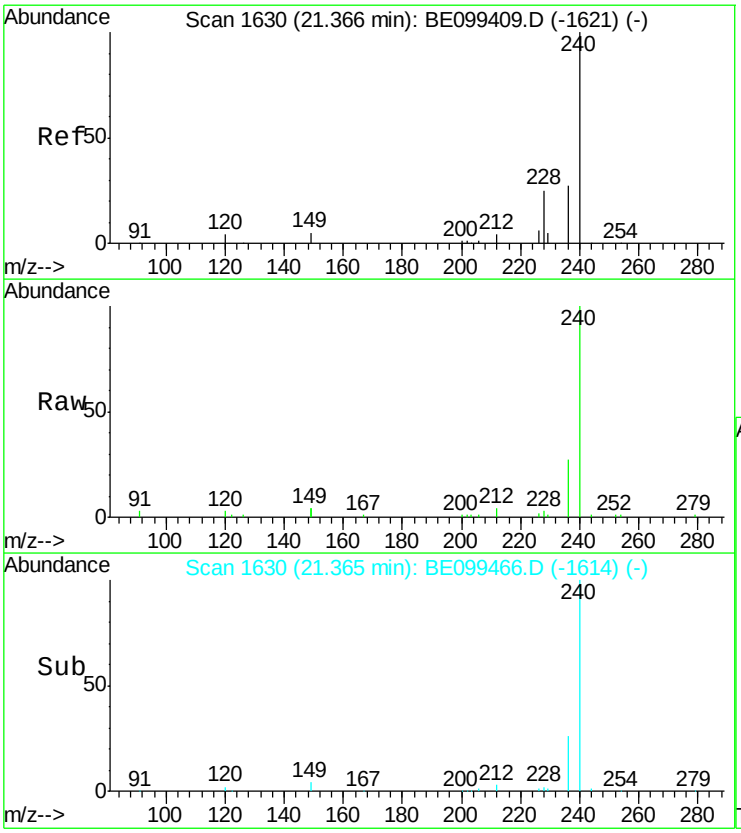
#26
Fluoranthene
Concen: 0.068 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:202 Resp: 6386

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.4	8.0#
203	17.3	13.9	20.9

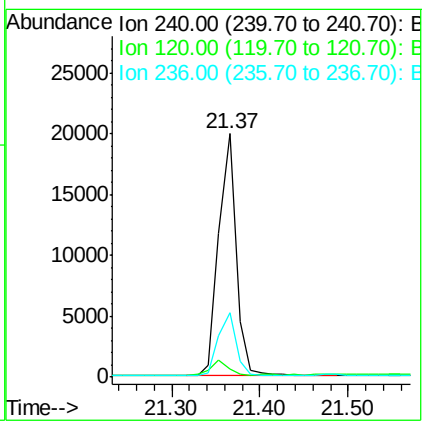


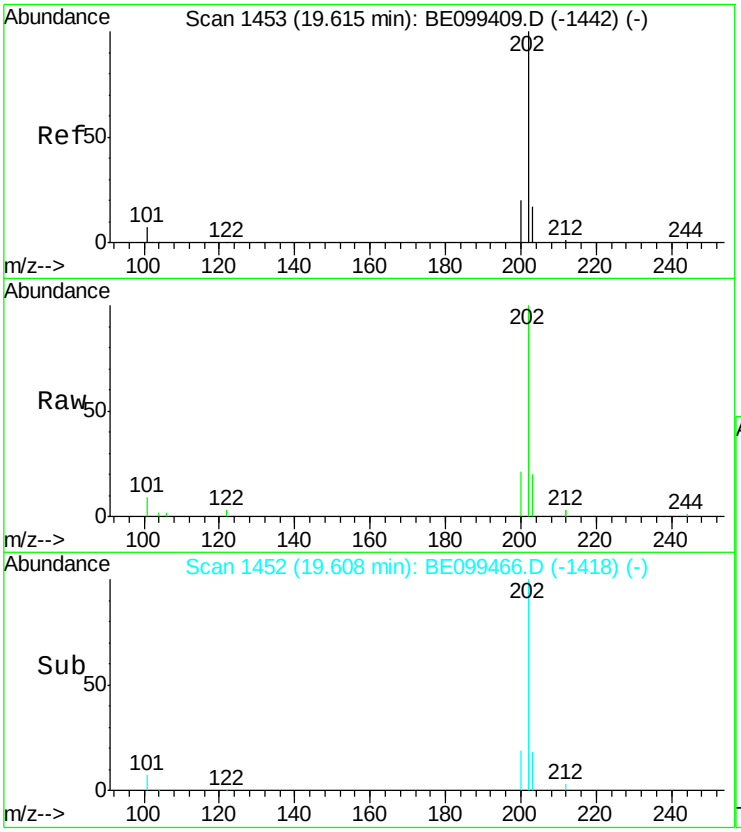


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion:240 Resp: 27674

Ion	Ratio	Lower	Upper
240	100		
120	3.1	4.0	6.0#
236	26.7	22.0	33.0



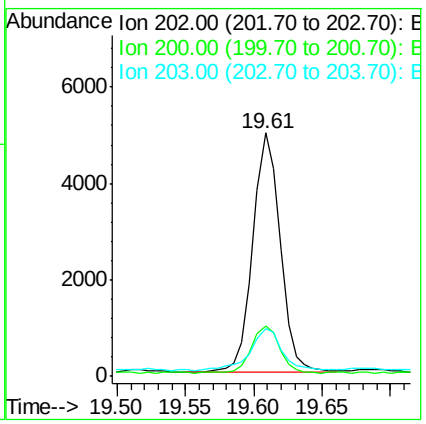


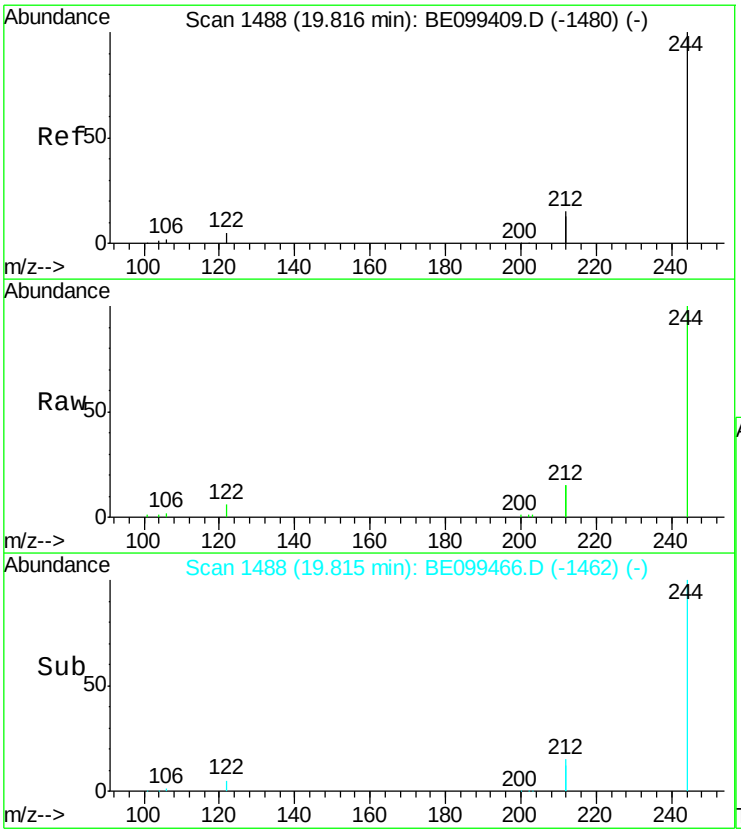
#28
Pyrene
Concen: 0.095 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:202 Resp: 6858

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.7	23.5
203	19.8	13.9	20.9

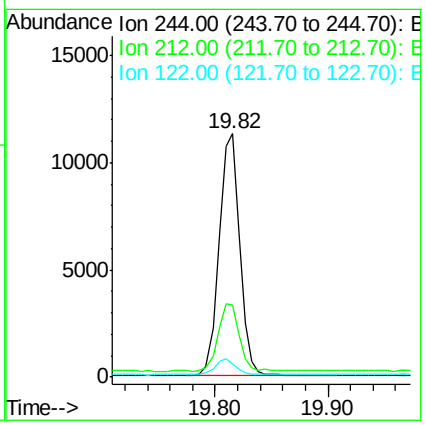


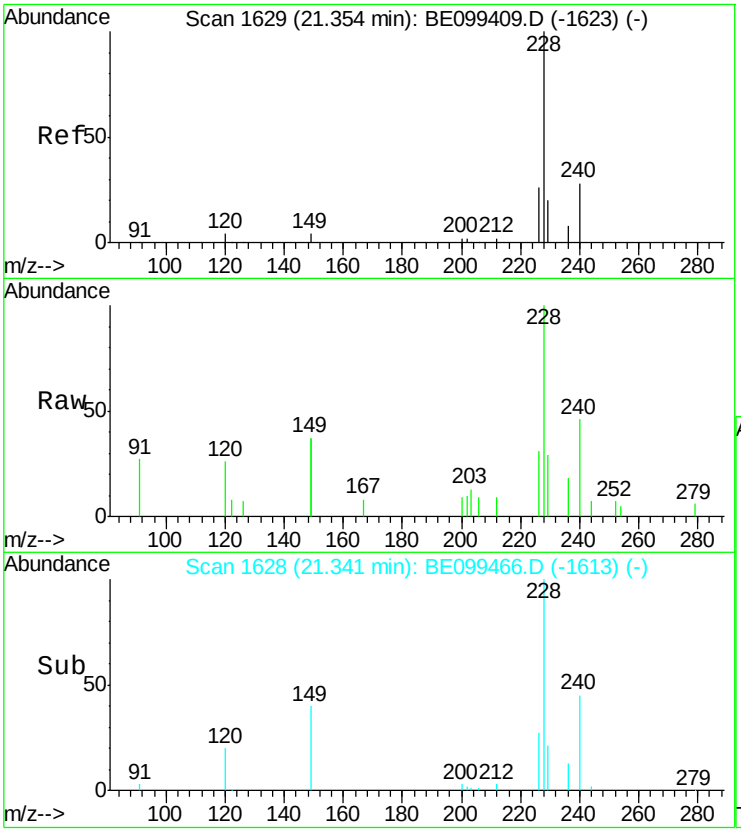


#29
Terphenyl-d14
Concen: 0.286 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion:244 Resp: 14474

Ion	Ratio	Lower	Upper
244	100		
212	29.6	23.2	34.8
122	5.5	4.2	6.4



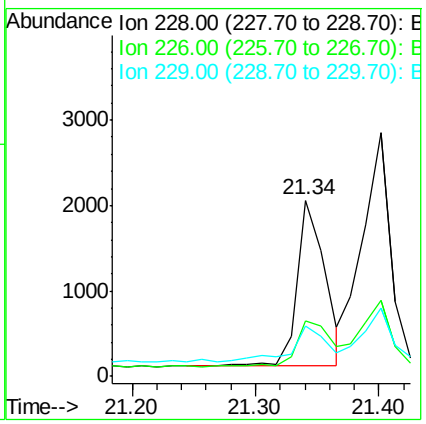


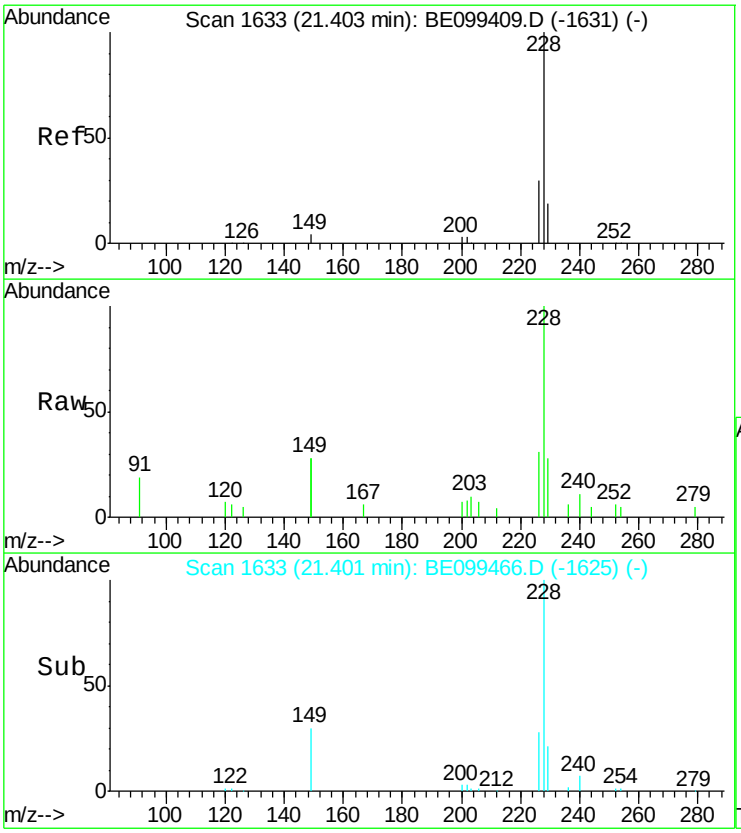
#30
Benzo(a)anthracene
Concen: 0.035 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:228 Resp: 3046

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.0	31.6
229	28.5	16.6	25.0#

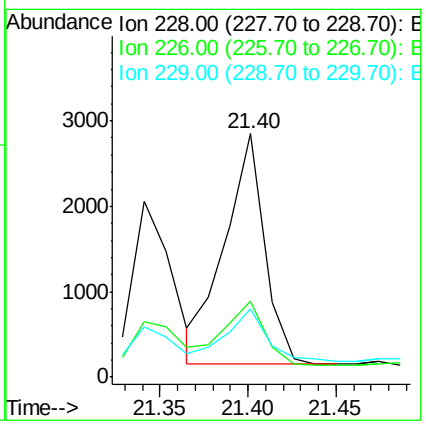


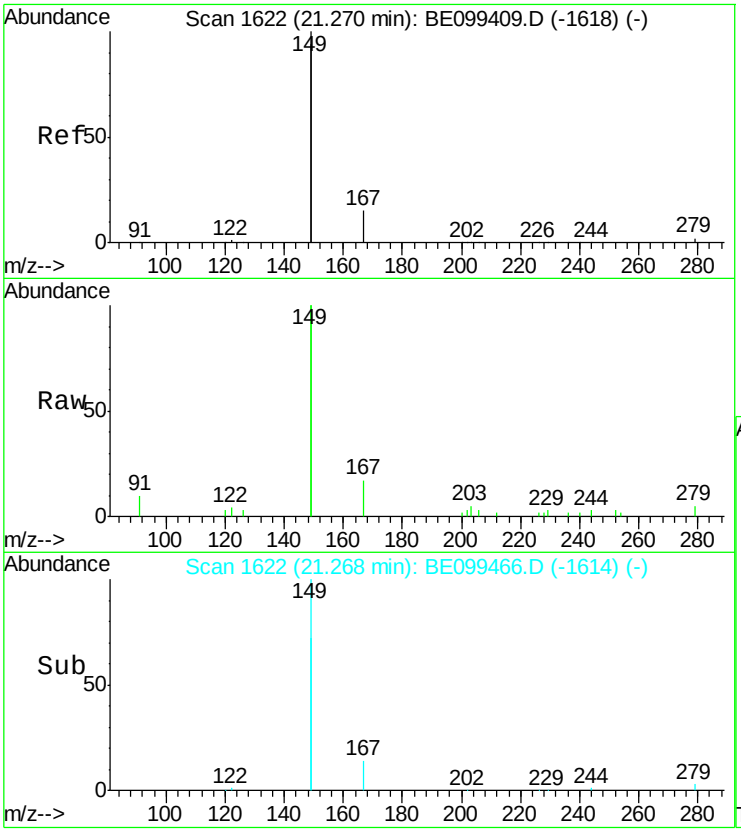


#31
Chrysene
Concen: 0.050 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion:228 Resp: 4296

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	27.9	15.8	23.8#



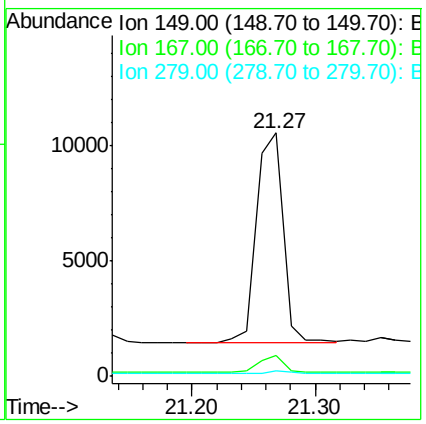


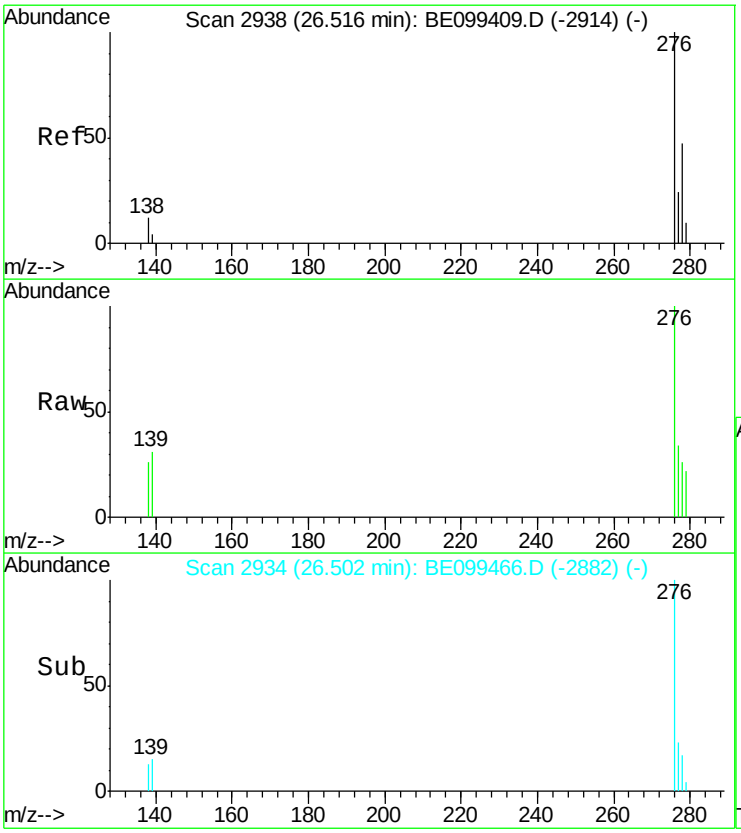
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.039 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:149 Resp: 13827

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.8	8.6
279	1.4	1.0	1.6

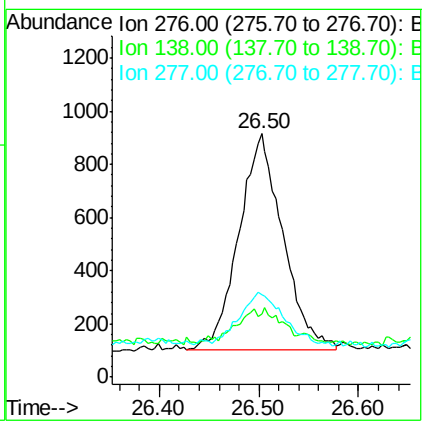


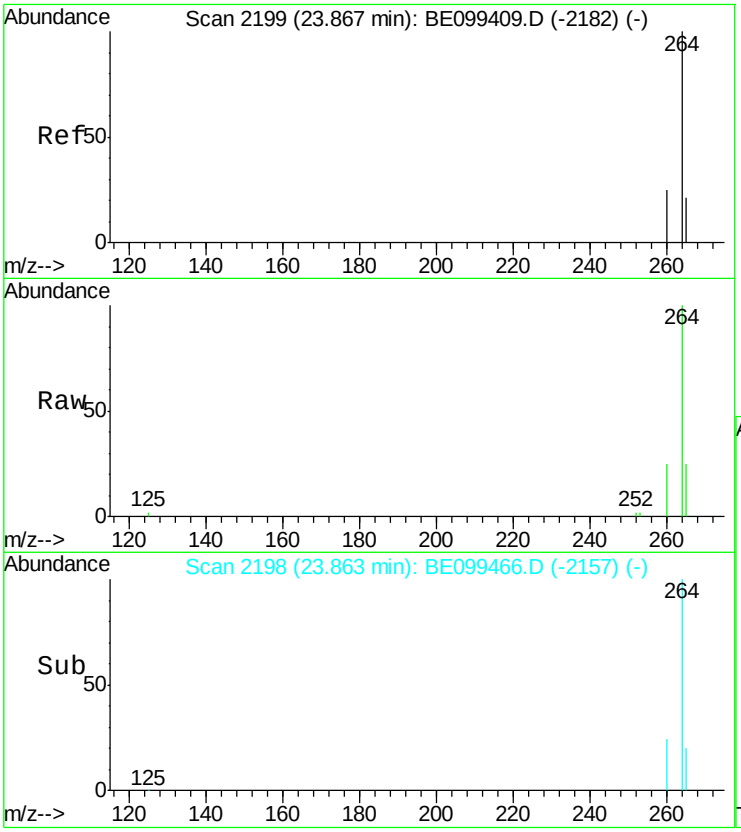


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion:276 Resp: 2474

Ion	Ratio	Lower	Upper
276	100		
138	6.6	10.2	15.2#
277	25.8	19.2	28.8



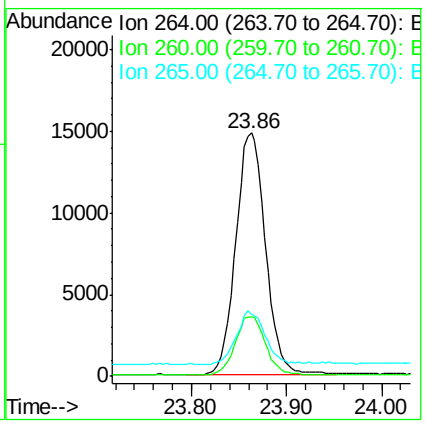


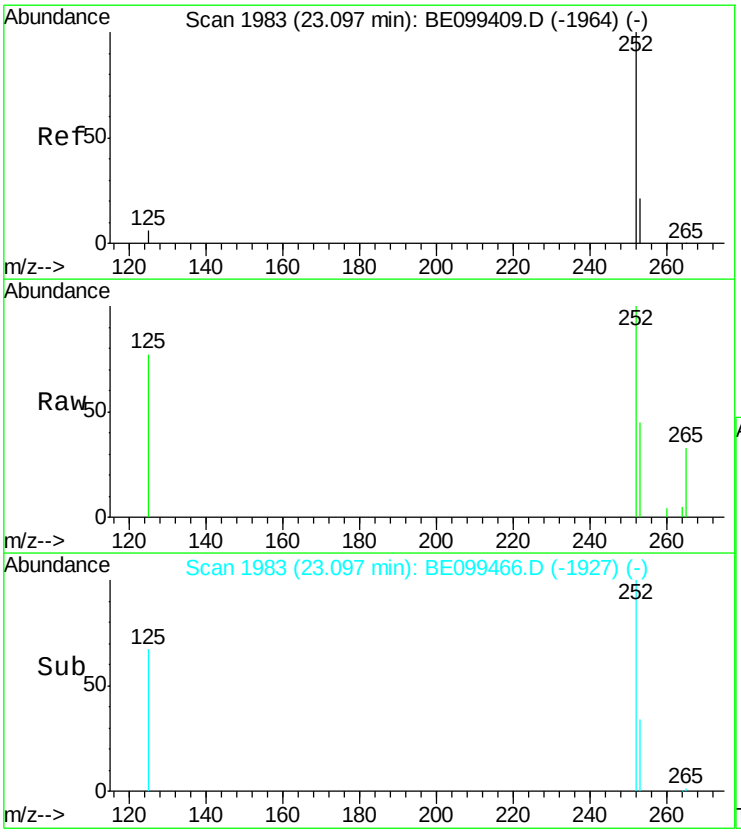
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:264 Resp: 31999

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	25.3	21.3	31.9

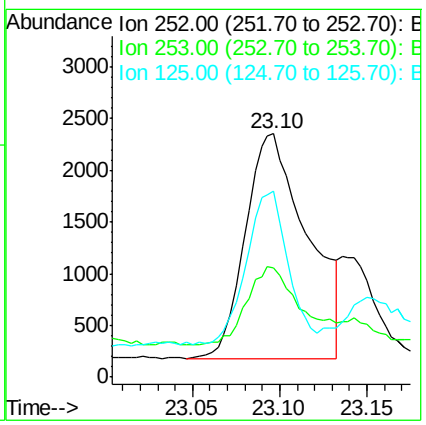


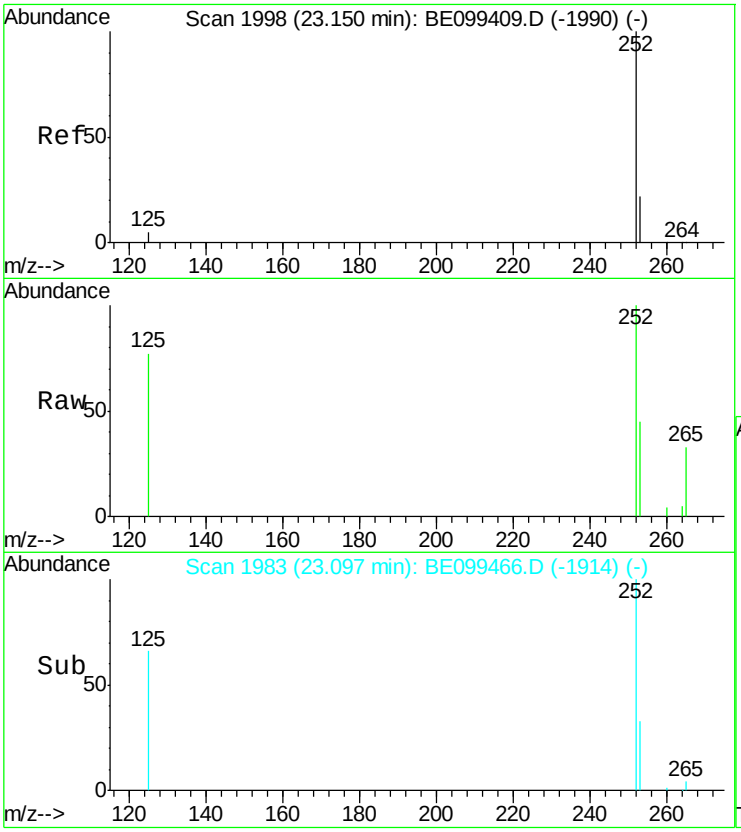


#35
Benzo(b)fluoranthene
Concen: 0.058 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion:252 Resp: 5395

Ion	Ratio	Lower	Upper
252	100		
253	44.7	18.1	27.1#
125	76.5	5.6	8.4#



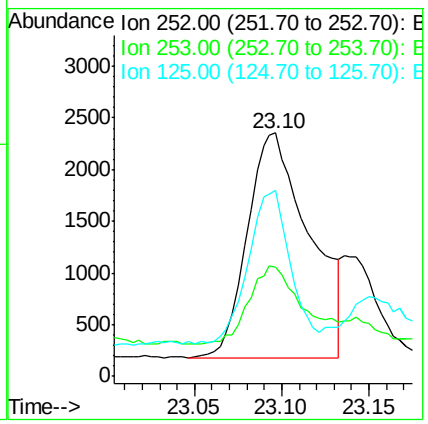


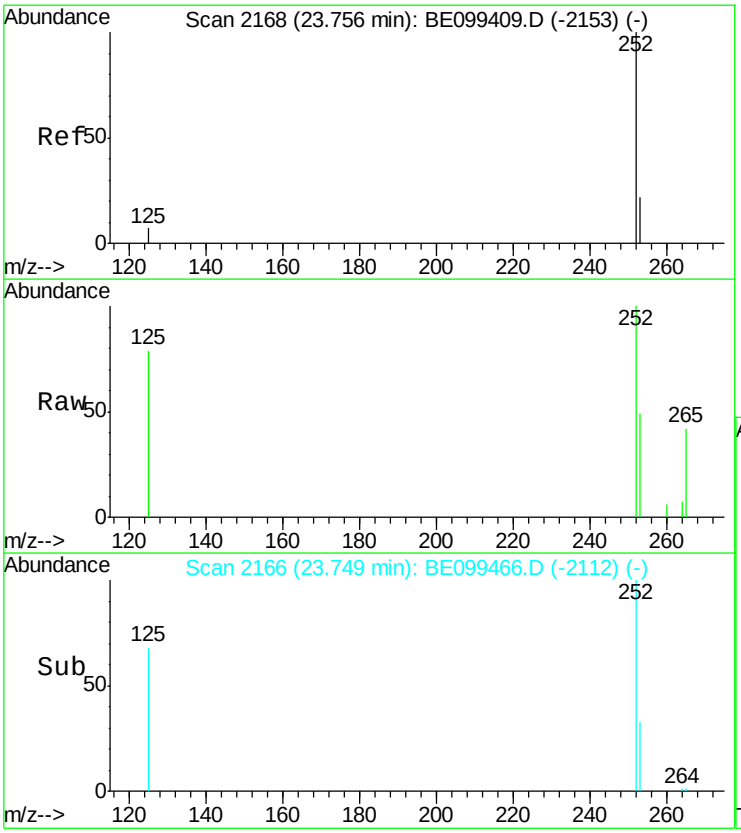
#36
Benzo(k)fluoranthene
Concen: 0.061 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:252 Resp: 5395

Ion	Ratio	Lower	Upper
252	100		
253	44.7	18.4	27.6#
125	76.5	5.0	7.4#

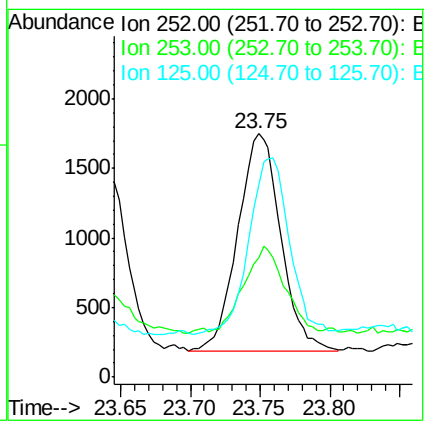


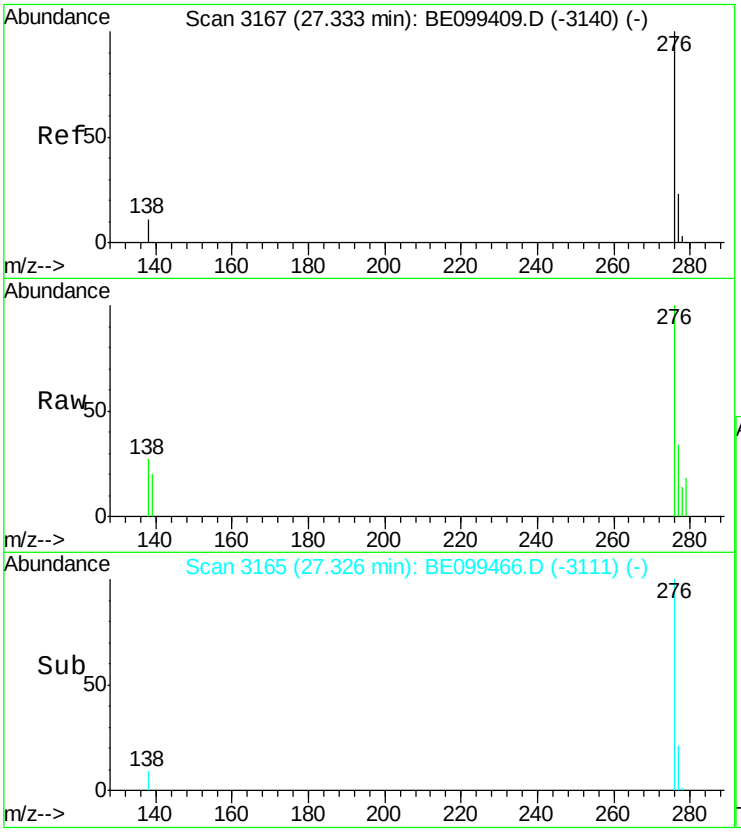


#37
Benzo(a)pyrene
Concen: 0.038 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Tgt Ion:252 Resp: 3329

Ion	Ratio	Lower	Upper
252	100		
253	48.8	18.9	28.3#
125	79.0	6.7	10.1#





#39
Benzo(g,h,i)perylene
Concen: 0.031 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE099466.D
Acq: 1 May 2019 16:30

Instrument :
BNA_E
ClientSampleId :
PST-001-B201-042419

Tgt Ion:276 Resp: 2769

Ion	Ratio	Lower	Upper
276	100		
277	34.0	19.5	29.3#
138	26.6	9.6	14.4#