Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099131.D
Acq On : 24 Mar 2019 3:45
Operator : JU/SJ
Sample : K1948-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DFTPP

Quant Time: Mar 24 23:01:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3664	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13823	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	9086	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	26367	0.40	ng		0.00
27) Chrysene-d12	21.38	240	34949	0.40	ng		-0.01
34) Perylene-d12	23.89	264	38082	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4278	0.39	ng		0.00
5) Phenol-d6	7.00	99	6051	0.39	ng		0.00
8) Nitrobenzene-d5	8.99	82	4536	0.75	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	8601	0.35	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1844	0.69	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	12035	0.33	ng		-0.01
25) Fluoranthene-d10	19.24	212	115861	0.33	ng		0.00
29) Terphenyl-d14	19.83	244	18631	0.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	118	0.021	ng	#	1
6) bis(2-Chloroethyl)ether	7.27	93	1454	0.114	ng	#	1
9) Naphthalene	10.68	128	3763	0.023	ng	#	94
12) 2-Methylnaphthalene	12.30	142	602	0.022	ng		94
16) Acenaphthylene	14.20	152	2566	0.053	ng	#	93
21) Hexachlorobenzene	16.52	284	382	0.028	ng	#	87
22) Pentachlorophenol	16.87	266	92	0.268	ng		94
23) Phenanthrene	17.25	178	21720	0.277	ng		98
24) Anthracene	17.35	178	2038	0.028	ng	#	92
26) Fluoranthene	19.27	202	47419	0.430	ng		98
28) Pyrene	19.63	202	55708	0.470	ng		96
30) Benzo(a)anthracene	21.37	228	26330	0.214	ng		95
31) Chrysene	21.43	228	34477	0.280	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	32190	0.201	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.54	276	18834	0.142	ng		96
35) Benzo(b)fluoranthene	23.12	252	40103	0.304	ng	#	88
36) Benzo(k)fluoranthene	23.12	252	40103	0.311	ng	#	90
37) Benzo(a)pyrene	23.78	252	25823	0.212	ng		96
38) Dibenzo(a,h)anthracene	26.57	278	5410	0.046	ng	#	62
39) Benzo(g,h,i)perylene	27.37	276	20386	0.168	ng		96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
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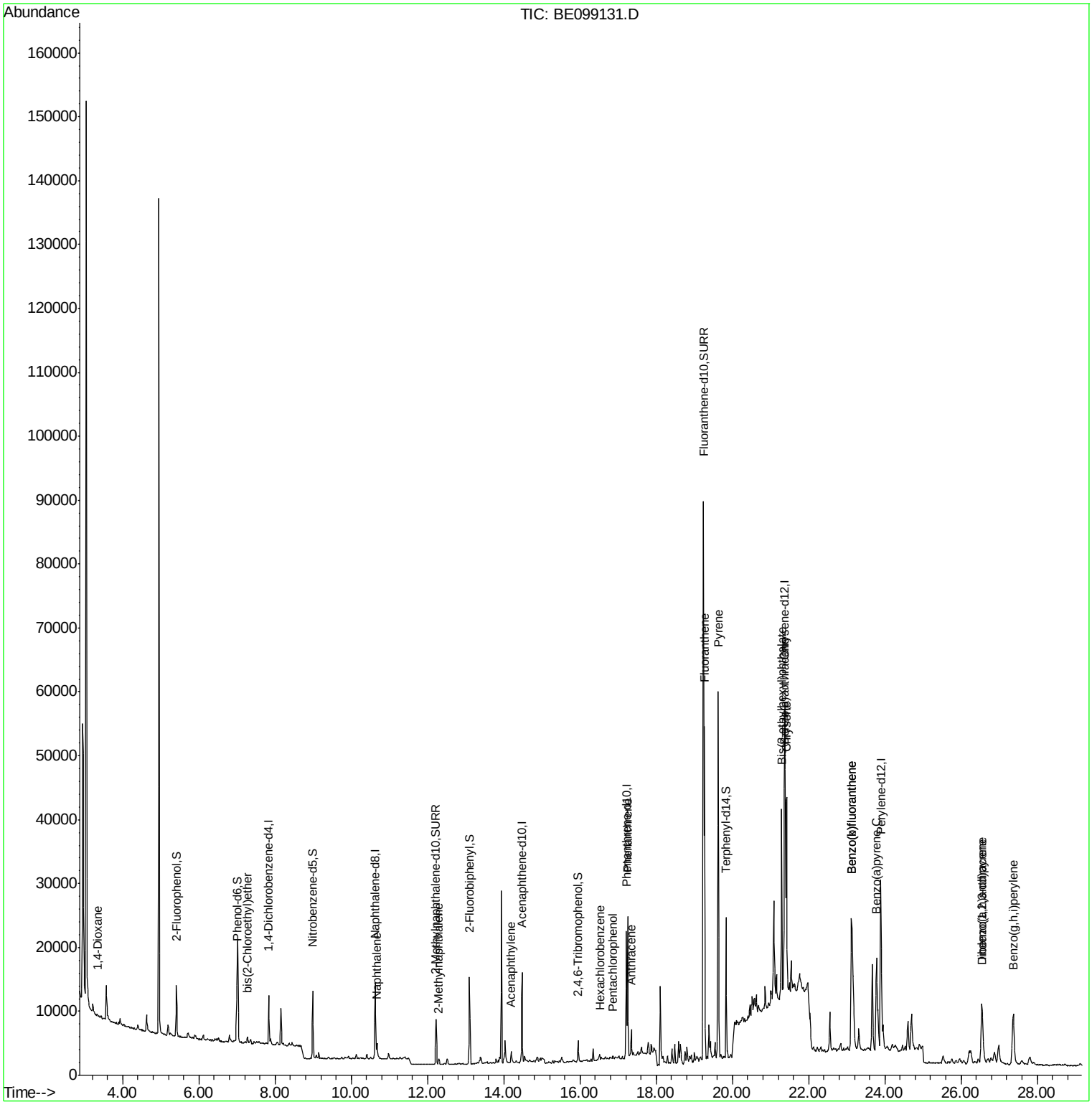
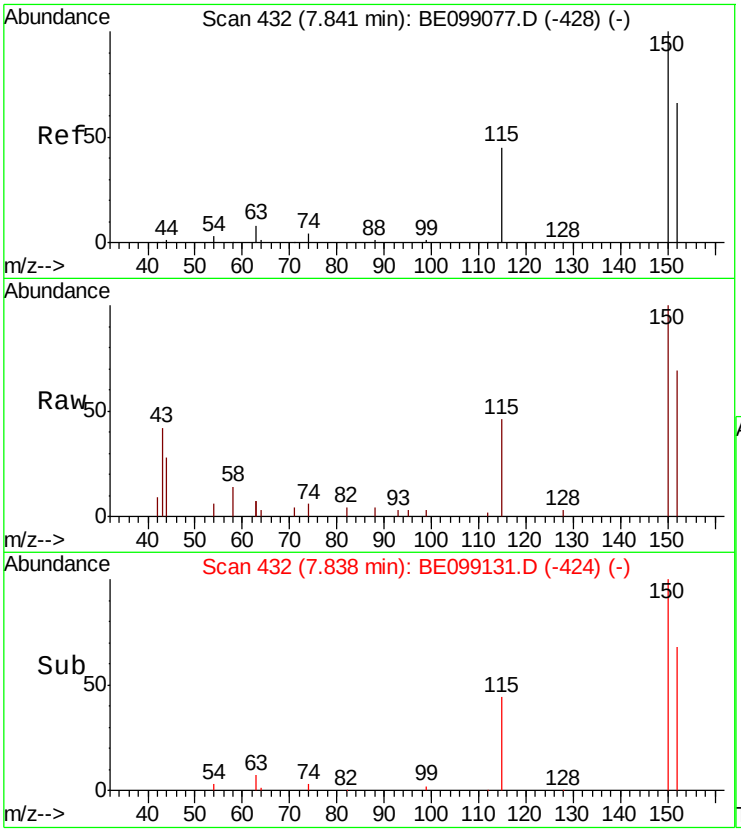


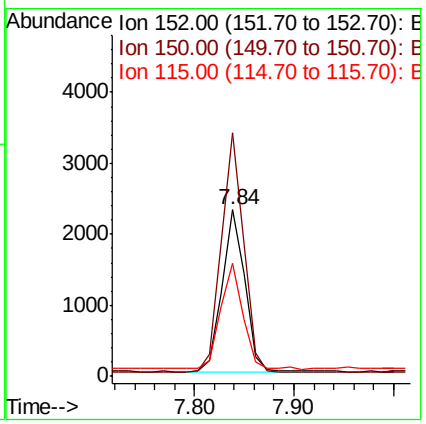


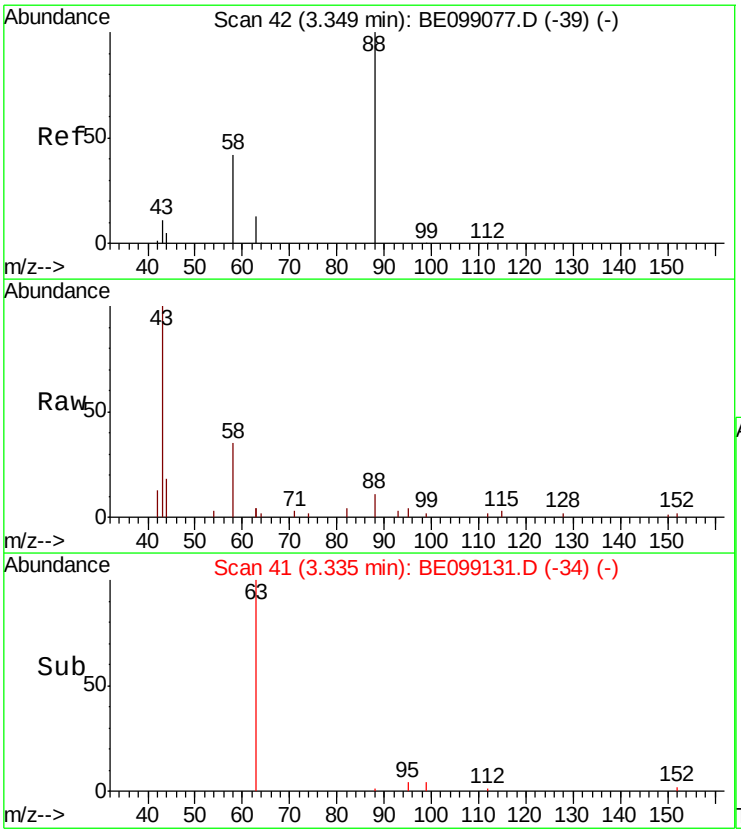
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 3664

Ion	Ratio	Lower	Upper
152	100		
150	146.0	122.5	183.7
115	67.6	57.4	86.2

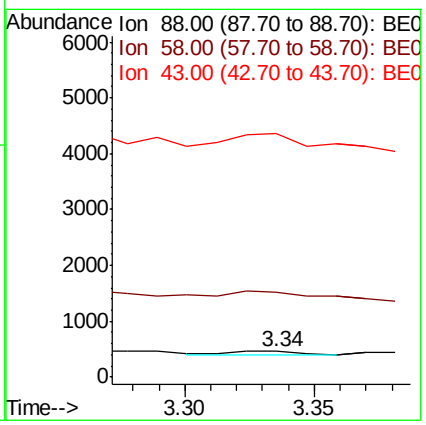


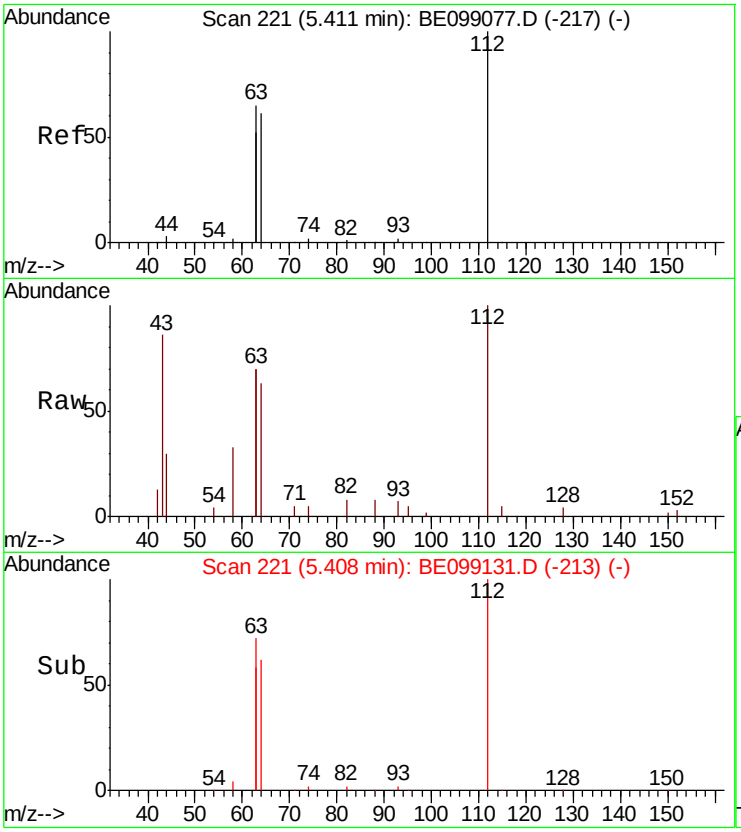


#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion: 88 Resp: 118

Ion	Ratio	Lower	Upper
88	100		
58	336.4	52.0	78.0#
43	655.9	24.0	36.0#



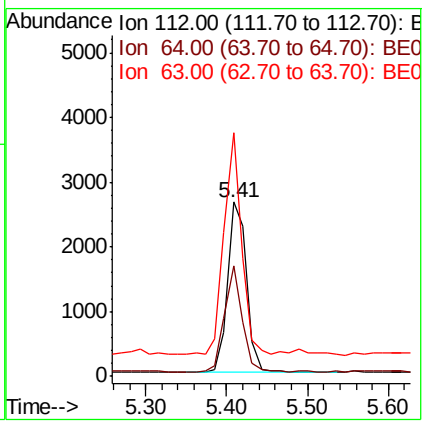


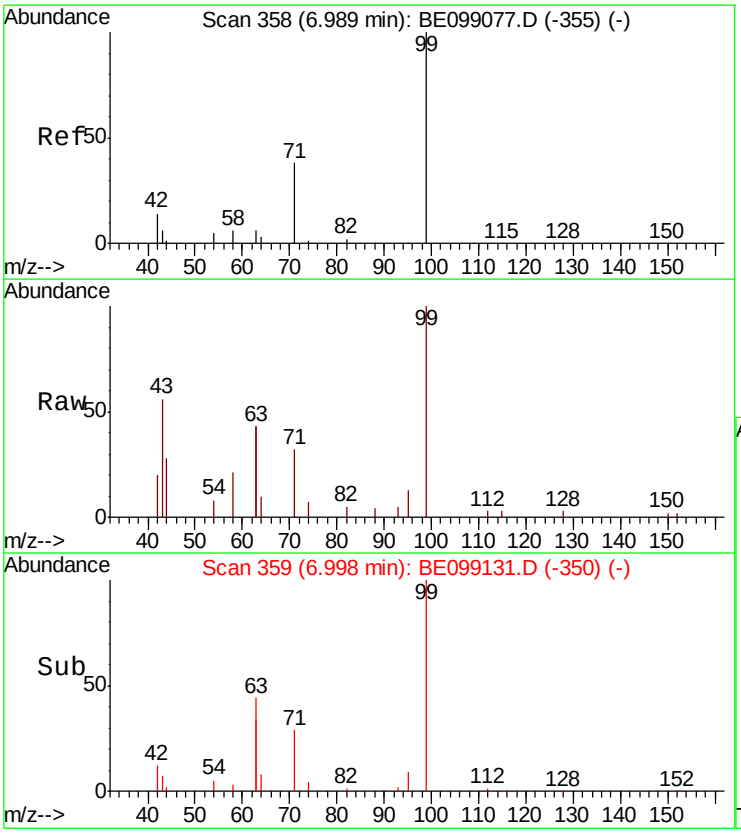
#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:112 Resp: 4278

Ion	Ratio	Lower	Upper
112	100		
64	57.3	57.9	86.9#
63	118.7	158.3	237.5#

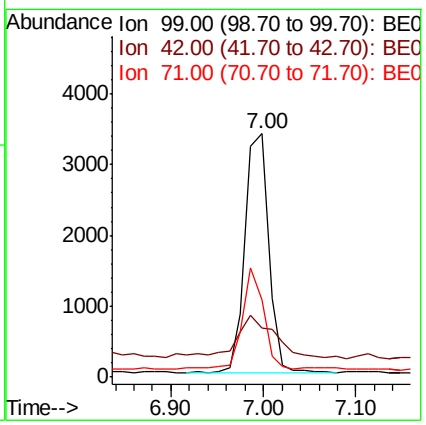


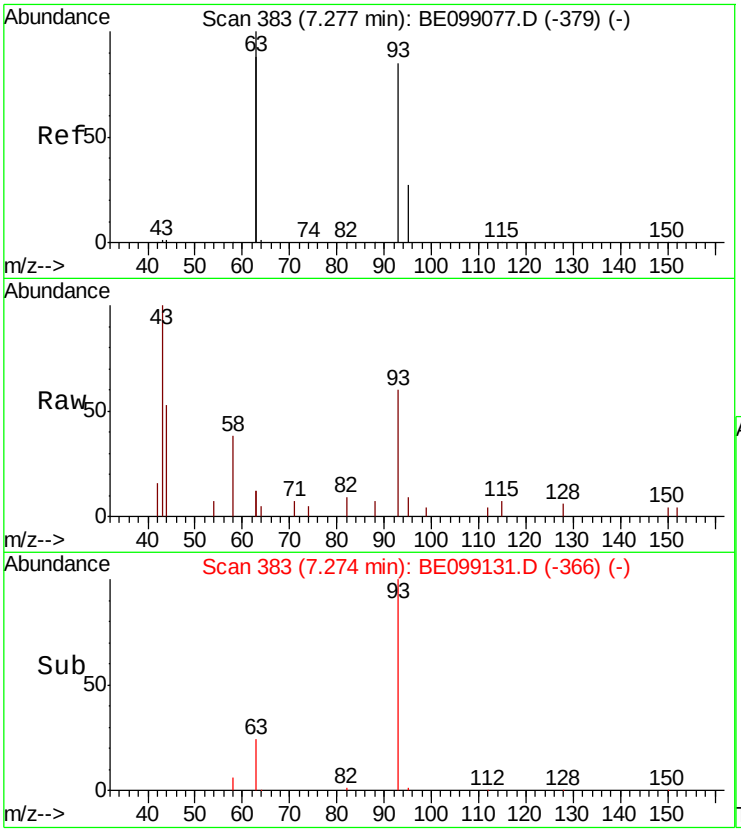


#5
Phenol-d6
Concen: 0.385 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion: 99 Resp: 6051

Ion	Ratio	Lower	Upper
99	100		
42	29.6	24.2	36.2
71	38.5	35.7	53.5



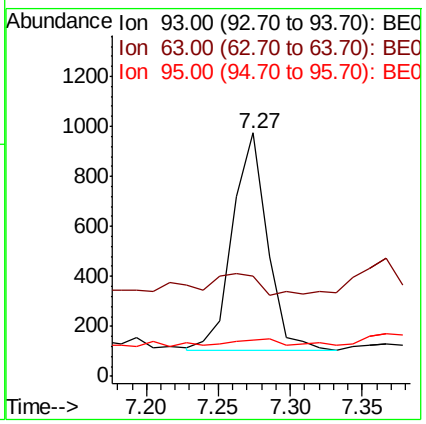


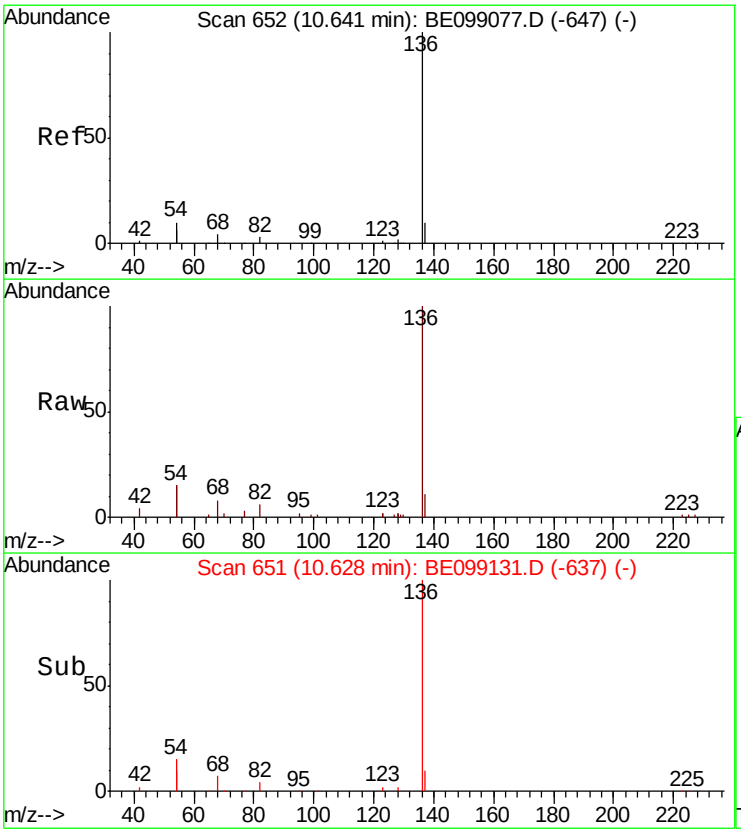
#6
bis(2-Chloroethyl)ether
Concen: 0.114 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 93 Resp: 1454

Ion	Ratio	Lower	Upper
93	100		
63	0.0	247.5	371.3#
95	5.5	21.8	32.8#

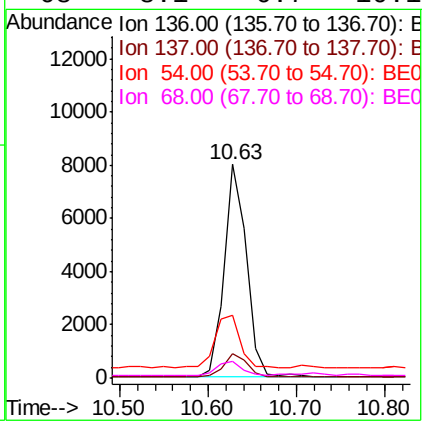


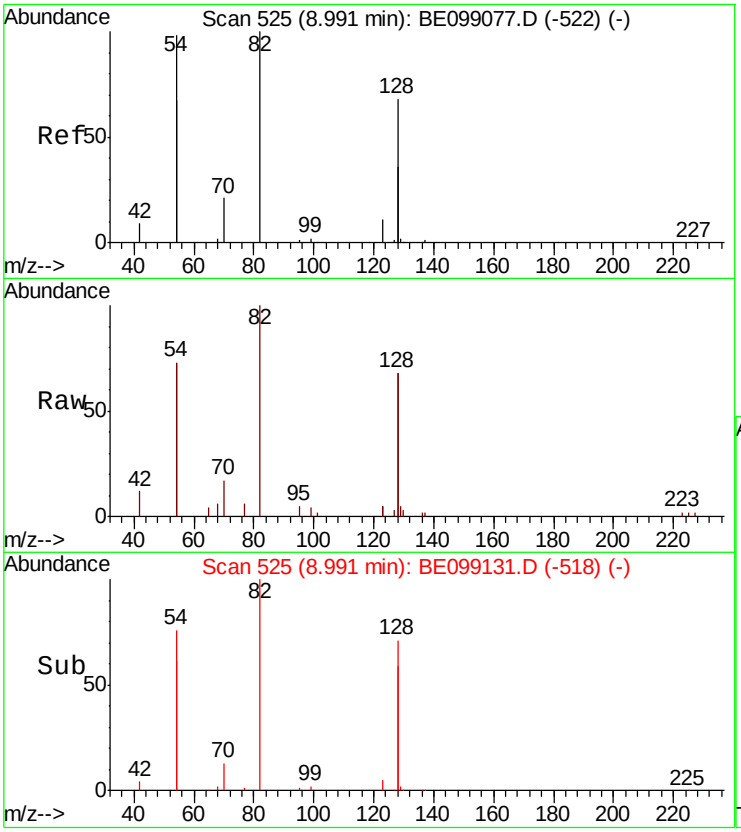


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:136 Resp: 13823

Ion	Ratio	Lower	Upper
136	100		
137	11.1	11.4	17.0#
54	29.5	39.3	58.9#
68	8.1	6.7	10.1



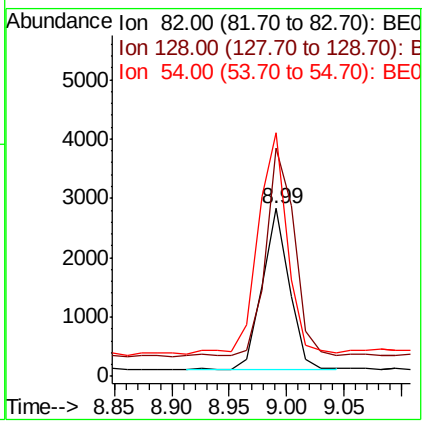


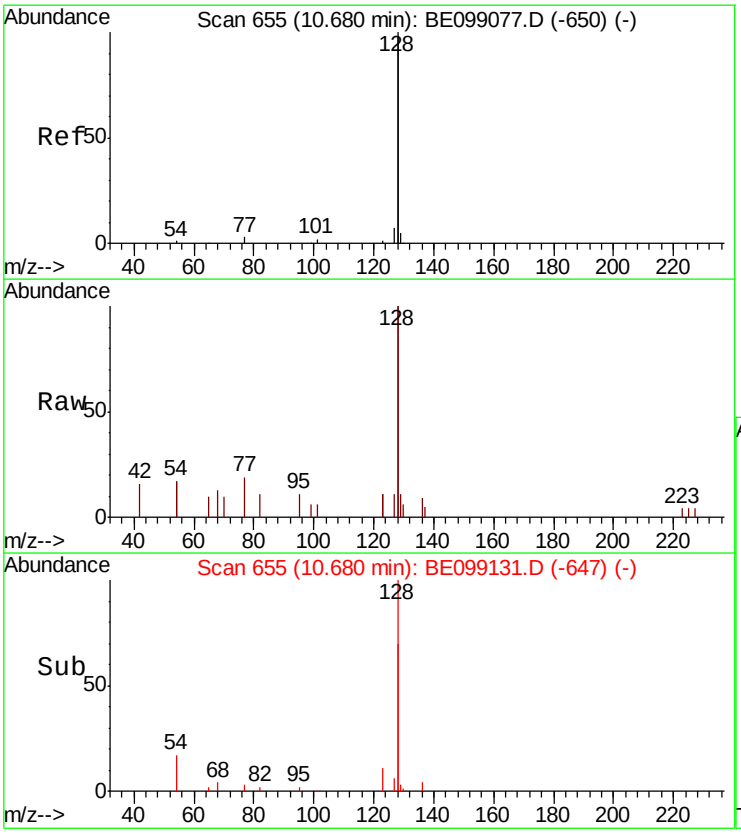
#8
Nitrobenzene-d5
Concen: 0.751 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 82 Resp: 4536

Ion	Ratio	Lower	Upper
82	100		
128	136.0	123.8	185.8
54	145.0	203.4	305.2#

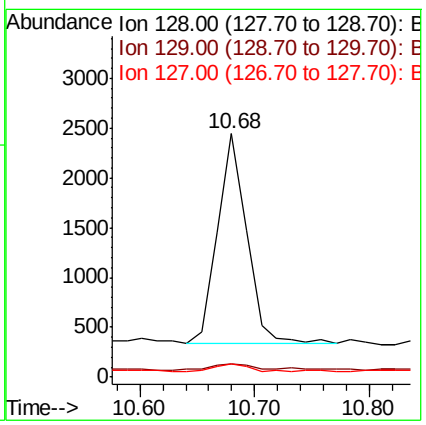


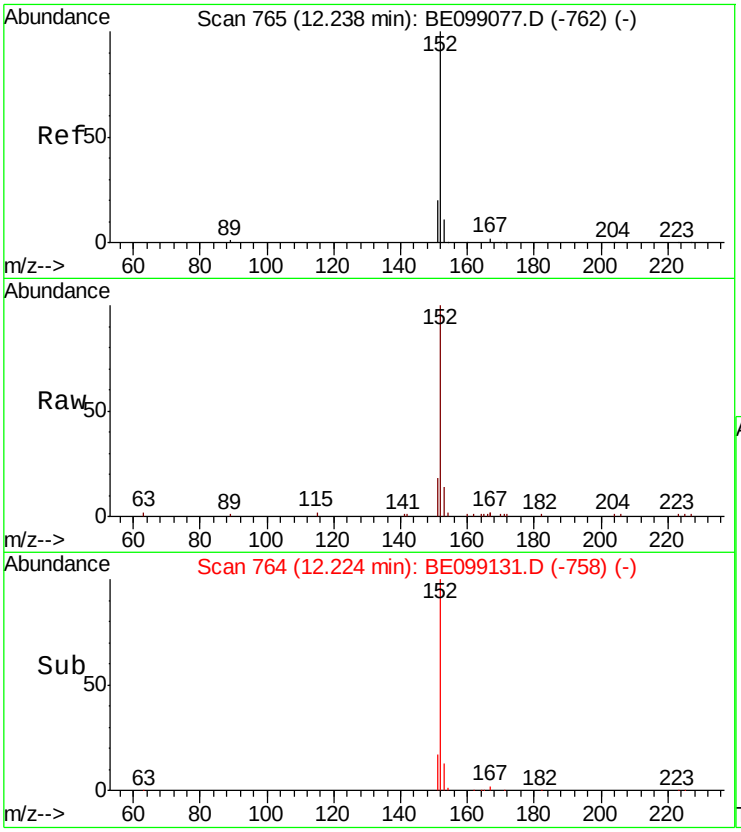


#9
Naphthalene
Concen: 0.023 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:128 Resp: 3763

Ion	Ratio	Lower	Upper
128	100		
129	5.3	2.6	4.0#
127	5.6	3.1	4.7#



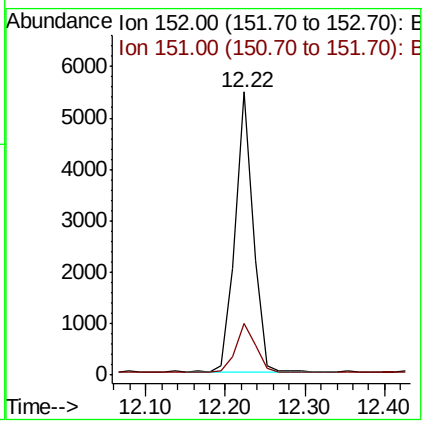


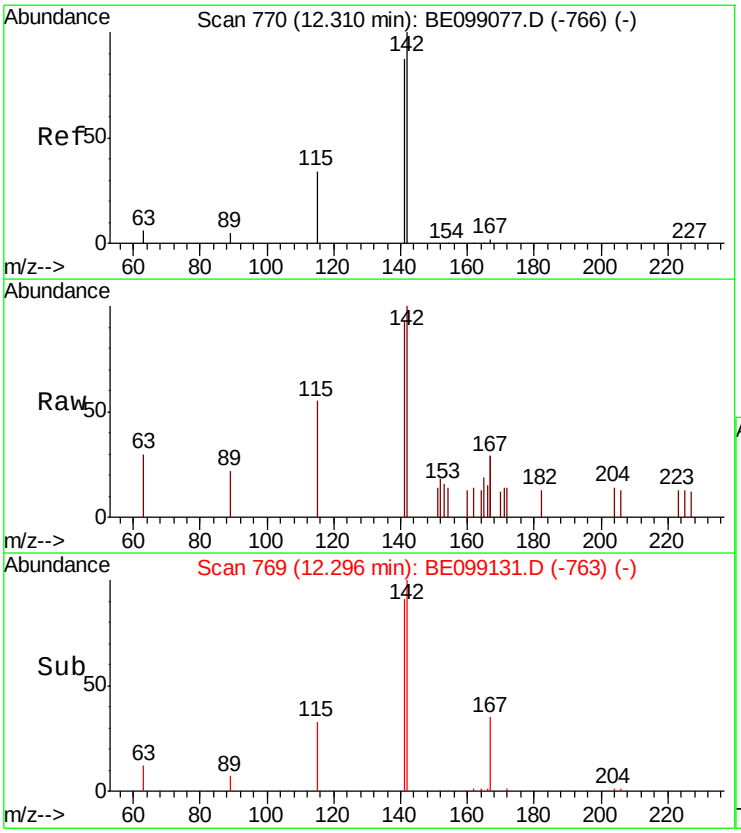
#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 8601

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7

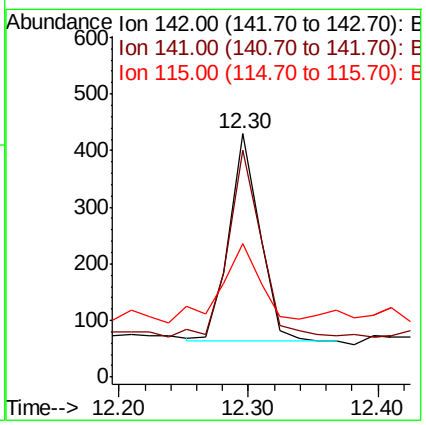


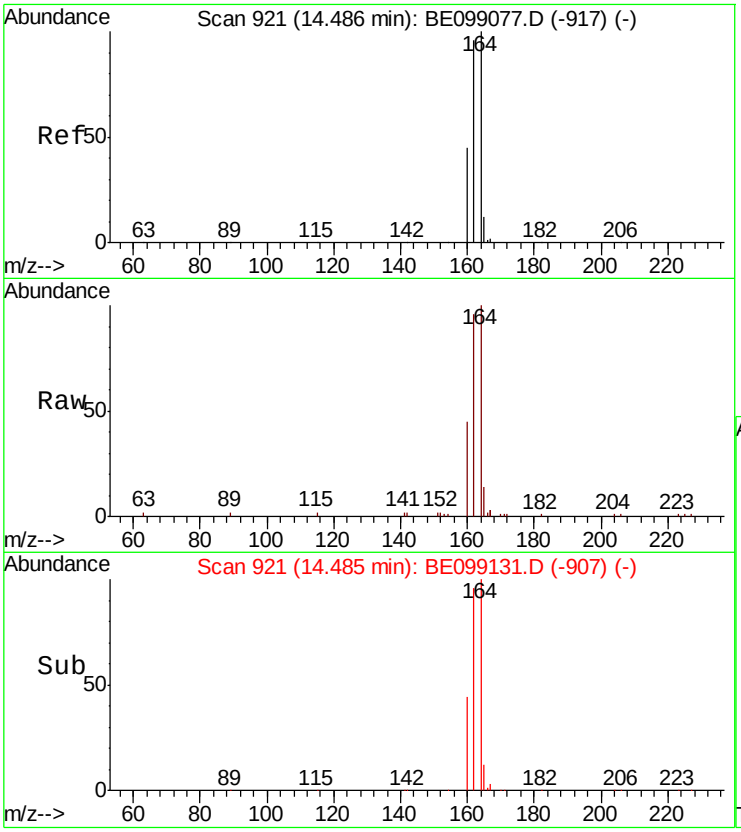


#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:142 Resp: 602

Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.6	108.8
115	54.7	37.4	56.2



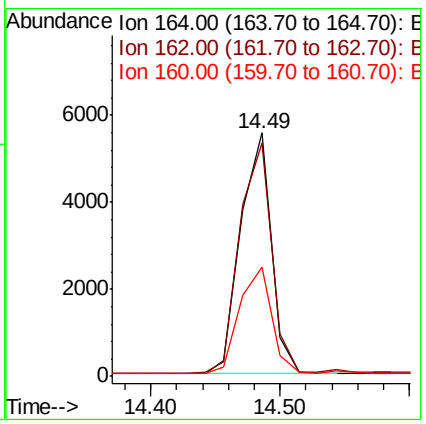


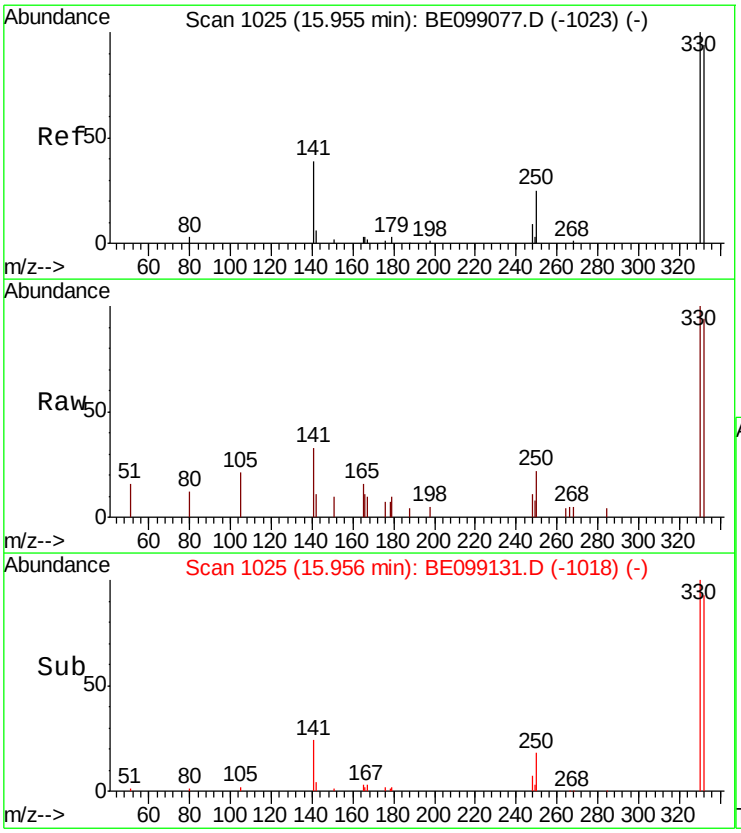
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 9086

Ion	Ratio	Lower	Upper
164	100		
162	95.9	80.2	120.2
160	44.9	37.8	56.8

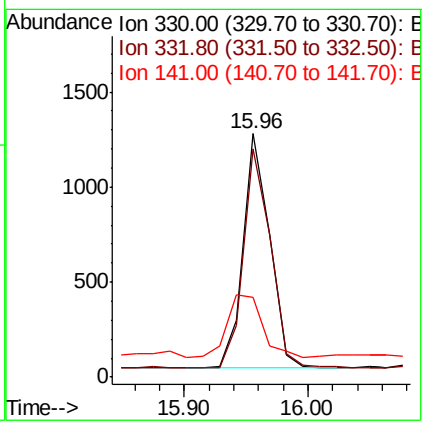


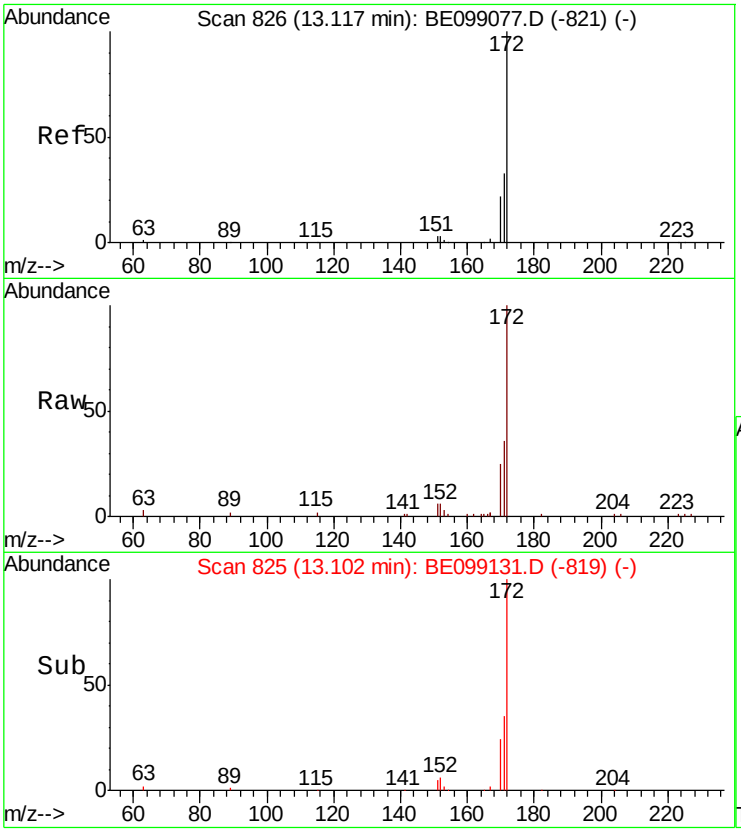


#14
2,4,6-Tribromophenol
Concen: 0.690 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:330 Resp: 1844

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	35.0	31.0	46.4



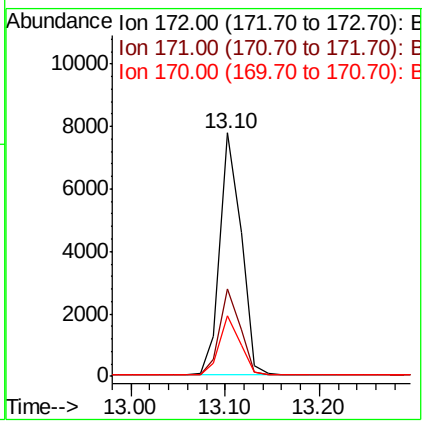


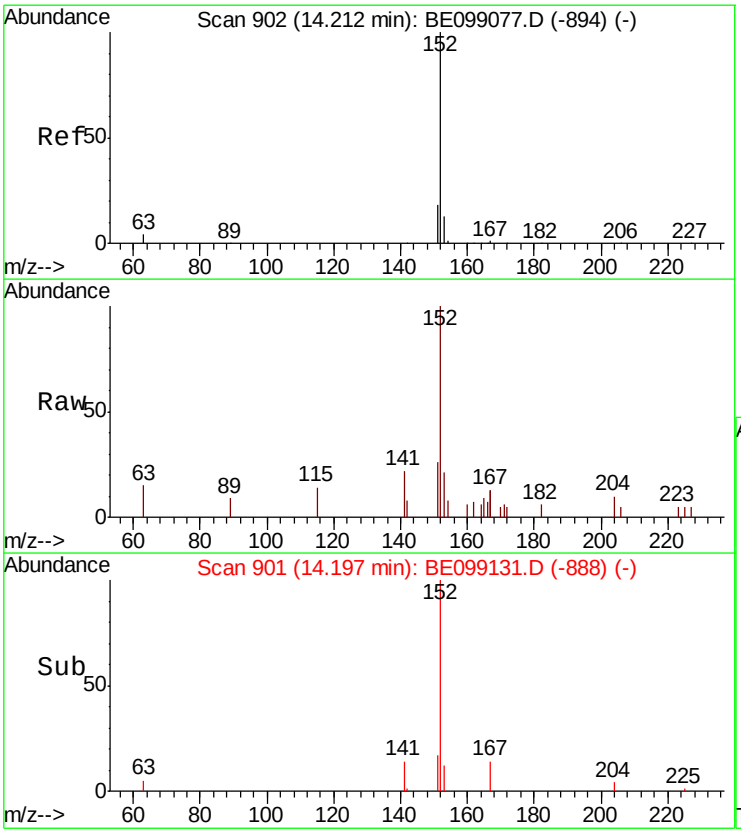
#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 12035

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.0	42.0
170	24.7	17.7	26.5

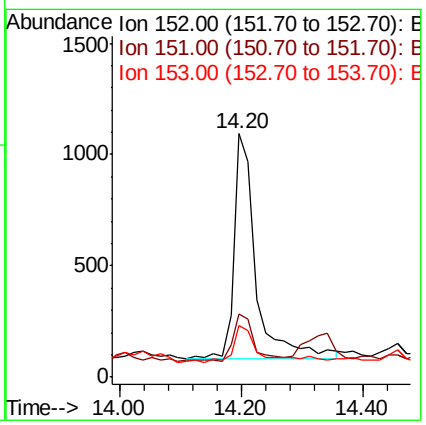


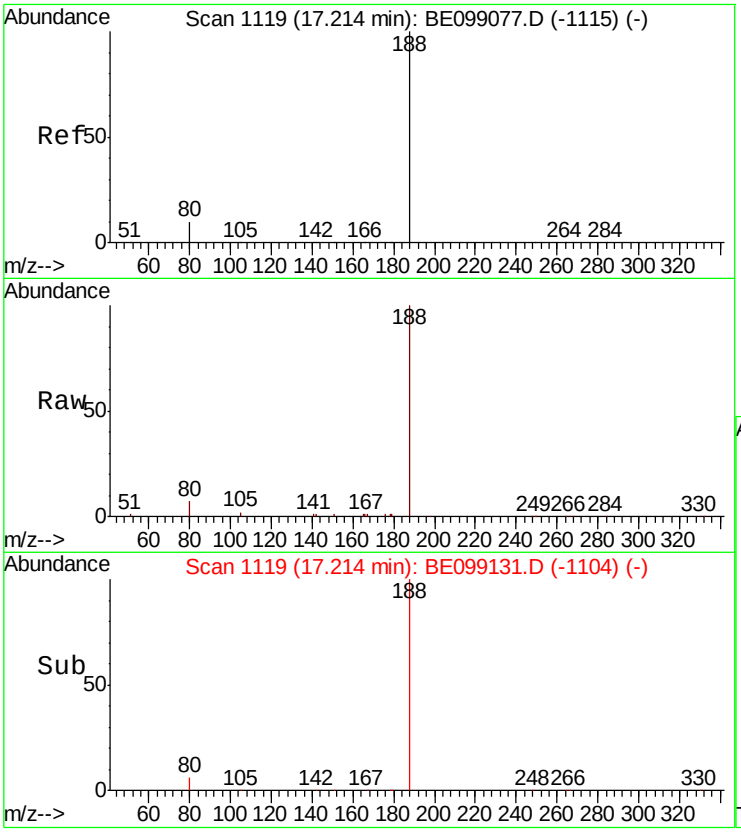


#16
Acenaphthylene
Concen: 0.053 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:152 Resp: 2566

Ion	Ratio	Lower	Upper
152	100		
151	18.2	17.0	25.6
153	17.4	11.2	16.8#



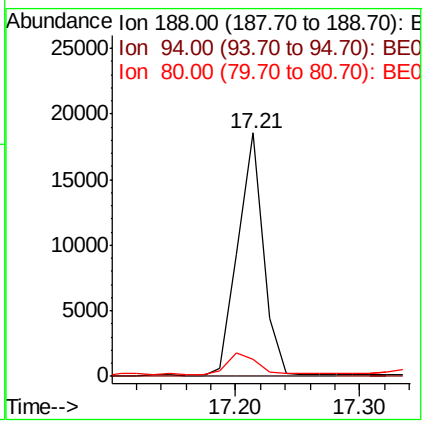


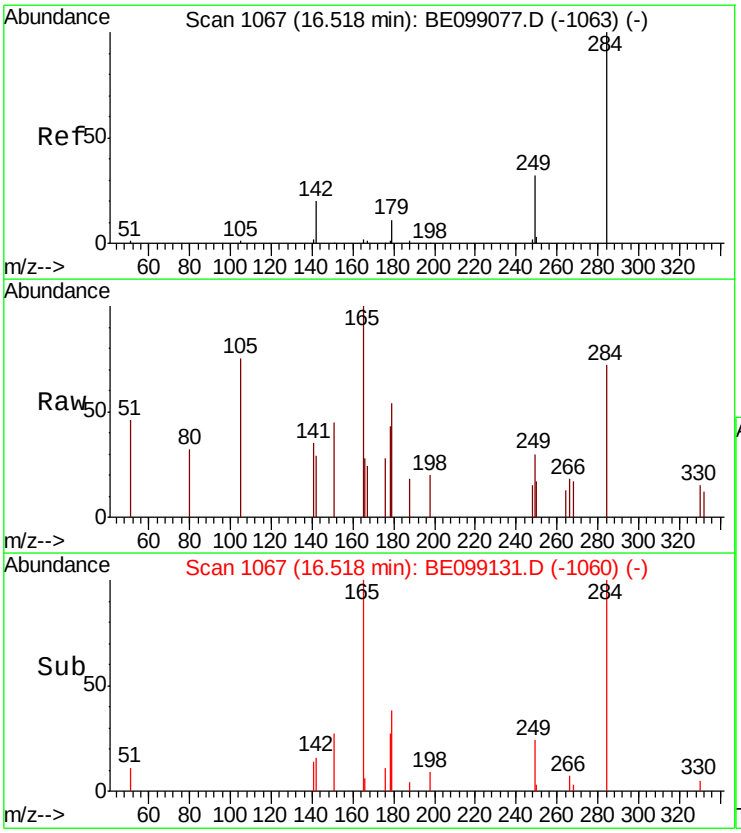
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 26367

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	6.3	9.5

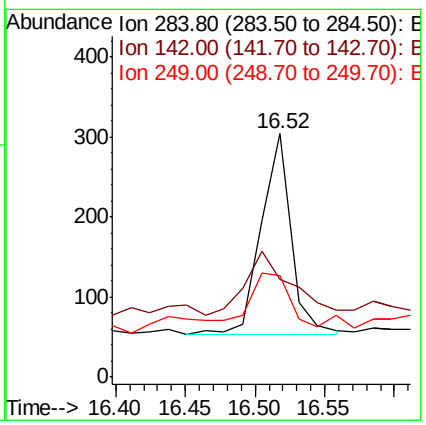


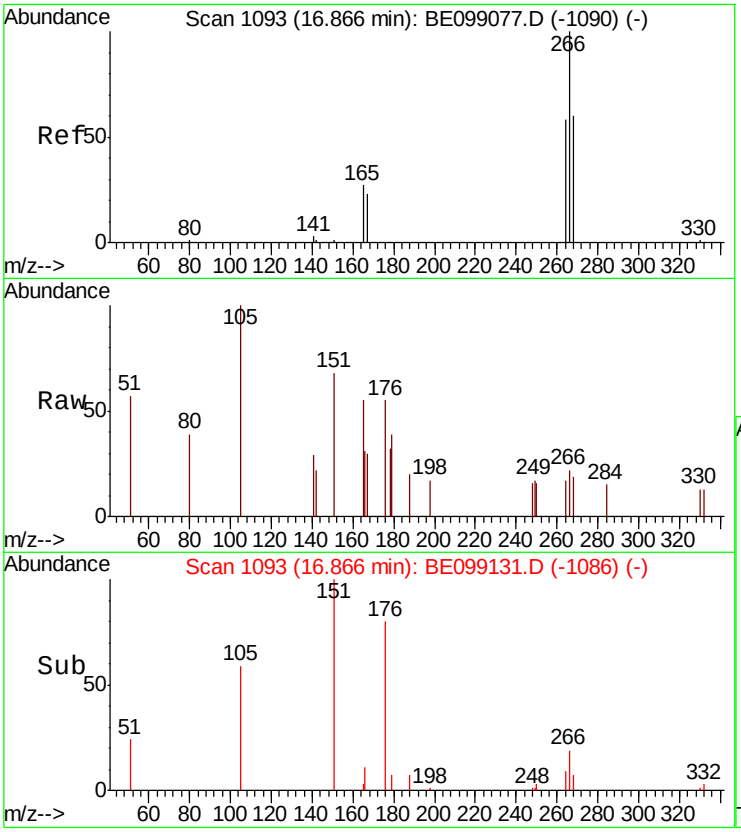


#21
Hexachlorobenzene
Concen: 0.028 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:284 Resp: 382

Ion	Ratio	Lower	Upper
284	100		
142	46.6	28.7	43.1#
249	32.5	29.6	44.4



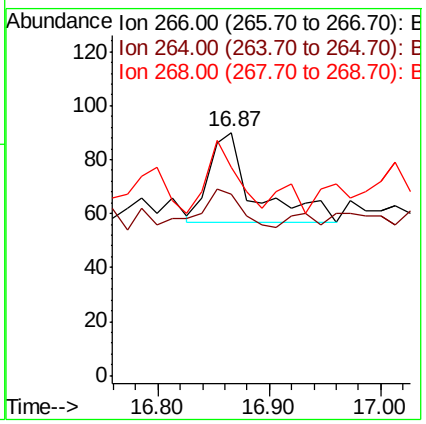


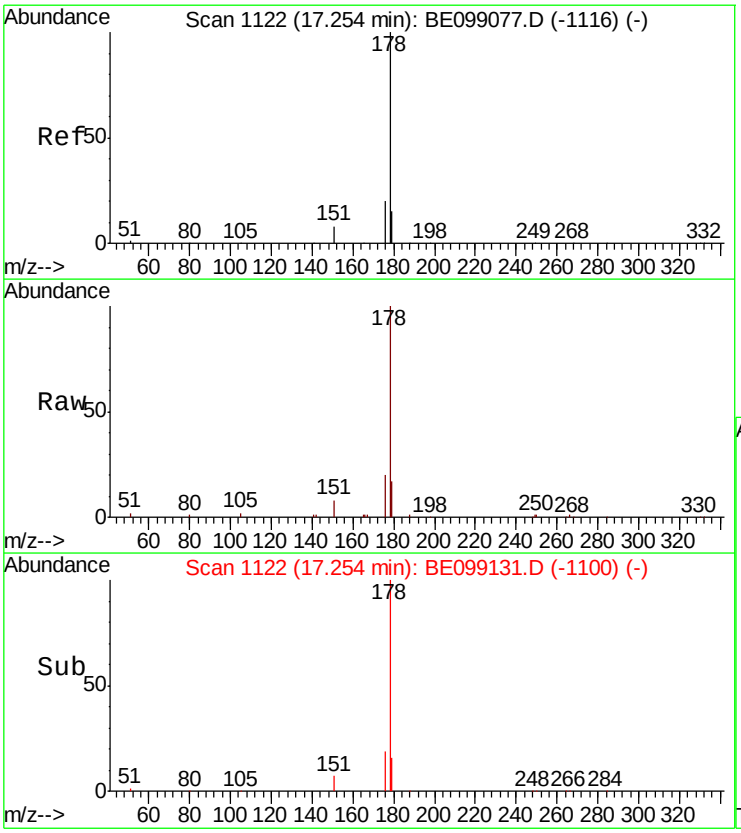
#22
Pentachlorophenol
Concen: 0.268 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:266 Resp: 92

Ion	Ratio	Lower	Upper
266	100		
264	74.4	66.6	100.0
268	85.6	69.8	104.8

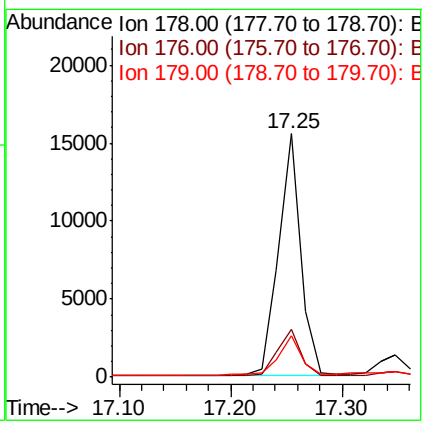


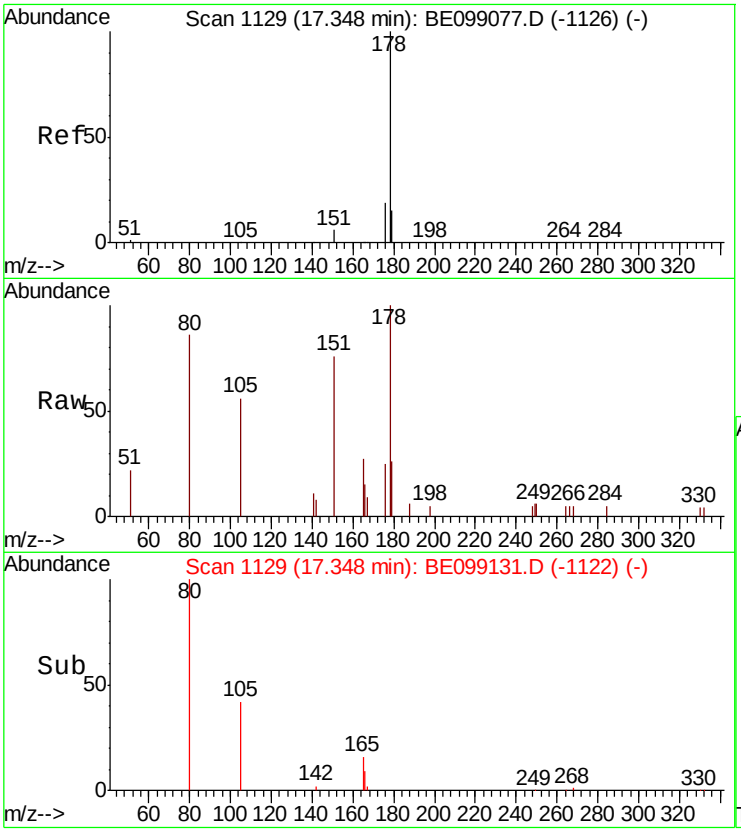


#23
Phenanthrene
Concen: 0.277 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:178 Resp: 21720

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.7	12.1	18.1



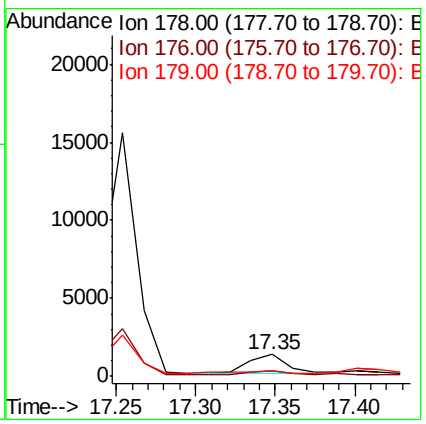


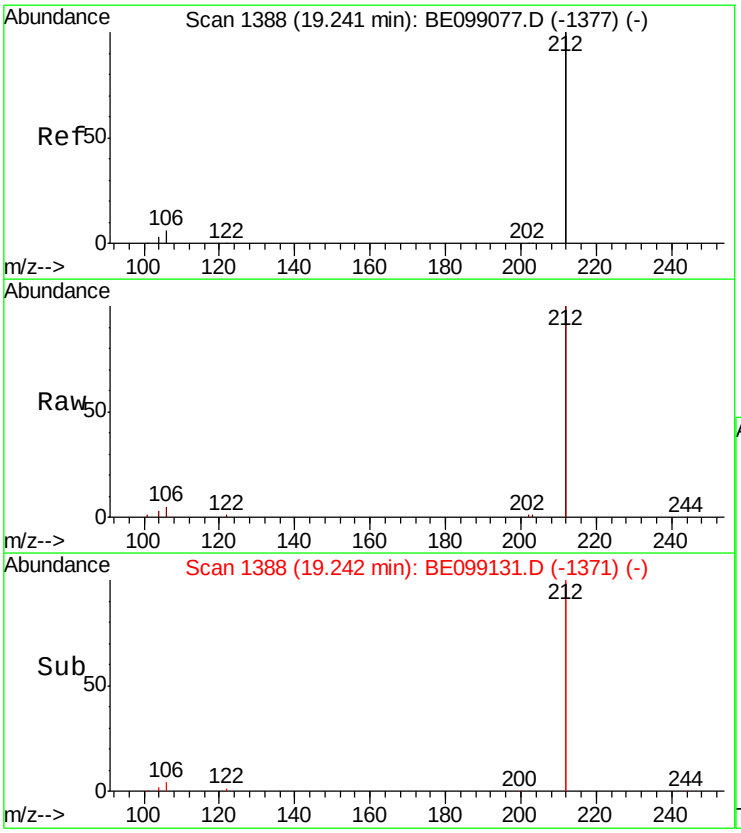
#24
Anthracene
Concen: 0.028 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 2038

Ion	Ratio	Lower	Upper
178	100		
176	24.7	15.4	23.0#
179	16.5	12.2	18.4

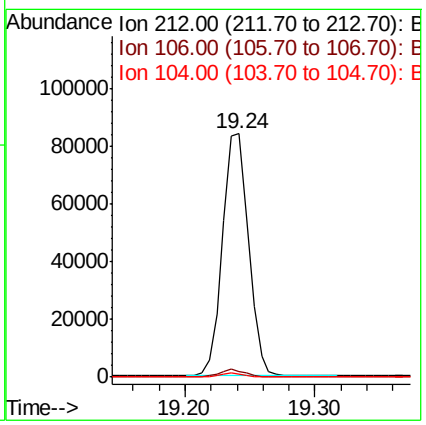


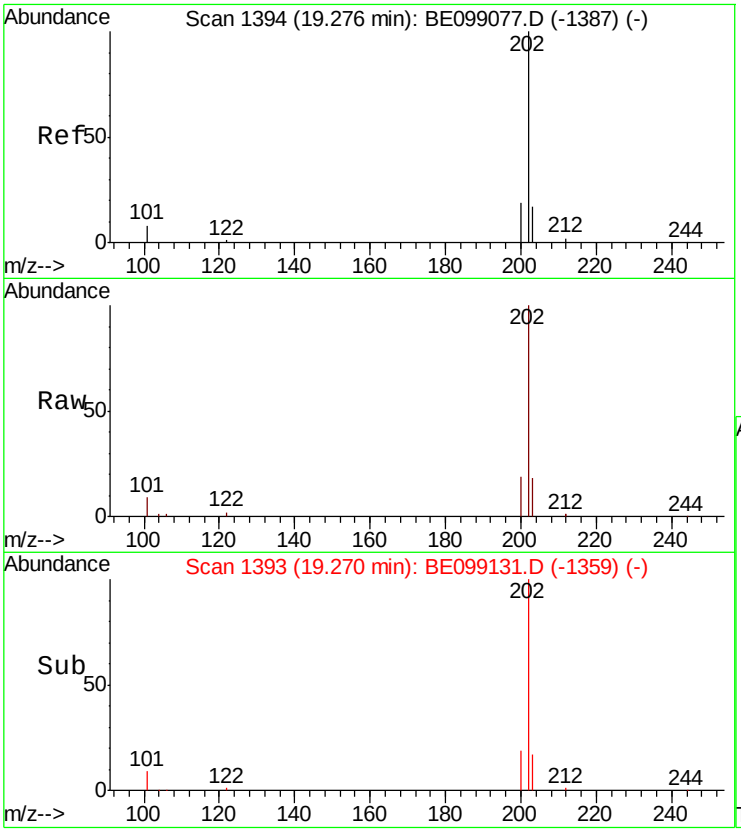


#25
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:212 Resp: 115861

Ion	Ratio	Lower	Upper
212	100		
106	2.8	1.8	2.8#
104	1.5	1.0	1.6



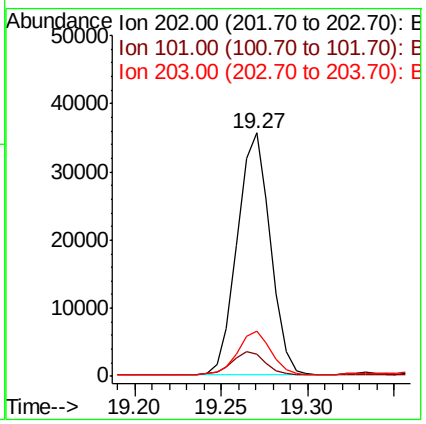


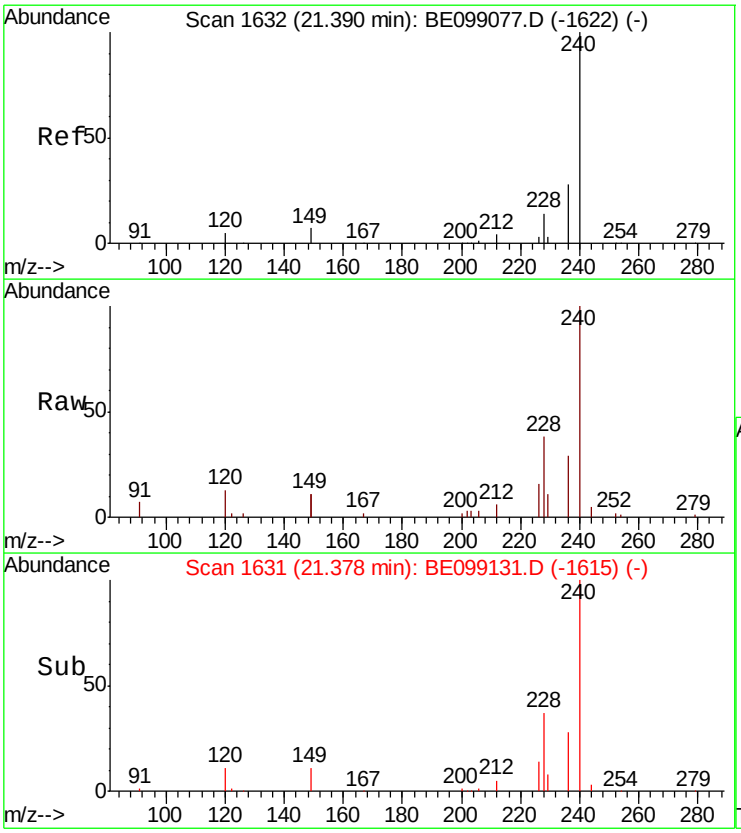
#26
Fluoranthene
Concen: 0.430 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:202 Resp: 47419

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.3	10.9
203	17.4	13.4	20.2

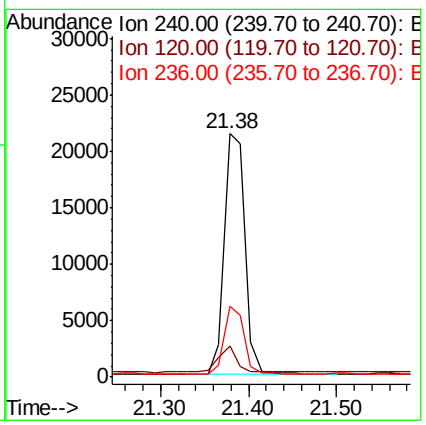


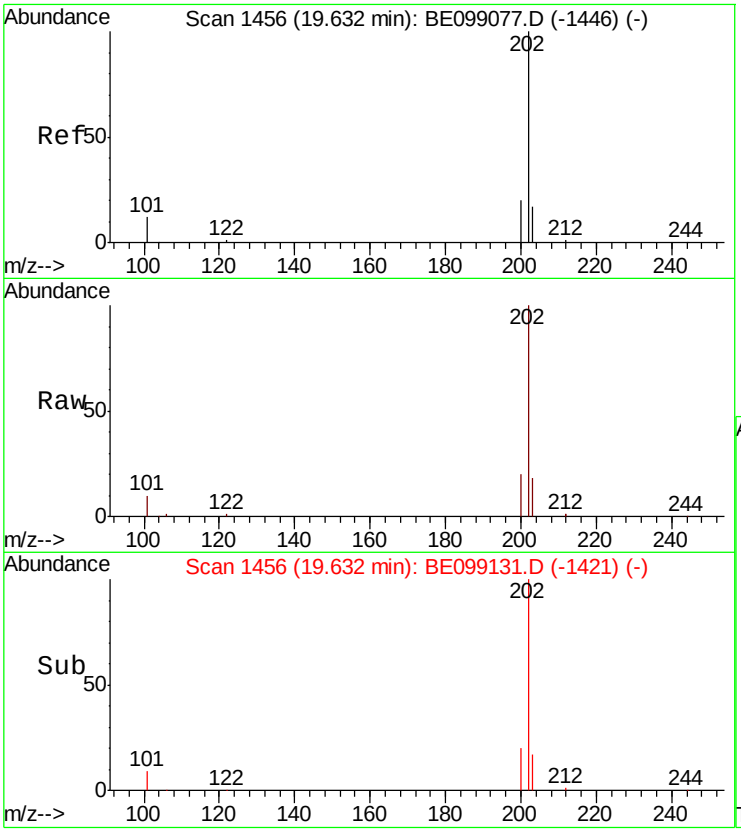


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:240 Resp: 34949

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.0	7.4#
236	29.2	22.7	34.1



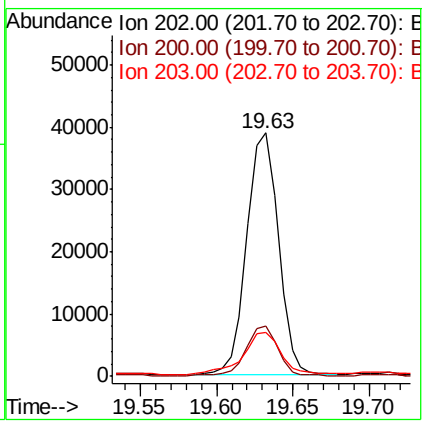


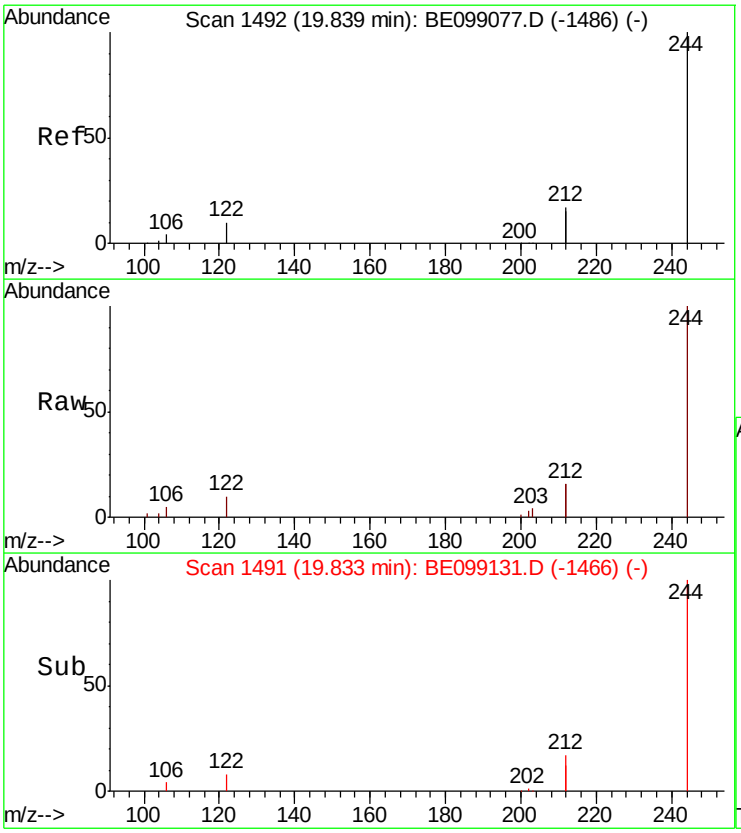
#28
Pyrene
Concen: 0.470 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:202 Resp: 55708

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	20.3	14.2	21.2

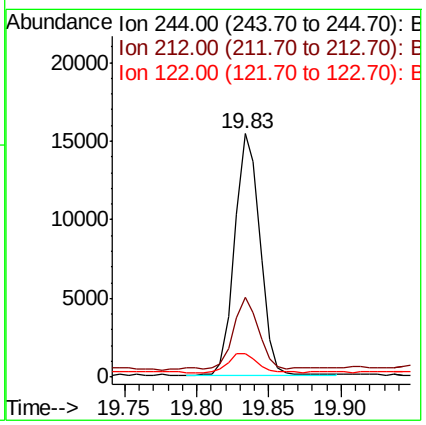


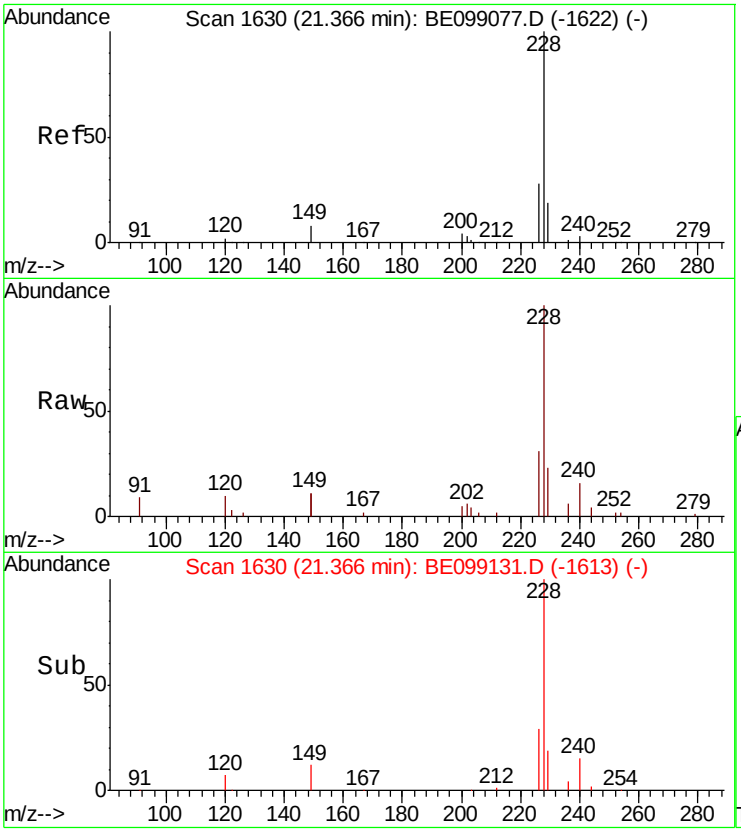


#29
Terphenyl-d14
Concen: 0.252 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:244 Resp: 18631

Ion	Ratio	Lower	Upper
244	100		
212	32.8	29.4	44.2
122	9.9	7.1	10.7



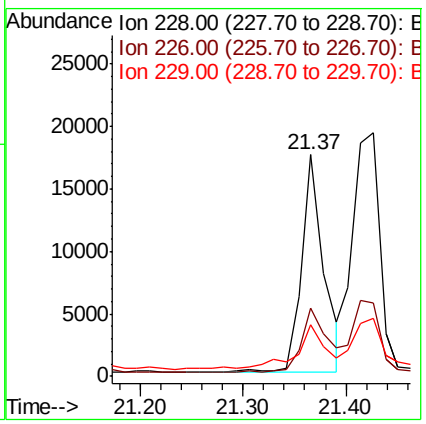


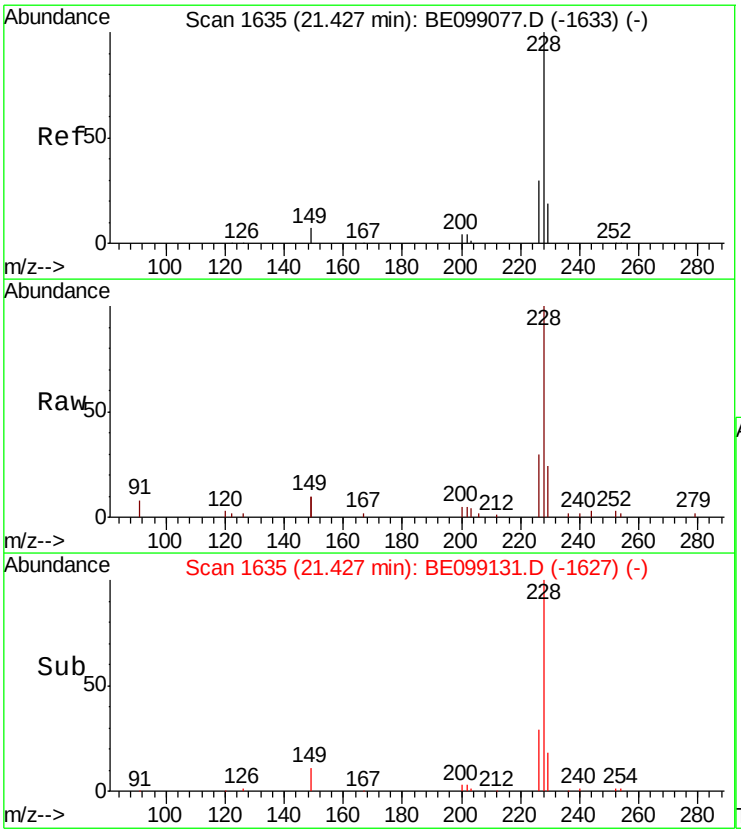
#30
Benzo(a)anthracene
Concen: 0.214 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 26330

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.0	34.4
229	23.3	16.5	24.7

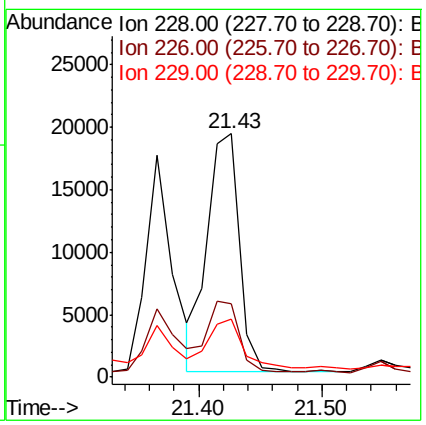


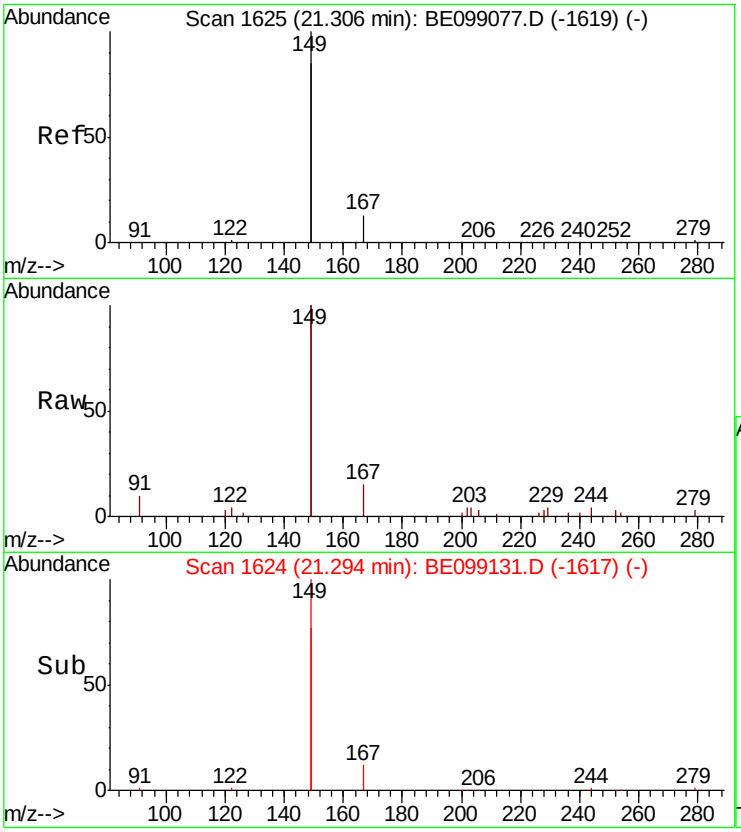


#31
Chrysene
Concen: 0.280 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:228 Resp: 34477

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	24.1	16.1	24.1



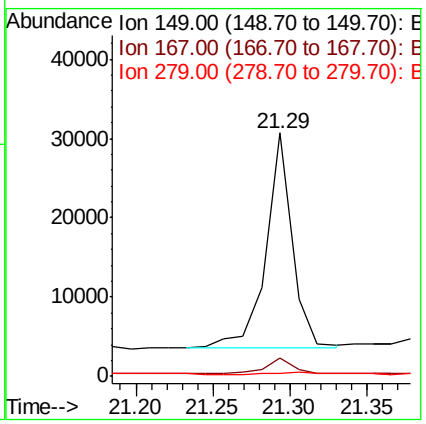


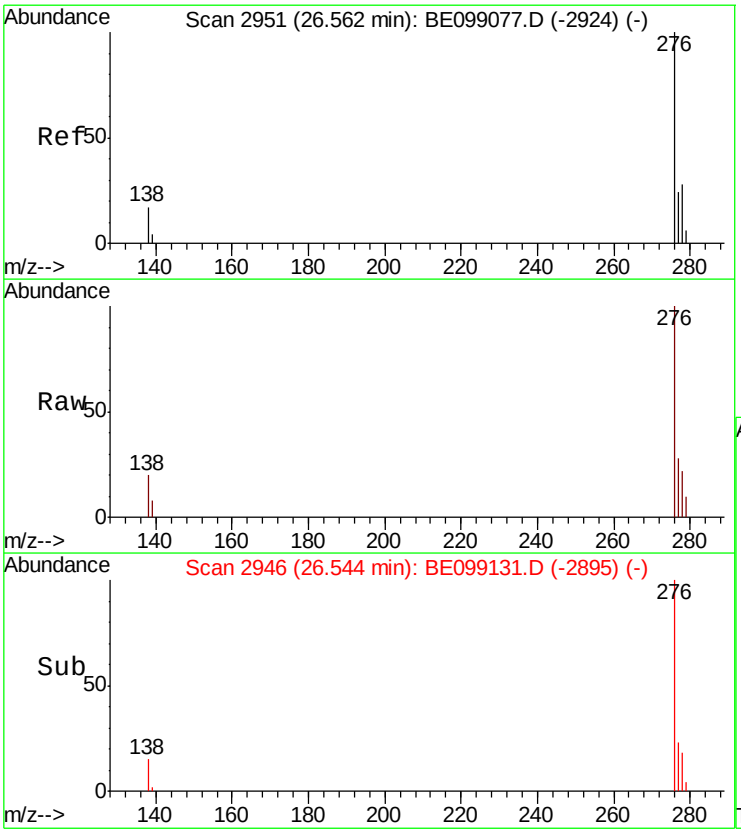
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.201 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:149 Resp: 32190

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.4	8.0
279	1.7	1.0	1.4#

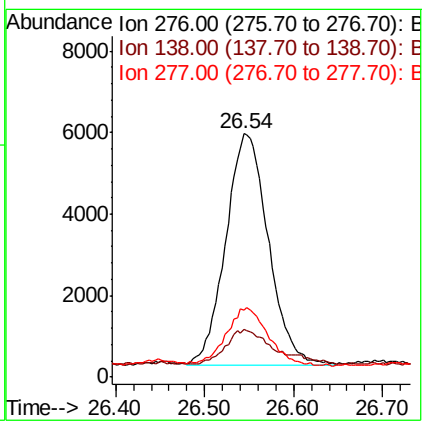


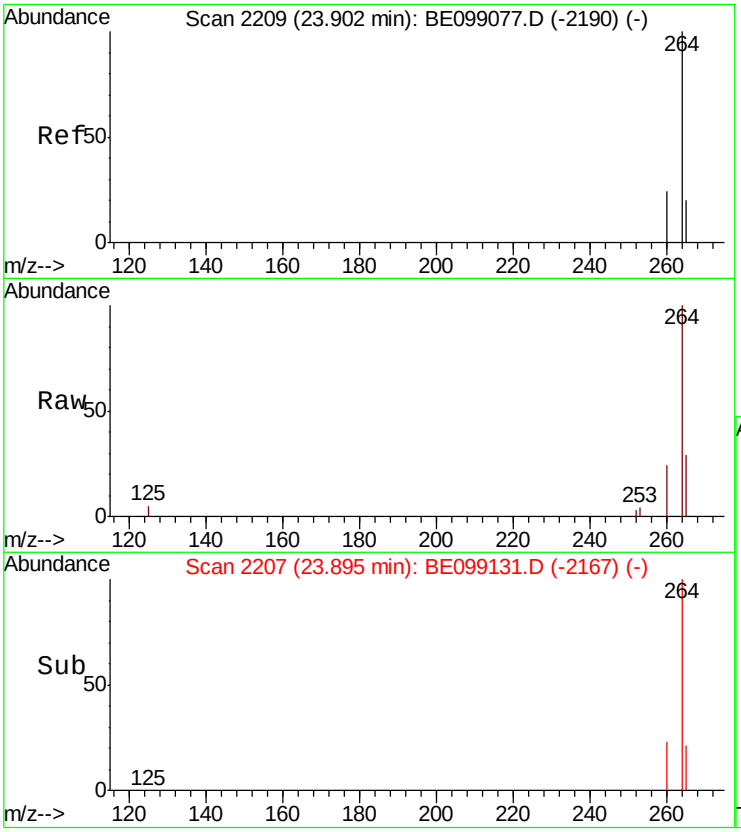


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.142 ng
RT: 26.54 min Scan# 2946
Delta R.T. -0.02 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:276 Resp: 18834

Ion	Ratio	Lower	Upper
276	100		
138	14.2	13.8	20.8
277	24.9	19.5	29.3



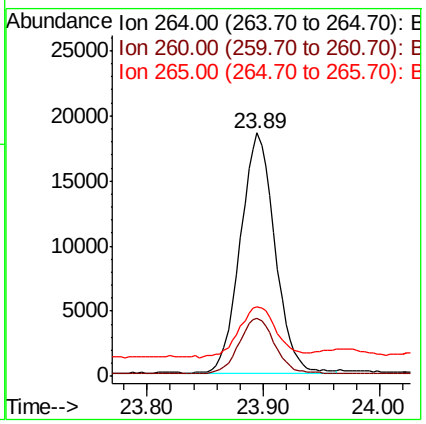


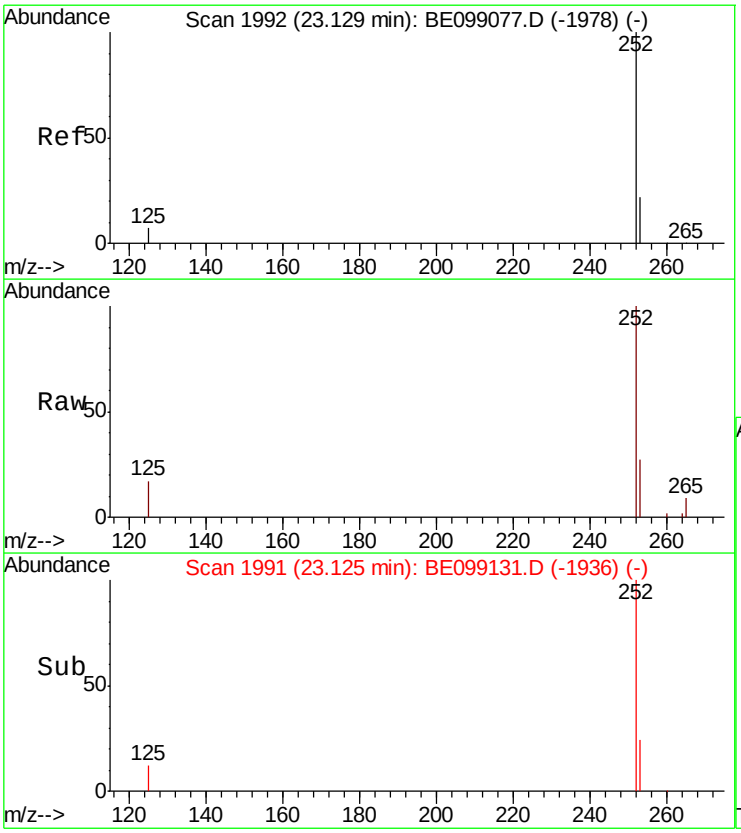
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:264 Resp: 38082

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.2	31.8
265	28.5	24.6	36.8

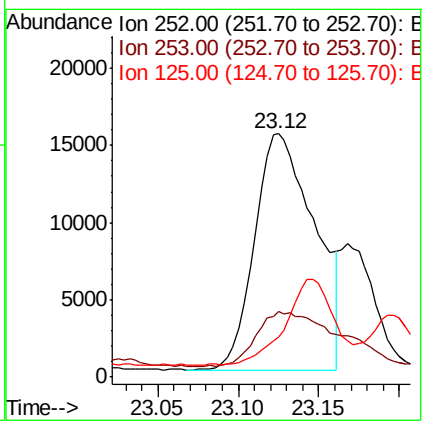


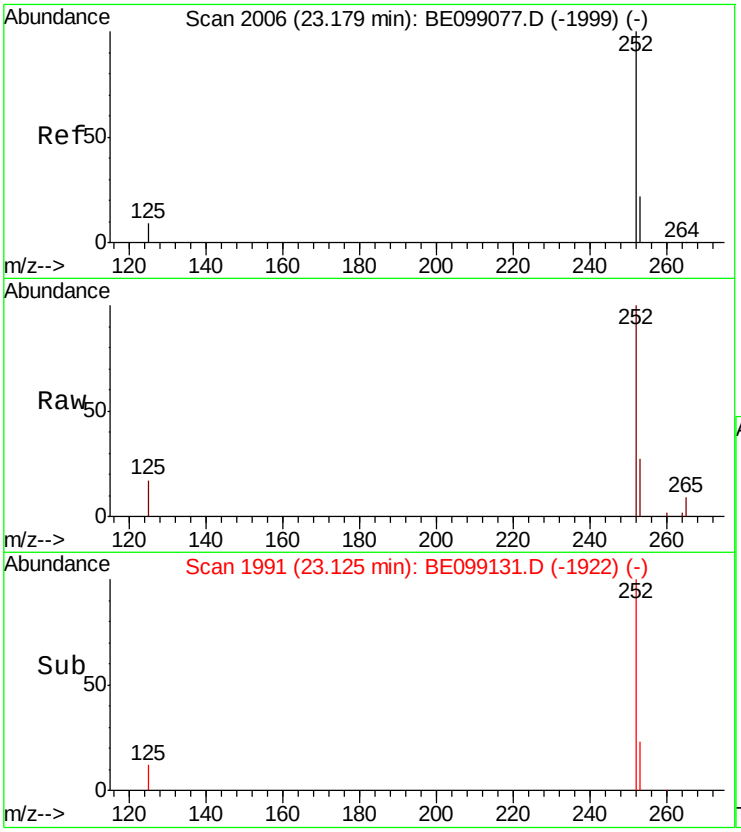


#35
Benzo(b)fluoranthene
Concen: 0.304 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:252 Resp: 40103

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.2	27.2
125	16.6	7.3	10.9#



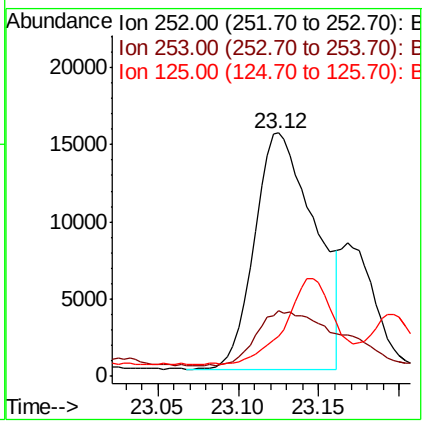


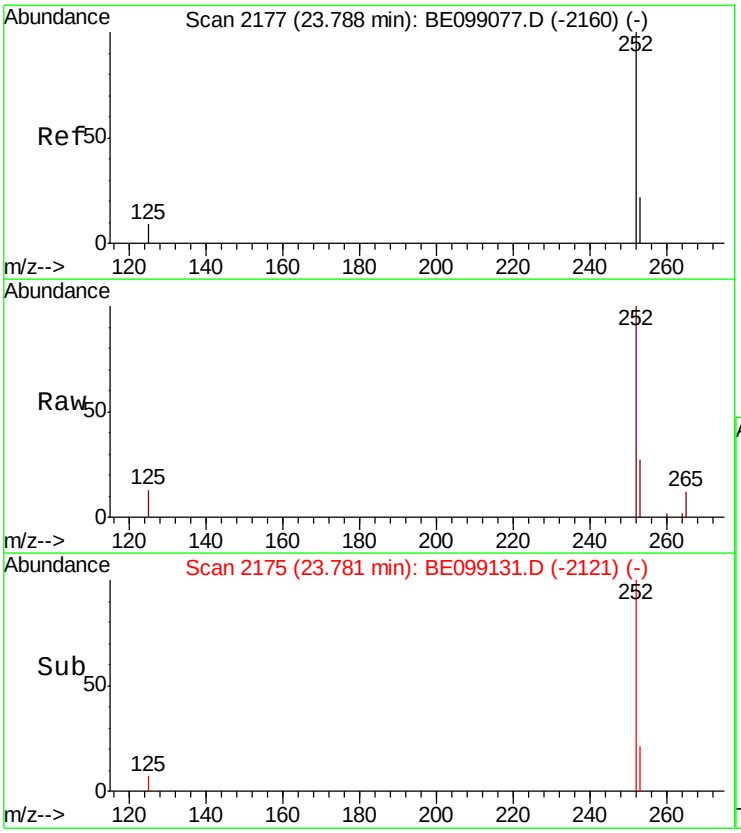
#36
Benzo(k)fluoranthene
Concen: 0.311 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 40103

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.3	28.9
125	16.6	7.5	11.3#

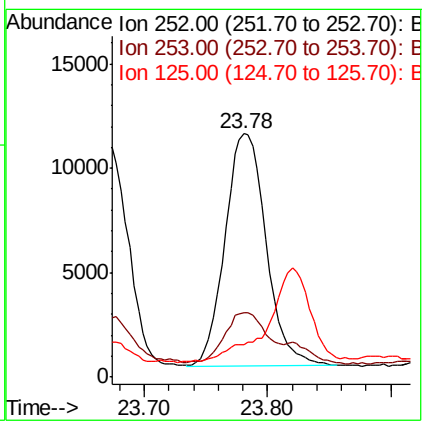


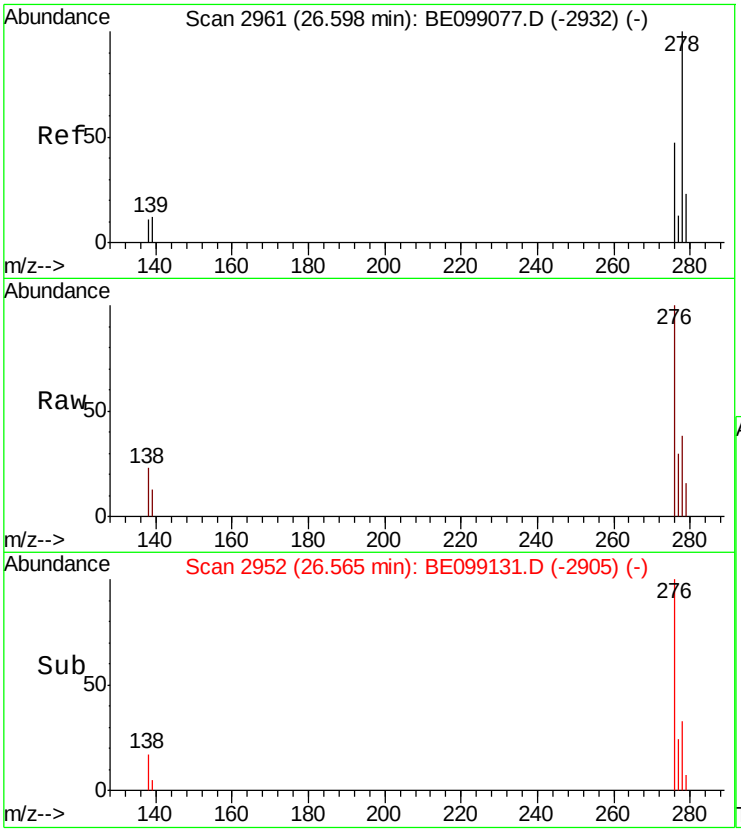


#37
Benzo(a)pyrene
Concen: 0.212 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:252 Resp: 25823

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.9	29.9
125	13.4	9.0	13.4



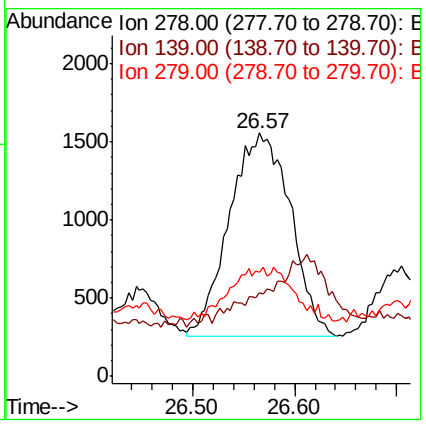


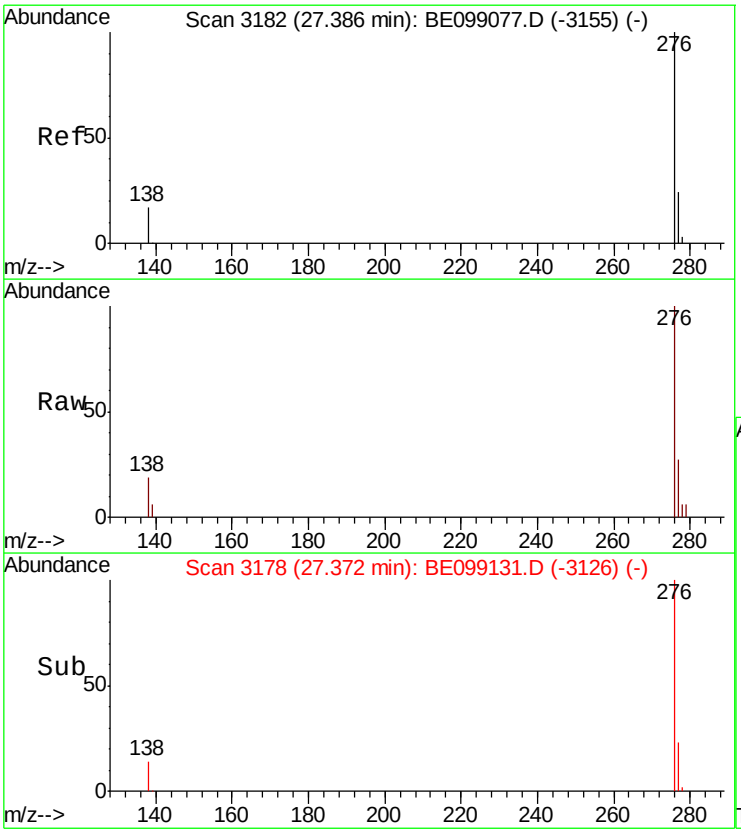
#38
Dibenzo(a,h)anthracene
Concen: 0.046 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.03 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:278 Resp: 5410

Ion	Ratio	Lower	Upper
278	100		
139	34.2	11.8	17.6#
279	42.9	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.168 ng
RT: 27.37 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:276 Resp: 20386

Ion	Ratio	Lower	Upper
276	100		
277	27.4	20.4	30.6
138	19.2	13.6	20.4