Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
Data File : BE099576.D
Acq On : 8 May 2019 11:17
Operator : JU/SJ
Sample : PB119274BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 08 17:06:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 14:10:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1919	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6664	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4214	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11880	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17089	0.40	ng	0.00
34) Perylene-d12	23.97	264	21083	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1806	0.34	ng	0.00
5) Phenol-d6	6.99	99	2413	0.34	ng	0.00
8) Nitrobenzene-d5	8.98	82	2095	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	5042	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	713	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	5603	0.35	ng	0.00
25) Fluoranthene-d10	19.27	212	53159	0.33	ng	0.00
29) Terphenyl-d14	19.87	244	11414	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	953	0.352	ng	# 52
3) n-Nitrosodimethylamine	3.64	42	607	0.338	ng	# 83
6) bis(2-Chloroethyl)ether	7.24	93	1982	0.340	ng	97
9) Naphthalene	10.68	128	25083	0.355	ng	100
10) Hexachlorobutadiene	10.95	225	1718	0.335	ng	99
12) 2-Methylnaphthalene	12.29	142	4103	0.343	ng	89
16) Acenaphthylene	14.21	152	6828	0.336	ng	98
17) Acenaphthene	14.56	154	4027	0.354	ng	97
18) Fluorene	15.53	166	5552	0.342	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	2163	0.320	ng	91
21) Hexachlorobenzene	16.55	284	2306	0.343	ng	100
22) Pentachlorophenol	16.89	266	1094	0.396	ng	93
23) Phenanthrene	17.28	178	10129	0.346	ng	100
24) Anthracene	17.38	178	9463	0.336	ng	99
26) Fluoranthene	19.30	202	15648	0.347	ng	99
28) Pyrene	19.67	202	16511	0.361	ng	100
30) Benzo(a)anthracene	21.40	228	20726	0.391	ng	97
31) Chrysene	21.46	228	20203	0.387	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	29266	0.349	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	26551	0.428	ng	99
35) Benzo(b)fluoranthene	23.23	252	22073	0.380	ng	99
36) Benzo(k)fluoranthene	23.23	252	22073	0.386	ng	99
37) Benzo(a)pyrene	23.85	252	21283	0.380	ng	99
38) Dibenzo(a,h)anthracene	26.70	278	22300	0.384	ng	98
39) Benzo(g,h,i)perylene	27.51	276	22658	0.390	ng	98

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

Quantitation Report (Not Reviewed)

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Data File : BE099576.D
Acq On : 8 May 2019 11:17
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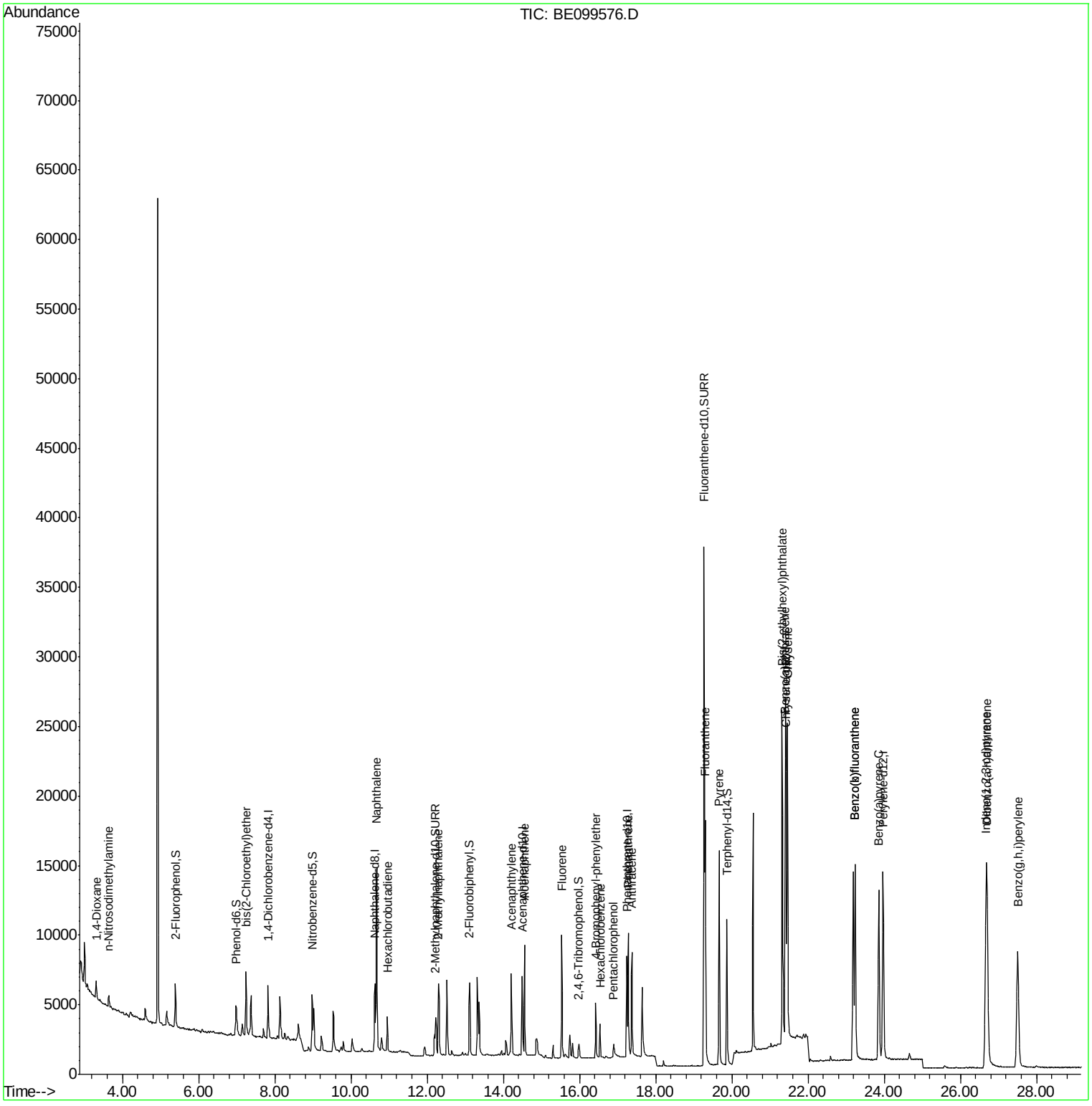
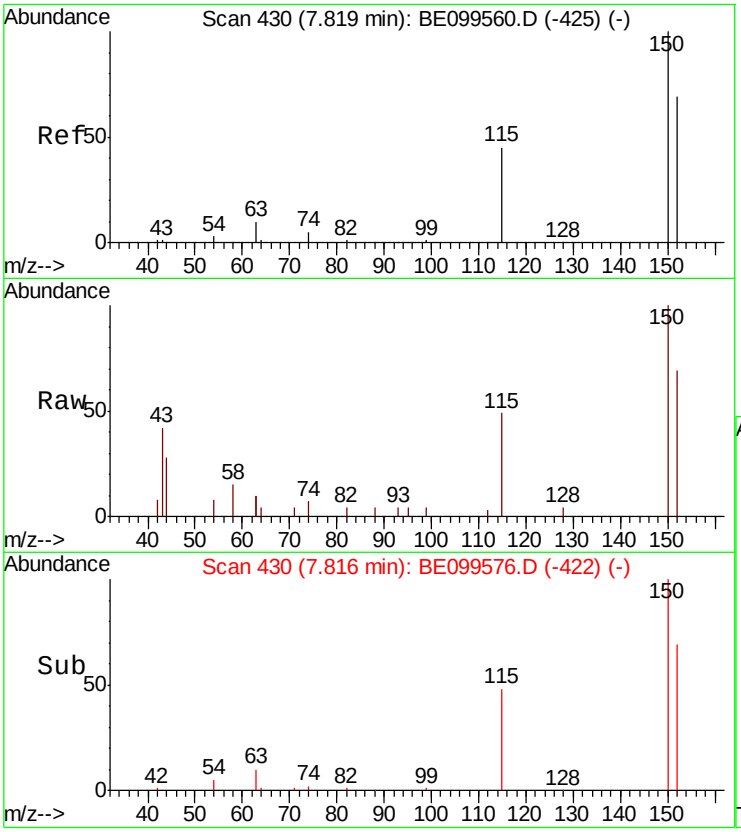
Sample : PB119274BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 08 17:06:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 14:10:11 2019
Response via : Initial Calibration



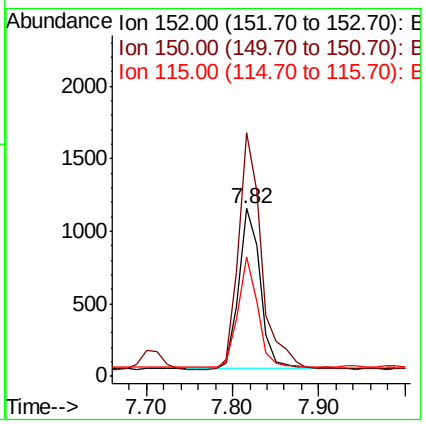


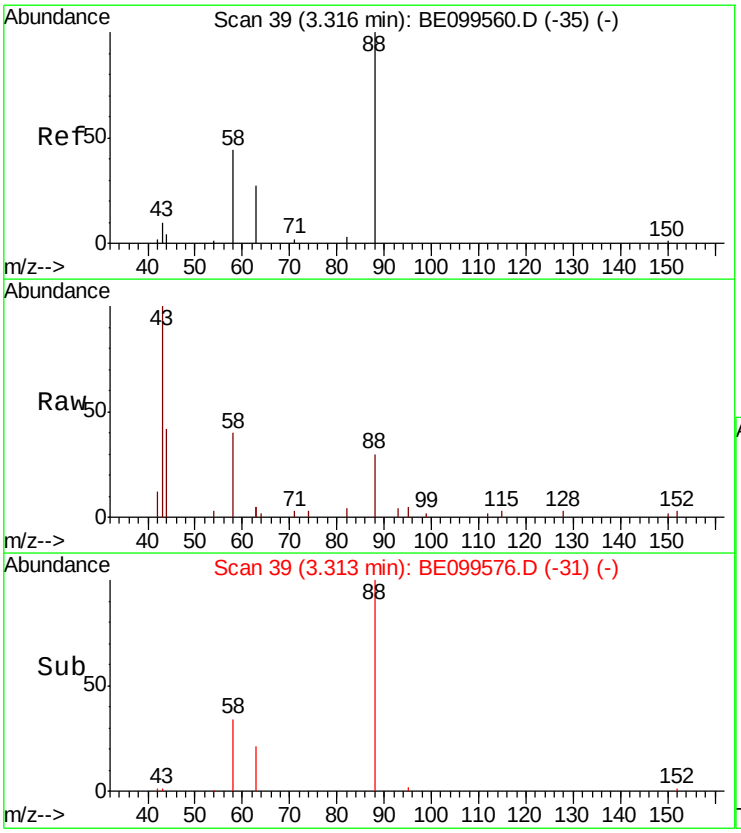
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1919

Ion	Ratio	Lower	Upper
152	100		
150	145.2	113.8	170.6
115	71.5	54.2	81.2

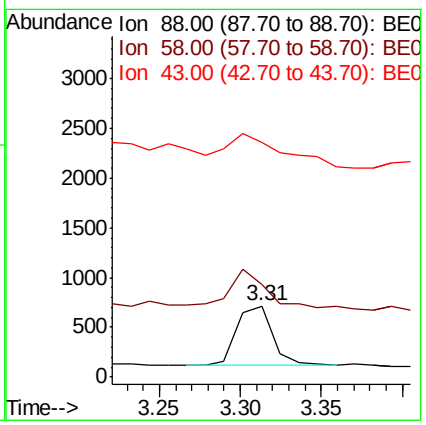


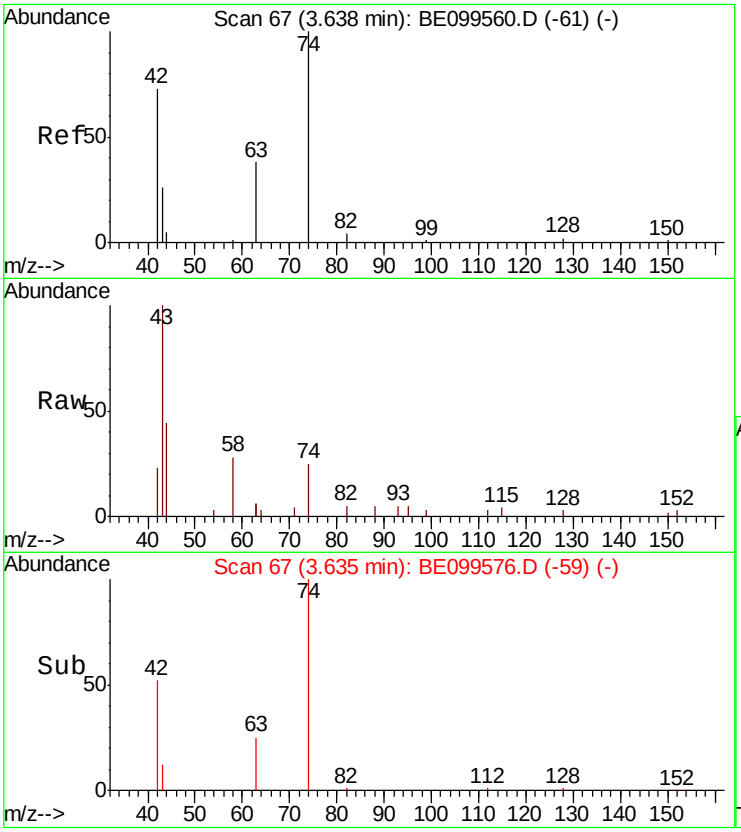


#2
1,4-Dioxane
Concen: 0.352 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion: 88 Resp: 953

Ion	Ratio	Lower	Upper
88	100		
58	69.9	46.6	69.8#
43	87.2	20.3	30.5#



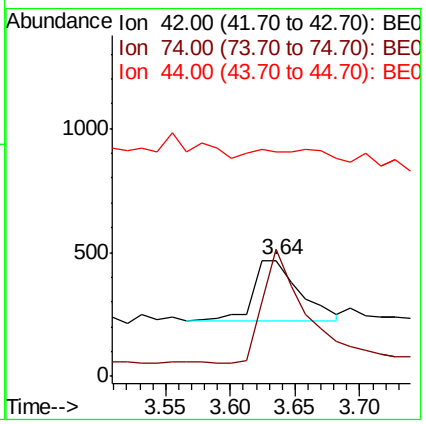


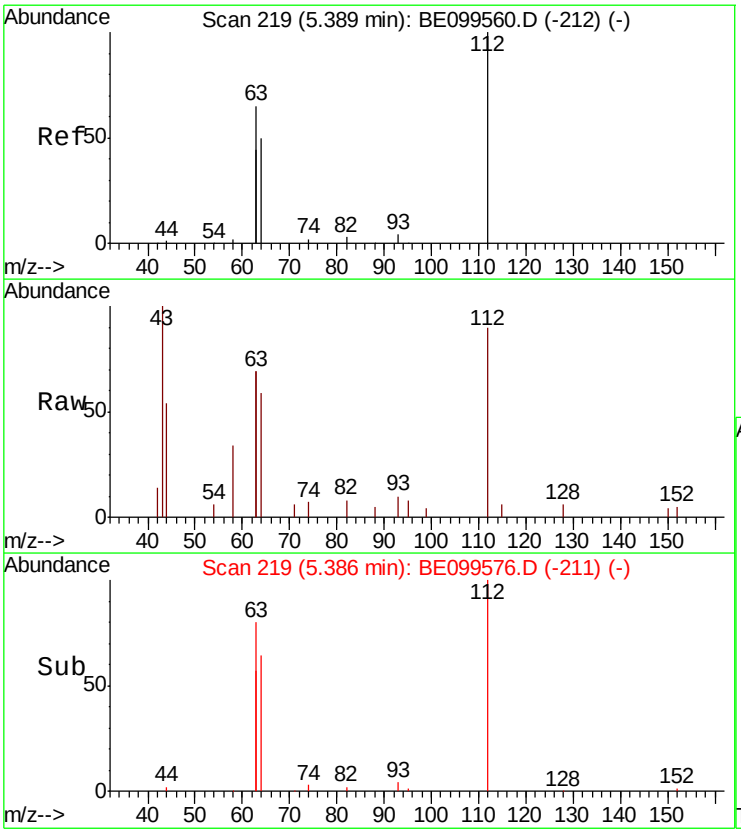
#3
n-Nitrosodimethylamine
Concen: 0.338 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 607

Ion	Ratio	Lower	Upper
42	100		
74	173.3	121.3	181.9
44	1.5	0.0	0.0#

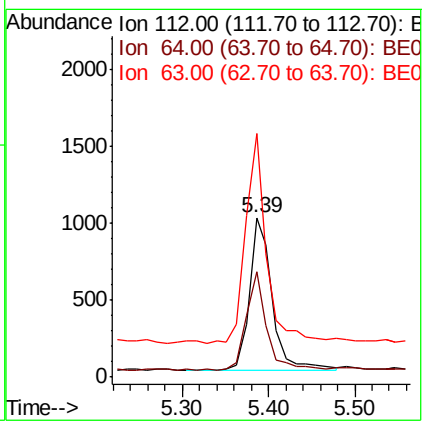


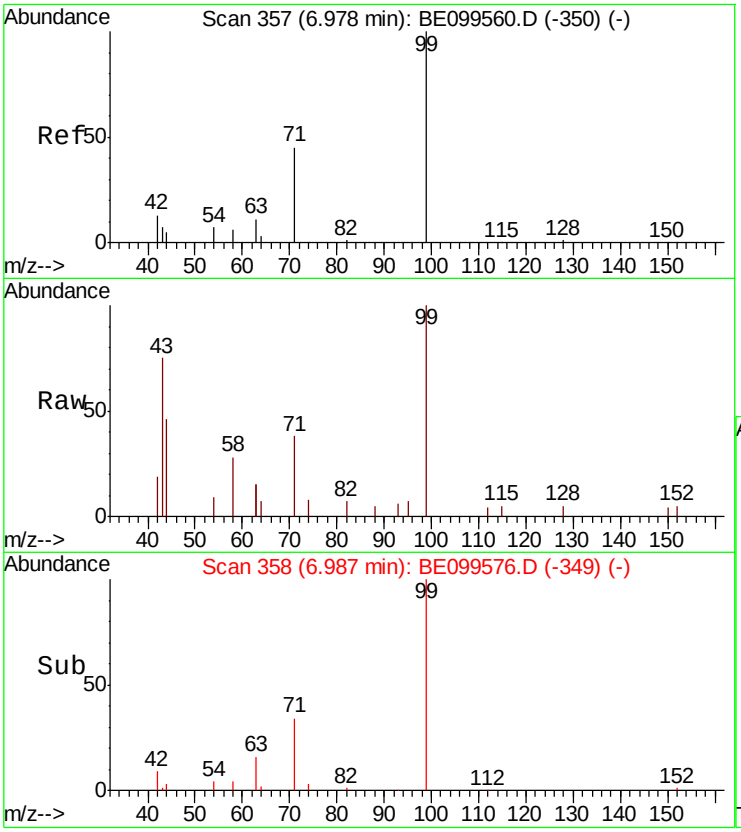


#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:112 Resp: 1806

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.3	69.5
63	129.8	99.6	149.4



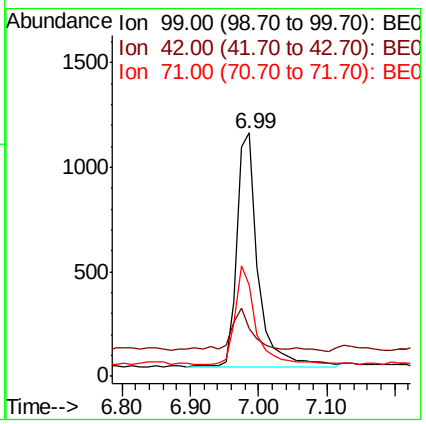


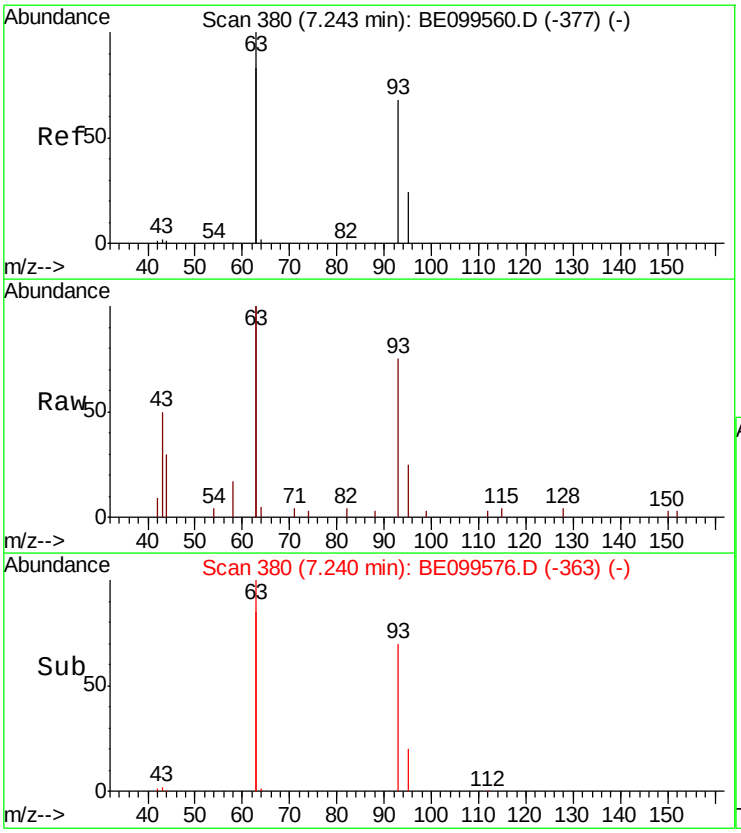
#5
Phenol-d6
Concen: 0.345 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2413

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.4	20.0
71	41.5	34.2	51.2

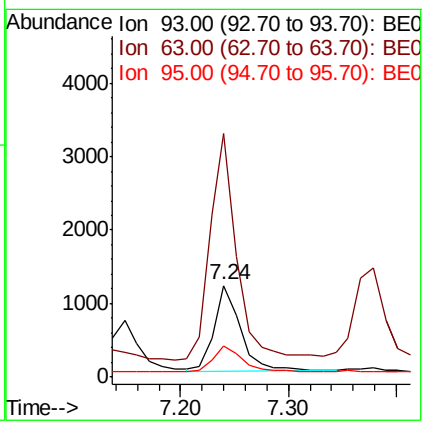


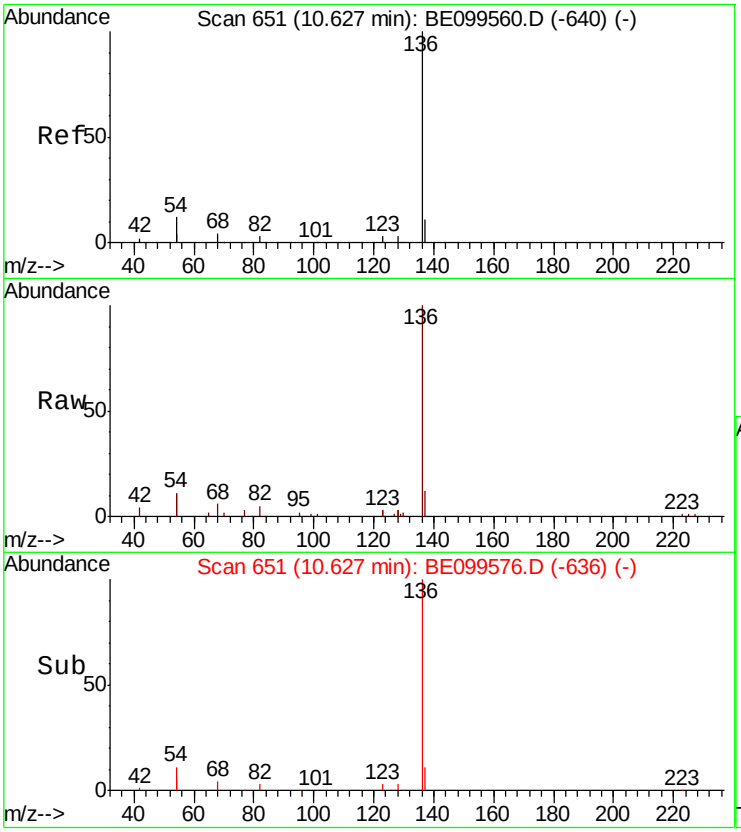


#6
bis(2-Chloroethyl)ether
Concen: 0.340 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion: 93 Resp: 1982

Ion	Ratio	Lower	Upper
93	100		
63	265.5	209.0	313.4
95	35.6	26.9	40.3



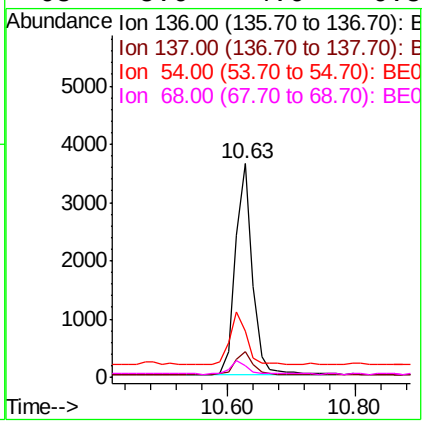


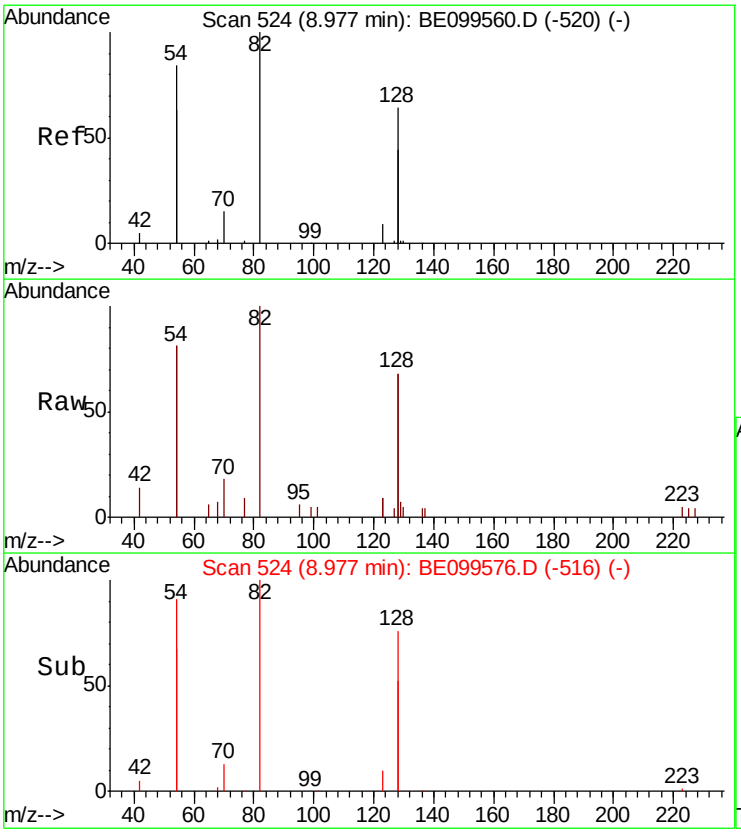
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6664

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.0	15.0
54	21.3	18.6	28.0
68	5.6	4.6	6.8

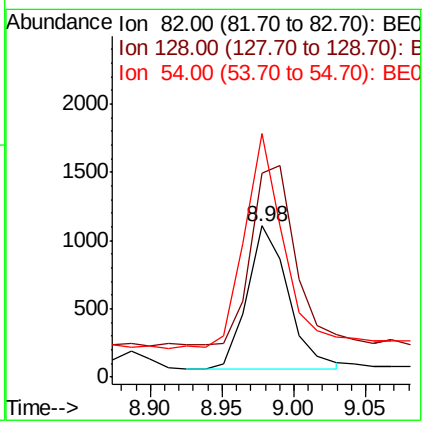


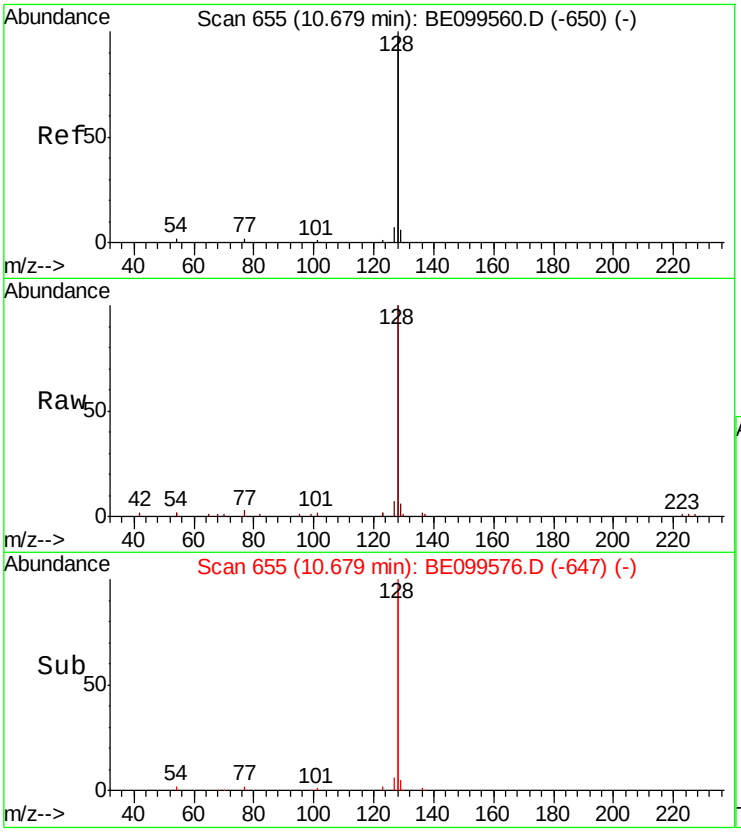


#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion: 82 Resp: 2095

Ion	Ratio	Lower	Upper
82	100		
128	135.4	97.6	146.4
54	161.3	127.4	191.2



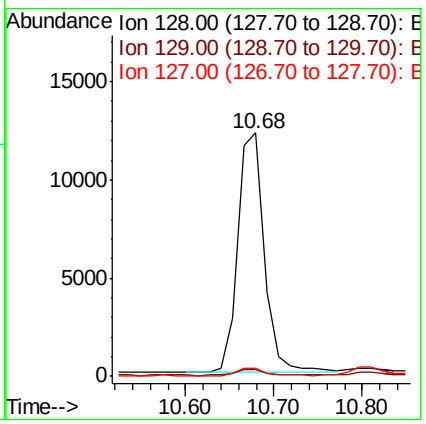


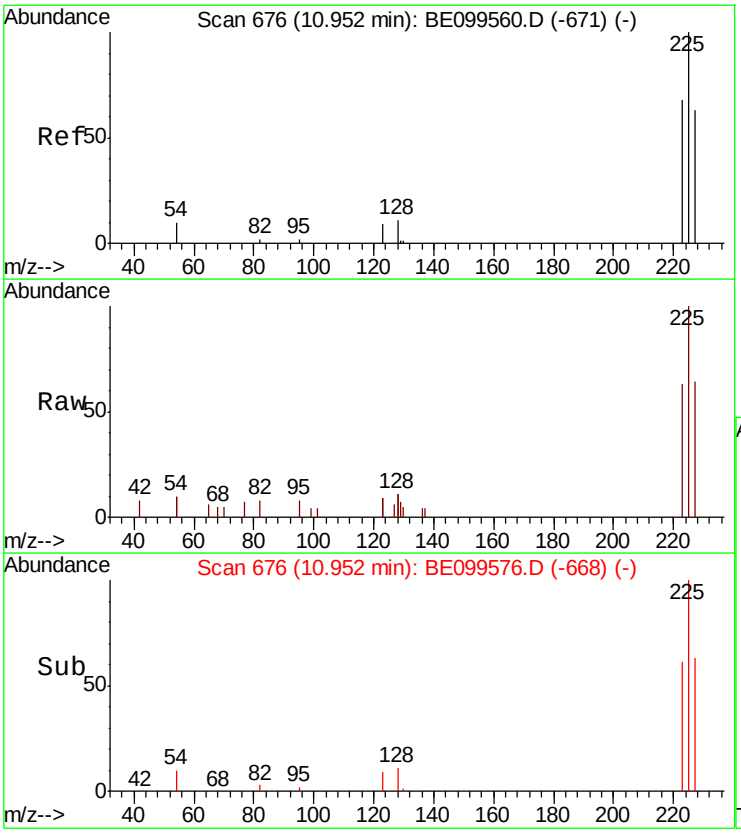
#9
Naphthalene
Concen: 0.355 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 25083

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.5	3.0	4.4

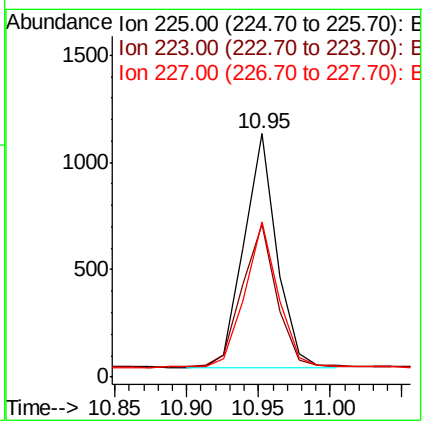


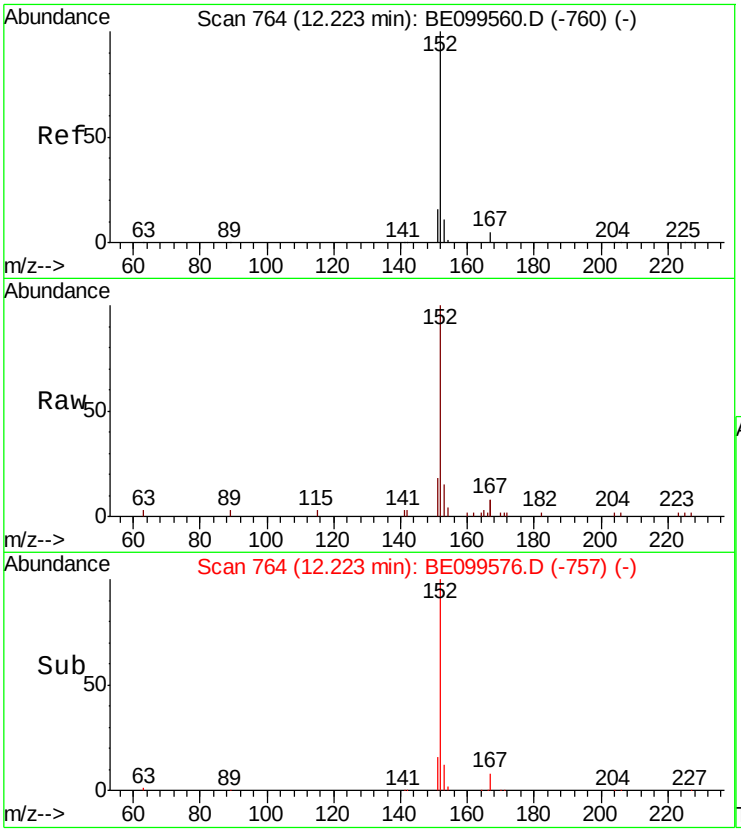


#10
Hexachlorobutadiene
Concen: 0.335 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:225 Resp: 1718

Ion	Ratio	Lower	Upper
225	100		
223	64.8	53.0	79.6
227	63.4	51.4	77.0



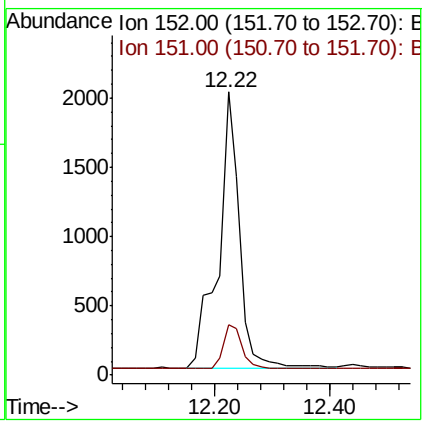


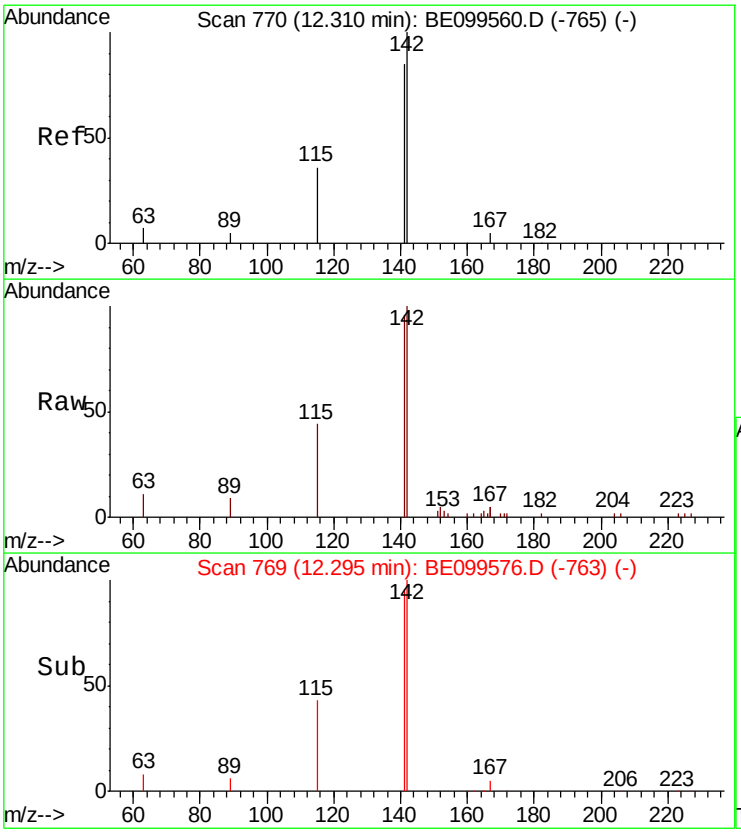
#11
2-Methylnaphthalene-d10
Concen: 0.434 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5042

Ion	Ratio	Lower	Upper
152	100		
151	14.5	15.8	23.8#

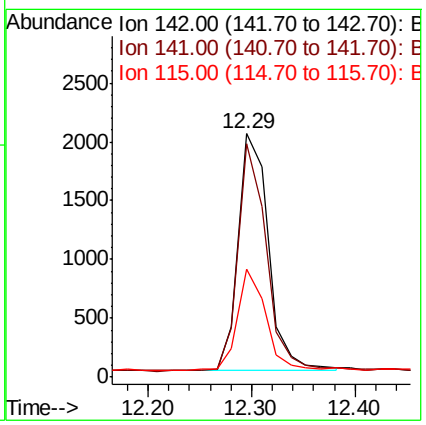


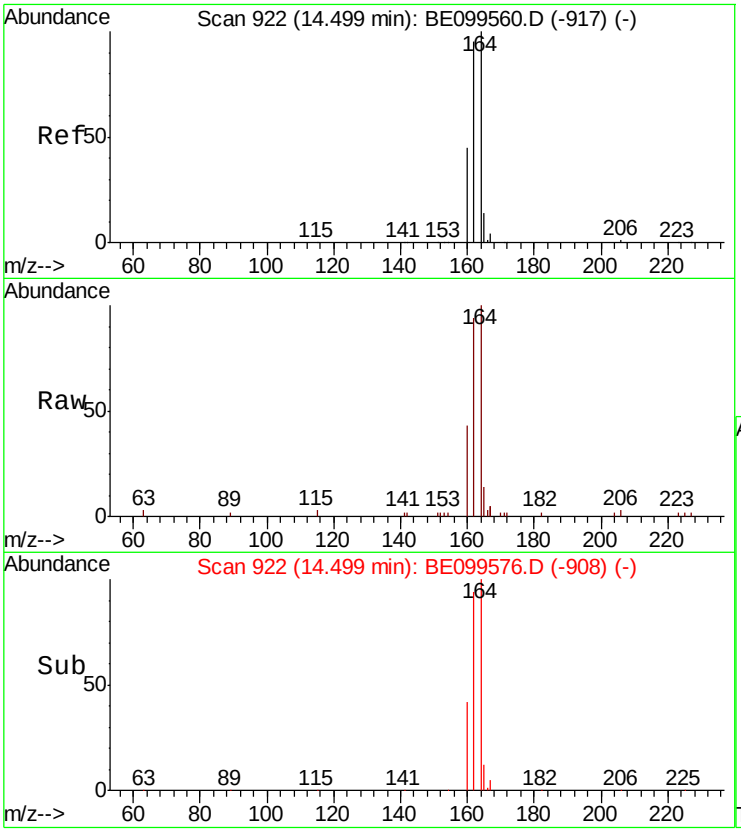


#12
2-Methylnaphthalene
Concen: 0.343 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:142 Resp: 4103

Ion	Ratio	Lower	Upper
142	100		
141	96.0	68.1	102.1
115	44.3	30.8	46.2



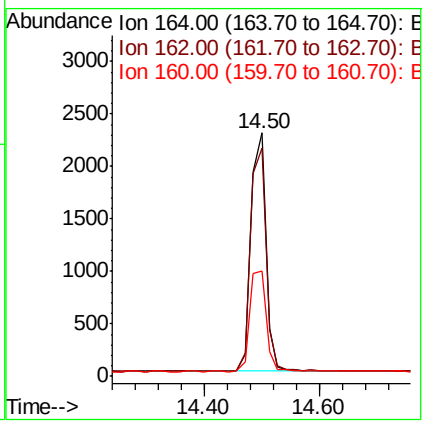


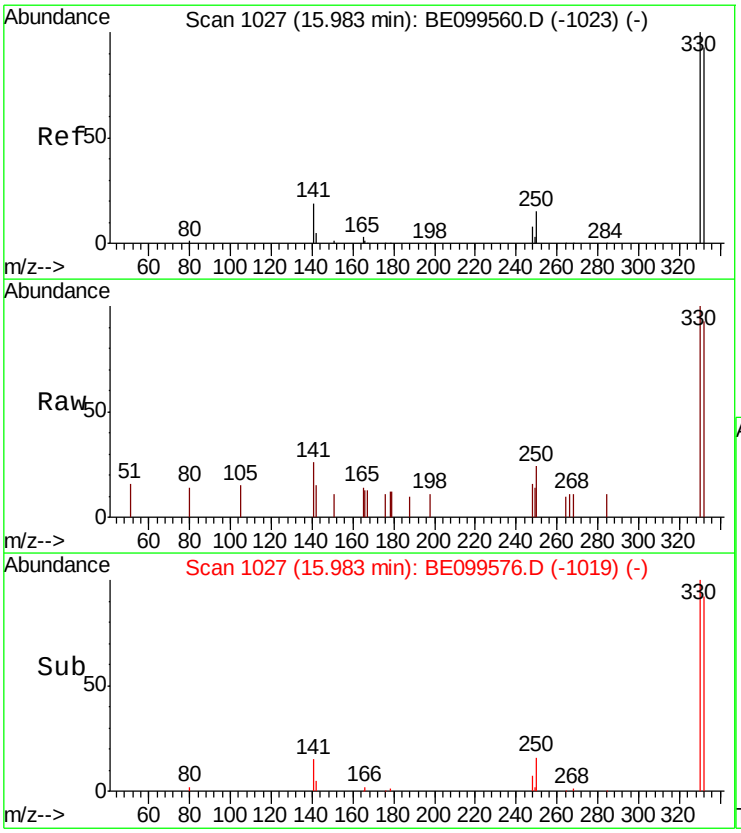
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4214

Ion	Ratio	Lower	Upper
164	100		
162	93.7	76.4	114.6
160	43.4	36.6	55.0

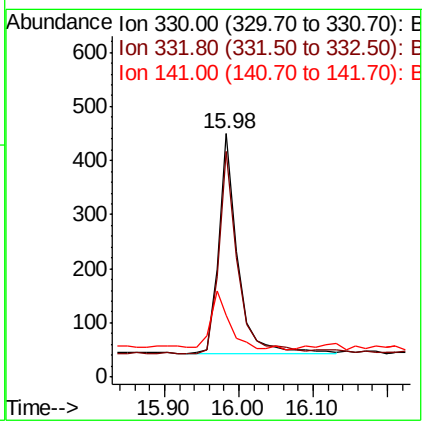


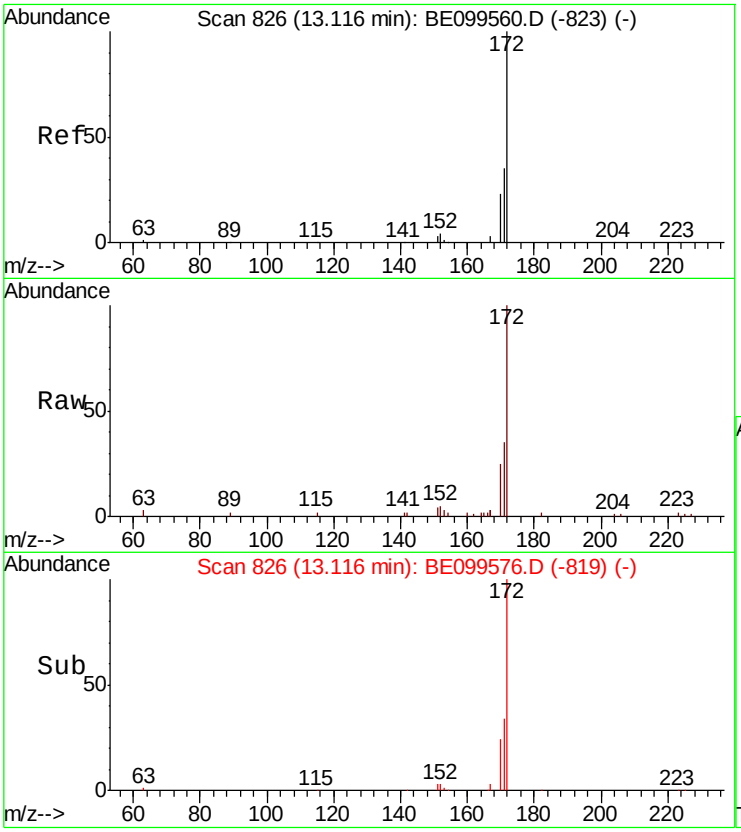


#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:330 Resp: 713

Ion	Ratio	Lower	Upper
330	100		
332	92.1	77.7	116.5
141	25.0	26.1	39.1#



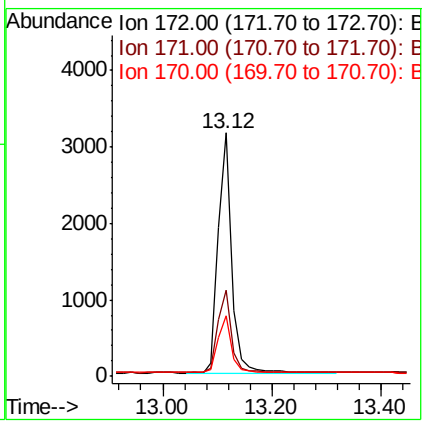


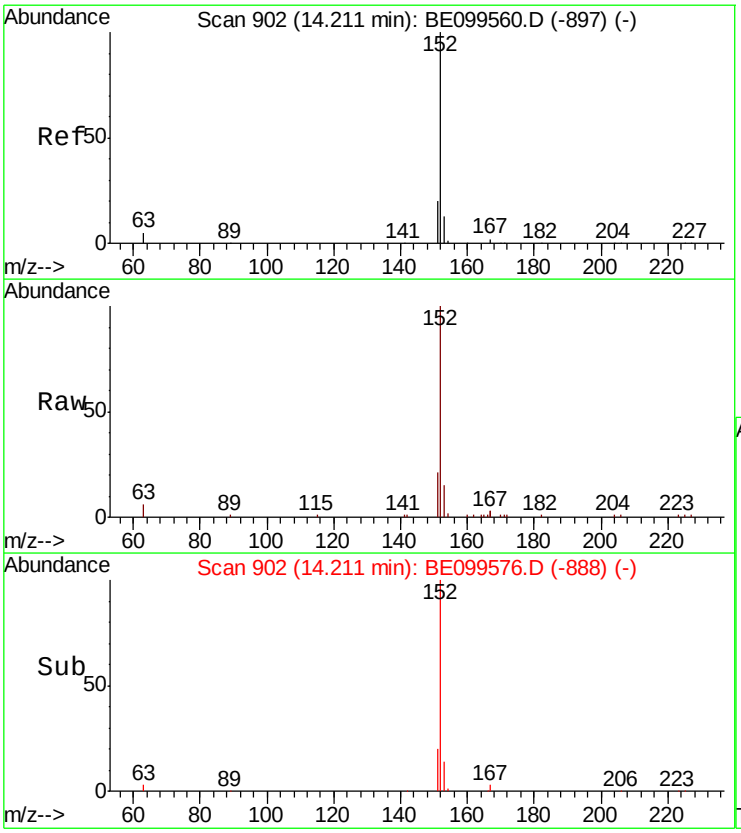
#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5603

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	25.0	18.8	28.2

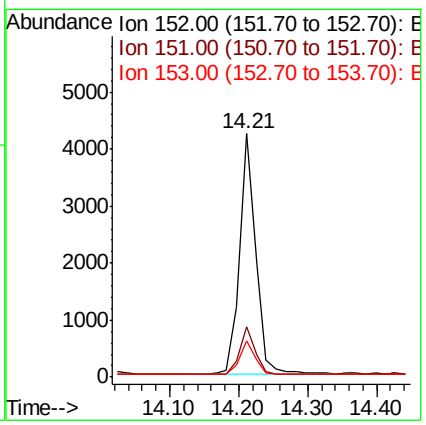


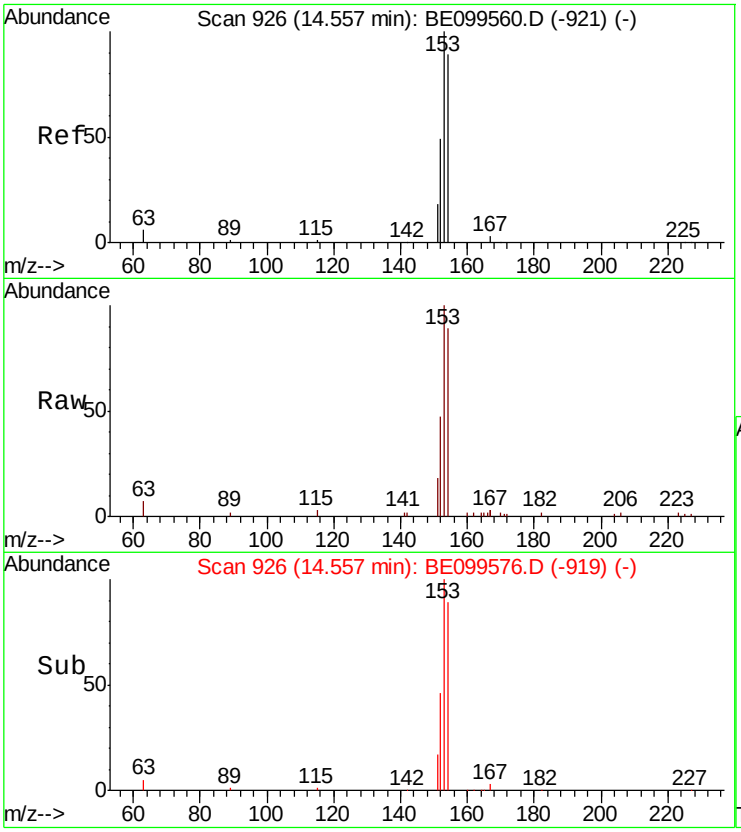


#16
Acenaphthylene
Concen: 0.336 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:152 Resp: 6828

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.8
153	13.7	10.5	15.7



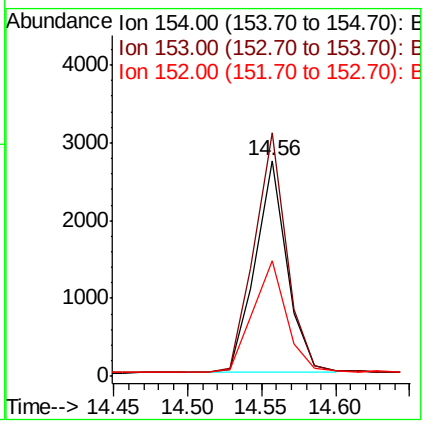


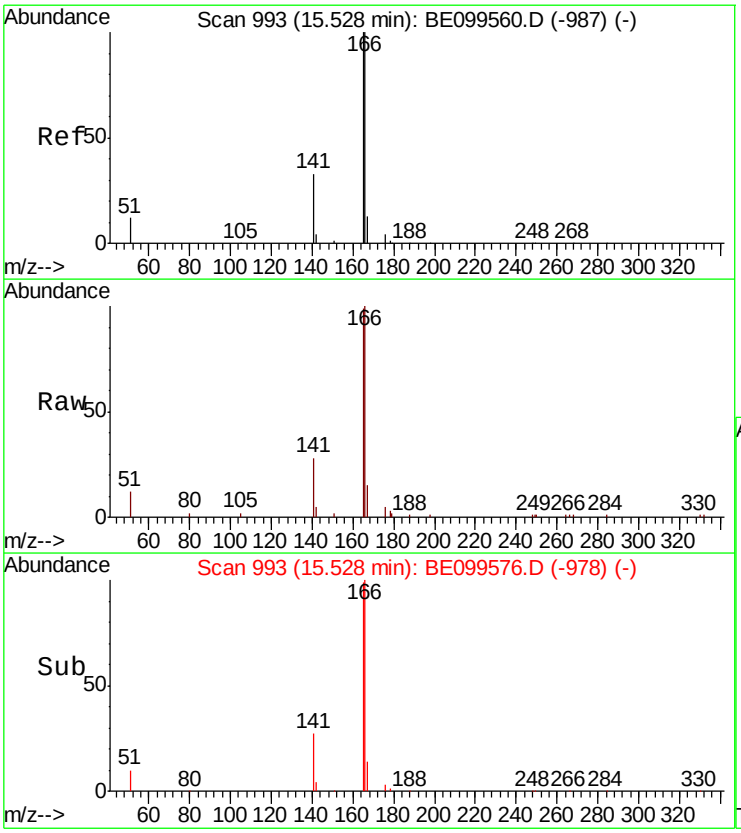
#17
Acenaphthene
Concen: 0.354 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4027

Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.7	134.5
152	55.7	43.9	65.9

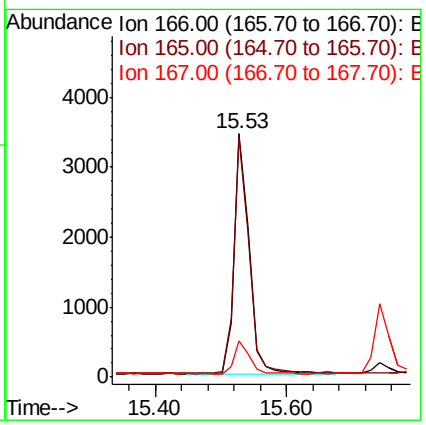


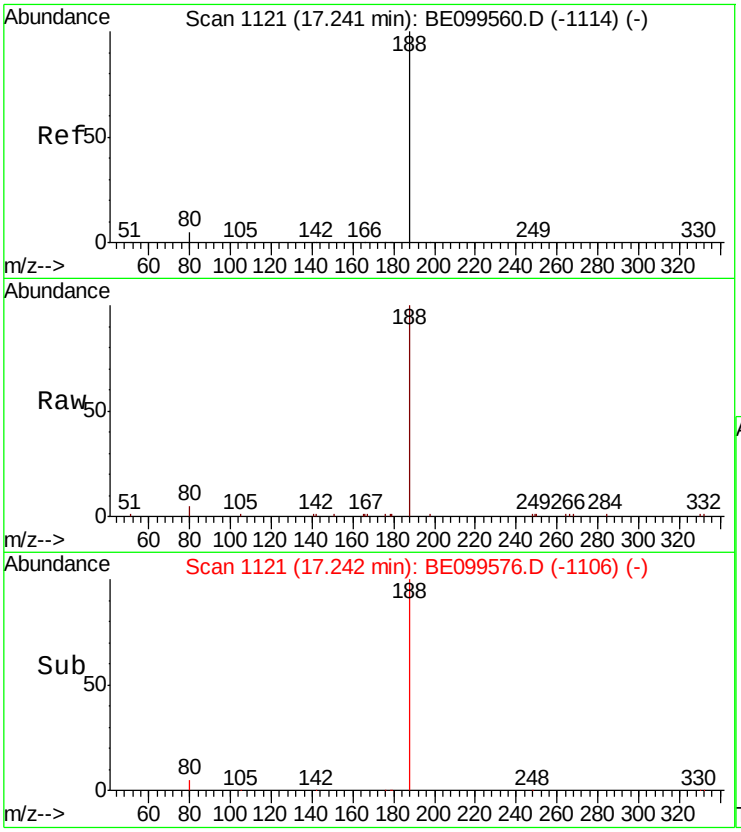


#18
Fluorene
Concen: 0.342 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:166 Resp: 5552

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.6
167	13.8	11.5	17.3



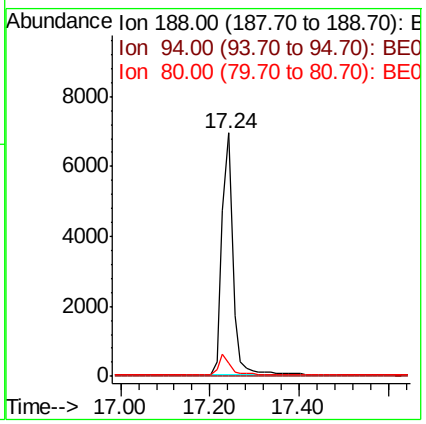


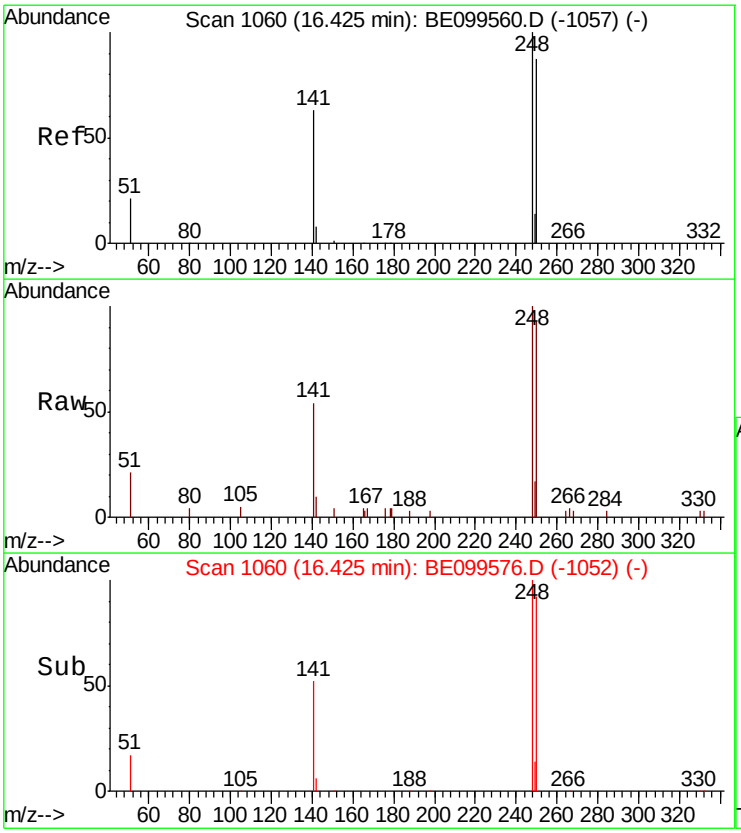
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11880

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.4	4.6	7.0

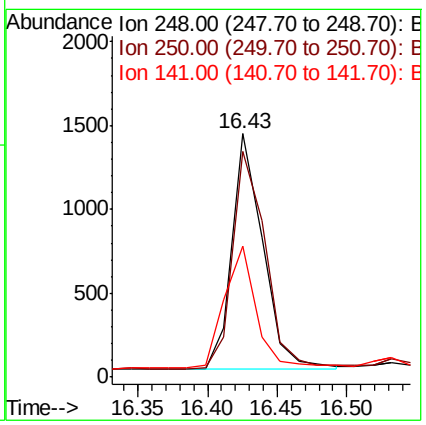


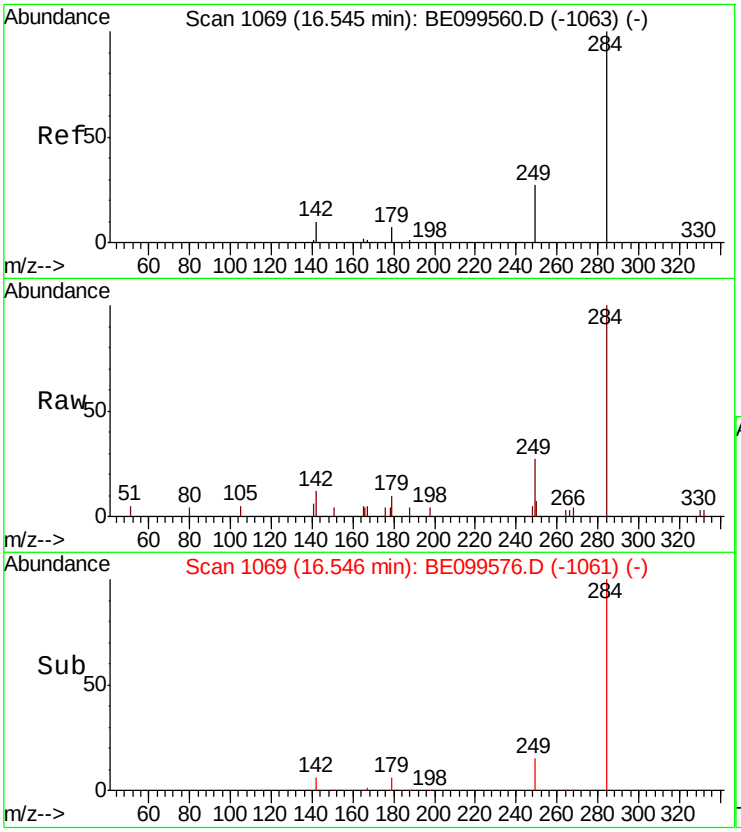


#20
4-Bromophenyl-phenylether
Concen: 0.320 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:248 Resp: 2163

Ion	Ratio	Lower	Upper
248	100		
250	92.7	70.0	105.0
141	53.6	51.8	77.8



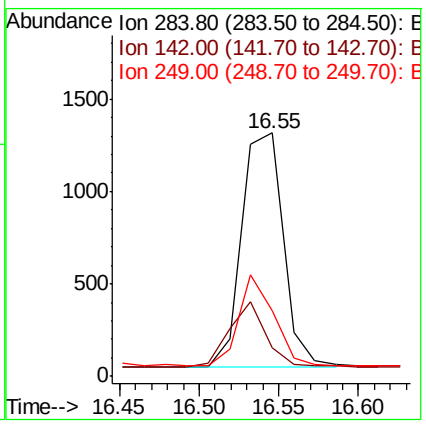


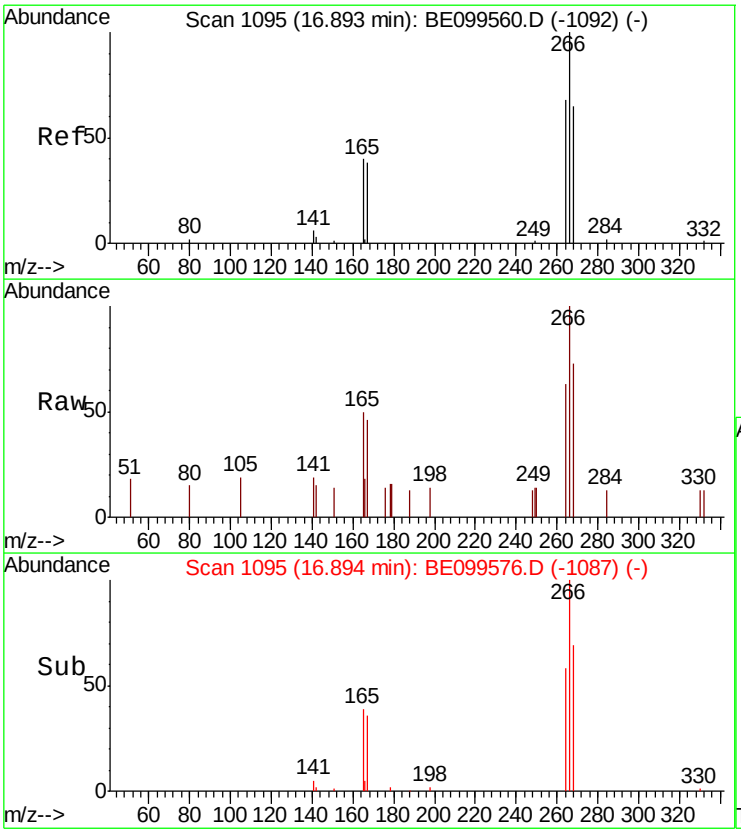
#21
Hexachlorobenzene
Concen: 0.343 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2306

Ion	Ratio	Lower	Upper
284	100		
142	24.6	19.5	29.3
249	32.6	26.2	39.2

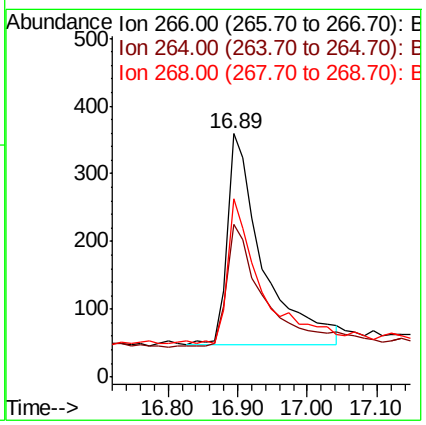


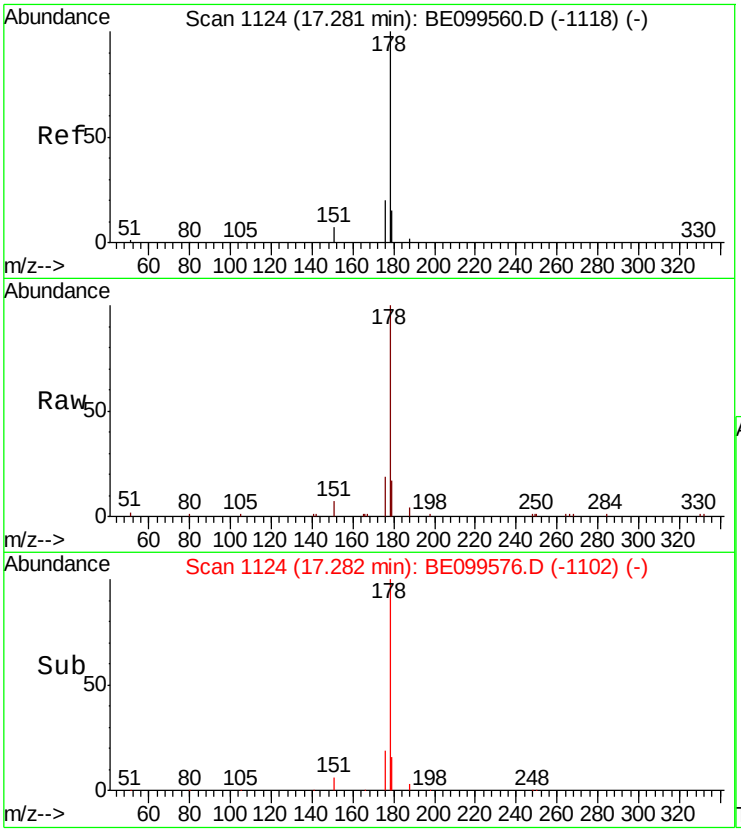


#22
Pentachlorophenol
Concen: 0.396 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:266 Resp: 1094

Ion	Ratio	Lower	Upper
266	100		
264	62.7	56.6	84.8
268	73.3	55.8	83.8



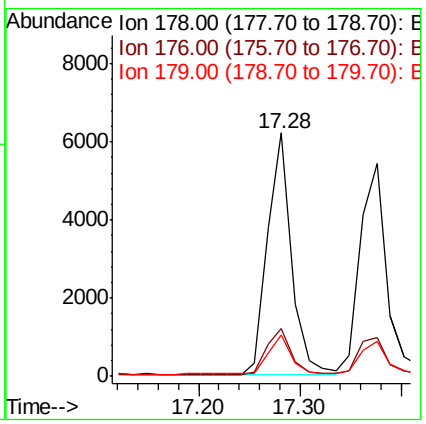


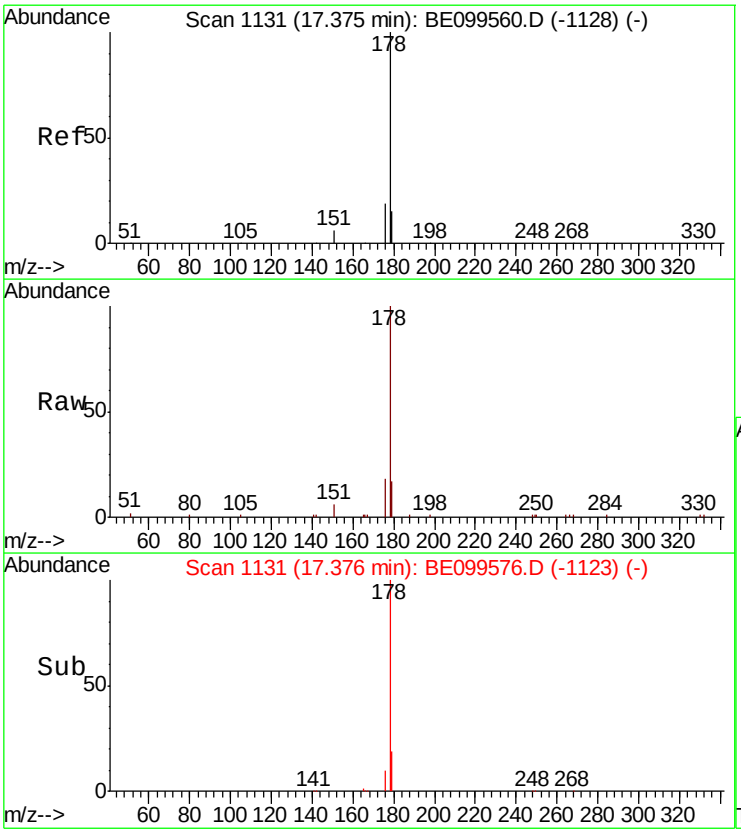
#23
Phenanthrene
Concen: 0.346 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 10129

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.7	12.5	18.7

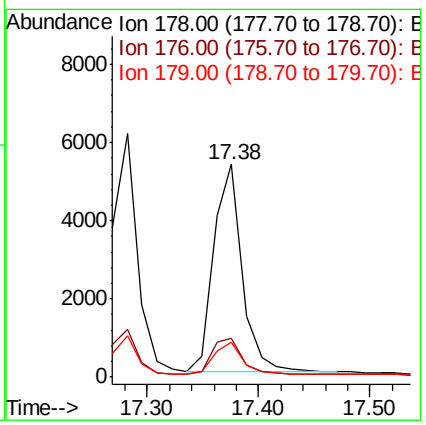


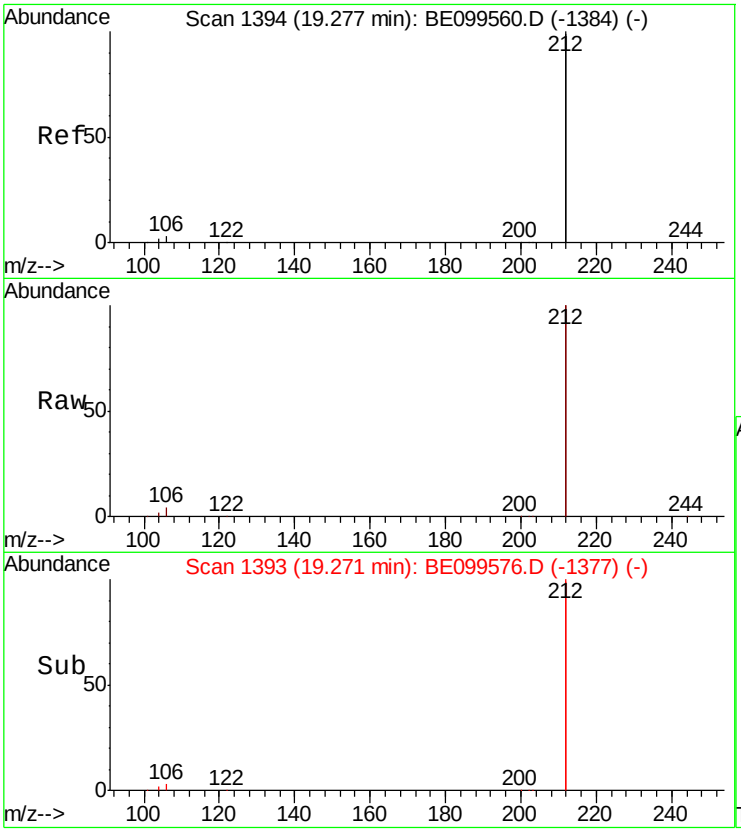


#24
Anthracene
Concen: 0.336 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:178 Resp: 9463

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.7	12.2	18.4



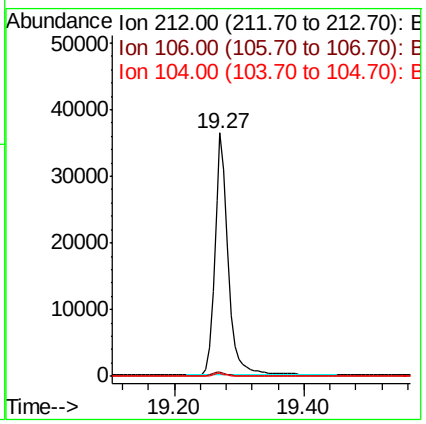


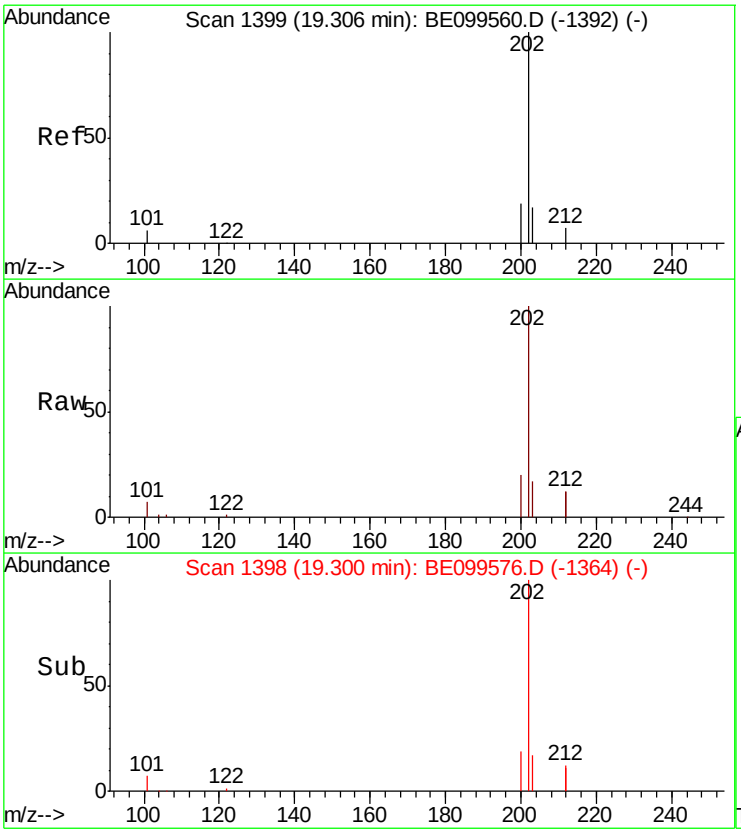
#25
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 53159

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

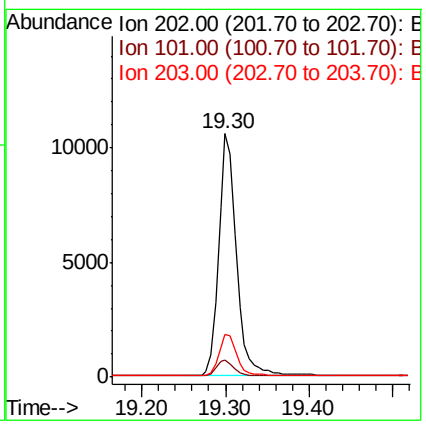


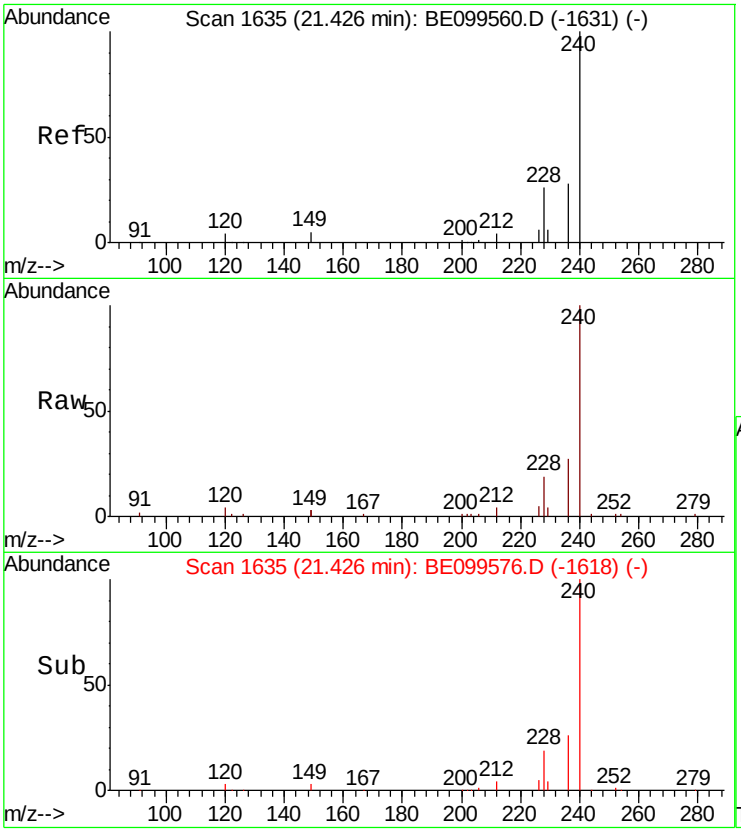


#26
Fluoranthene
Concen: 0.347 ng
RT: 19.30 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:202 Resp: 15648

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.3	7.9
203	17.2	13.4	20.2



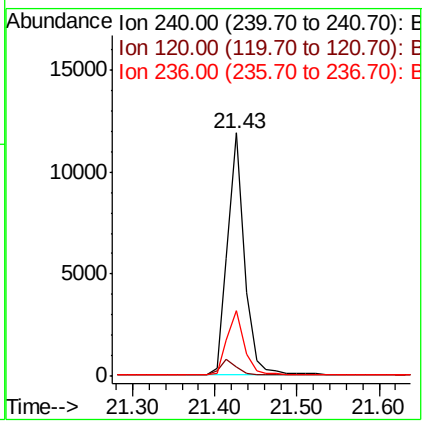


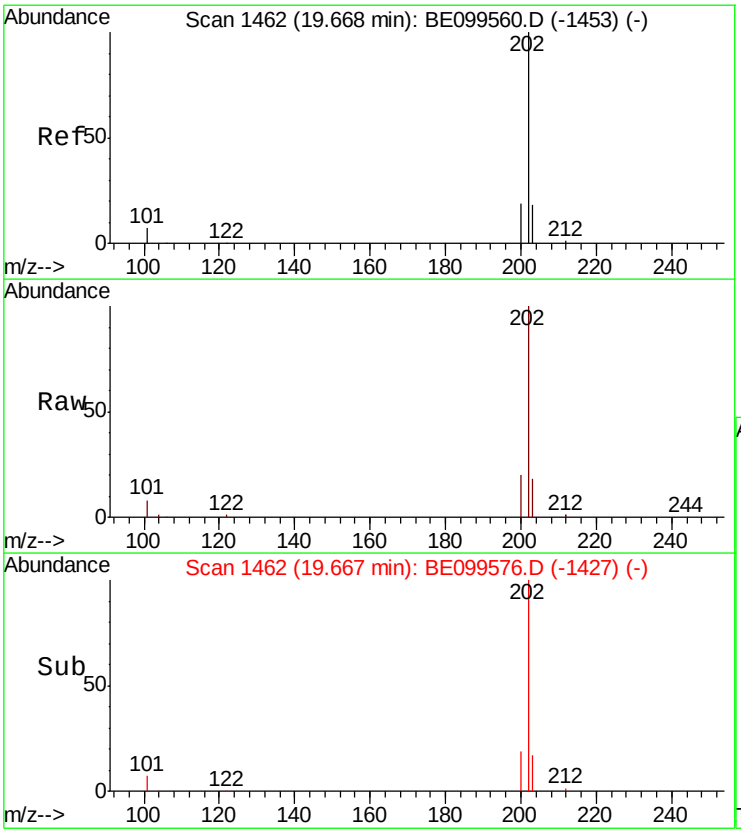
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 17089

Ion	Ratio	Lower	Upper
240	100		
120	3.9	3.8	5.6
236	26.8	22.5	33.7

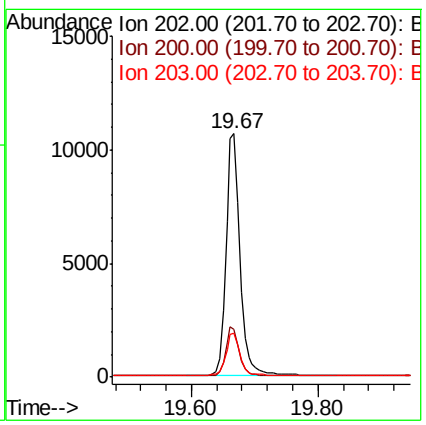


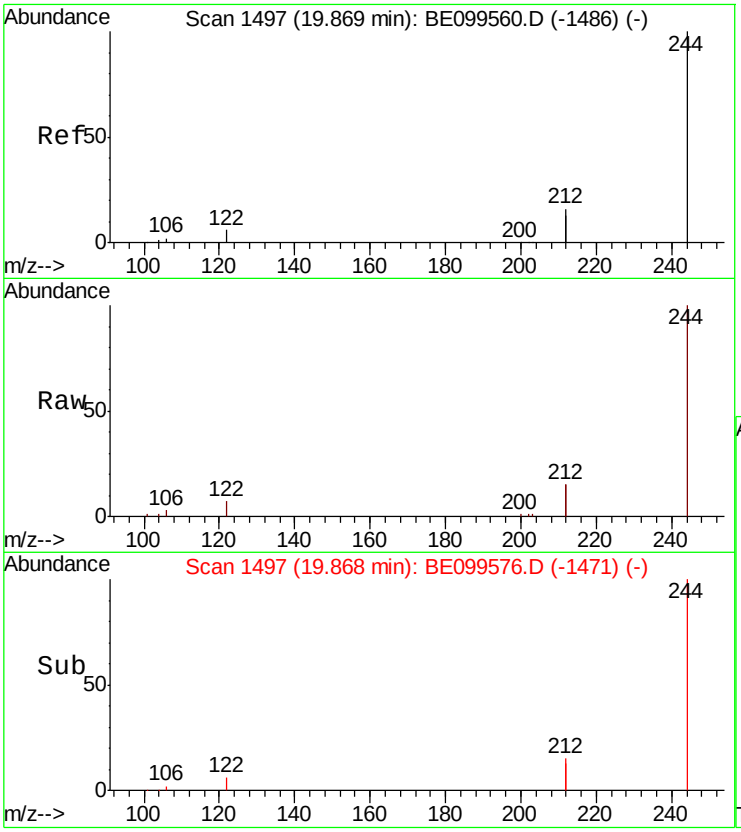


#28
Pyrene
Concen: 0.361 ng
RT: 19.67 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:202 Resp: 16511

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.6
203	17.8	14.1	21.1



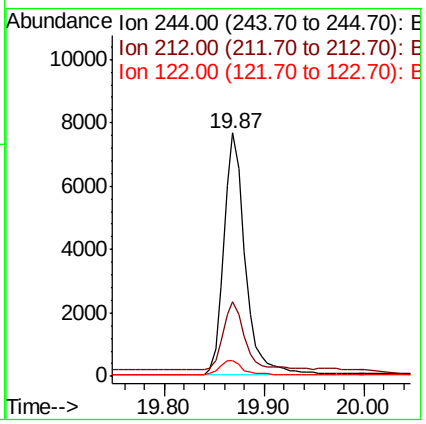


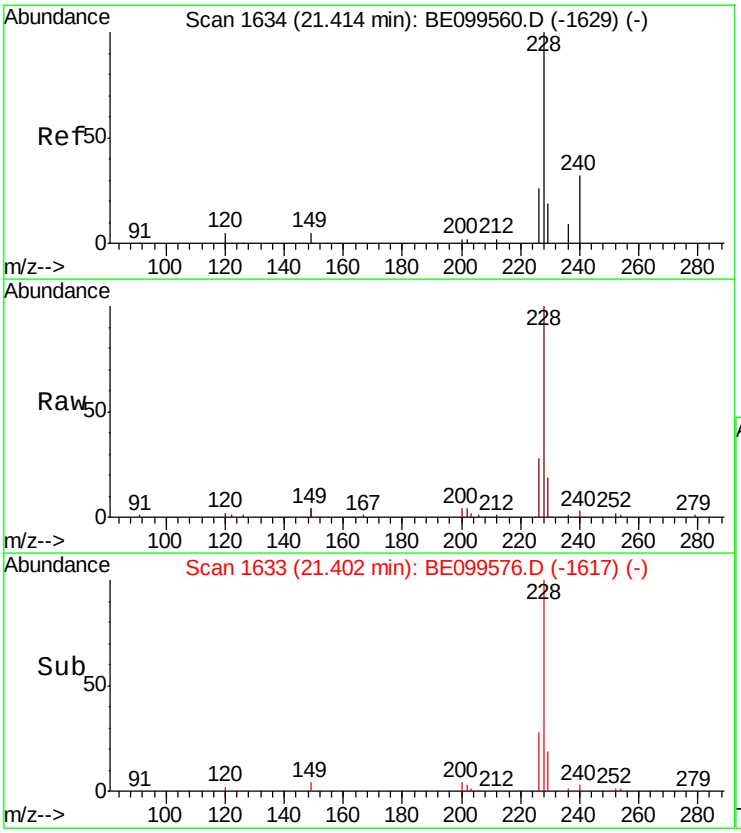
#29
Terphenyl-d14
Concen: 0.360 ng
RT: 19.87 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 11414

Ion	Ratio	Lower	Upper
244	100		
212	30.7	24.6	37.0
122	6.5	5.0	7.6

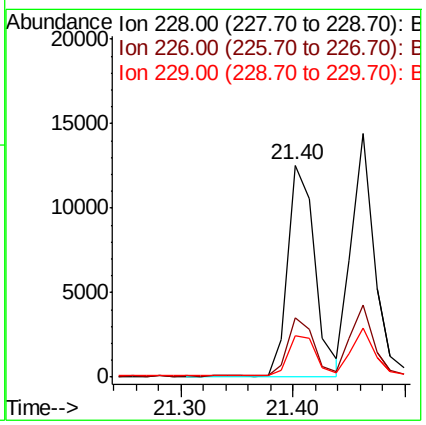


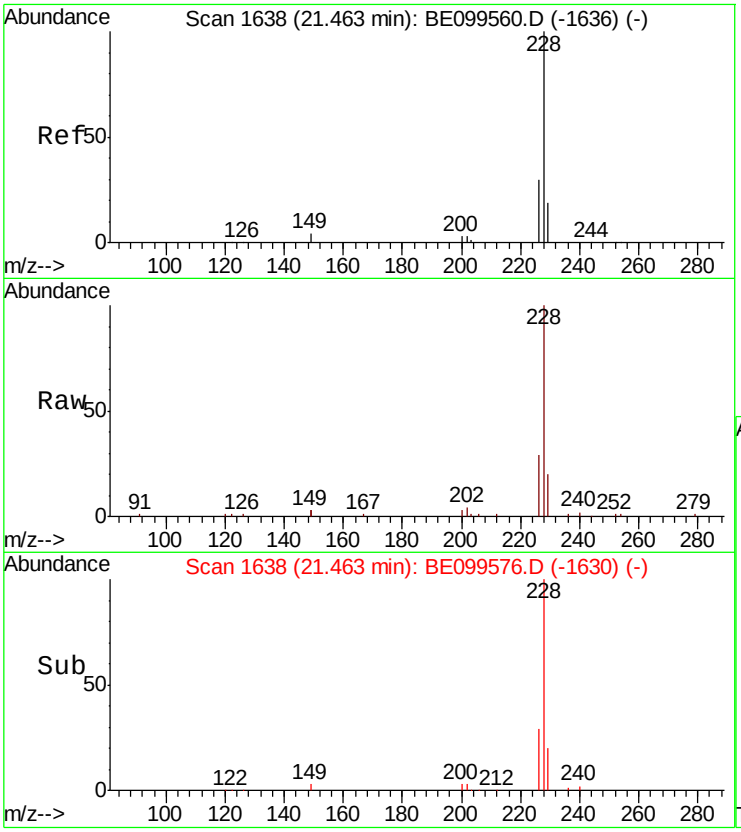


#30
Benzo(a)anthracene
Concen: 0.391 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:228 Resp: 20726

Ion	Ratio	Lower	Upper
228	100		
226	28.2	20.9	31.3
229	19.3	16.1	24.1



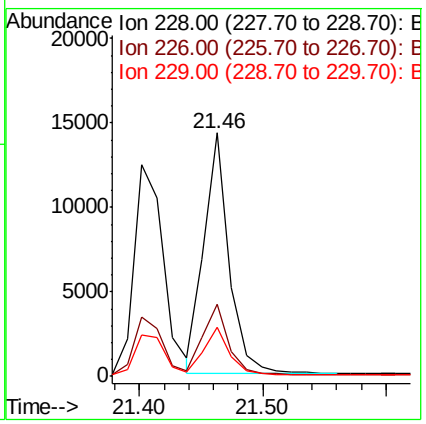


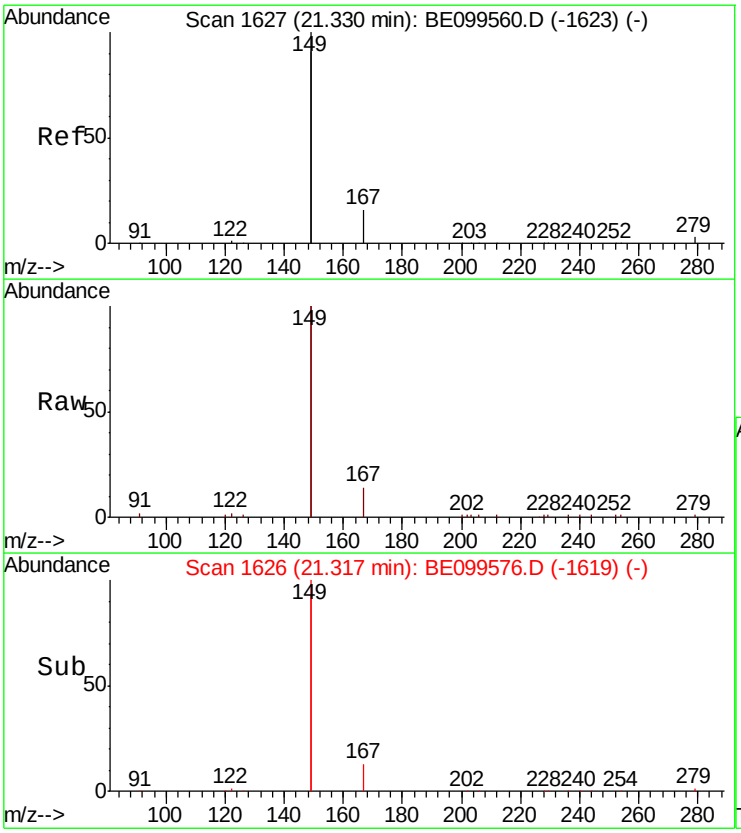
#31
Chrysene
Concen: 0.387 ng
RT: 21.46 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 20203

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	20.1	15.8	23.6

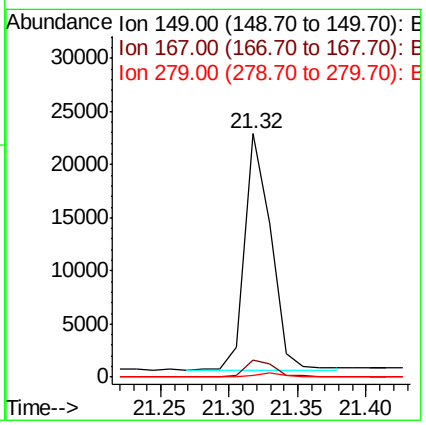


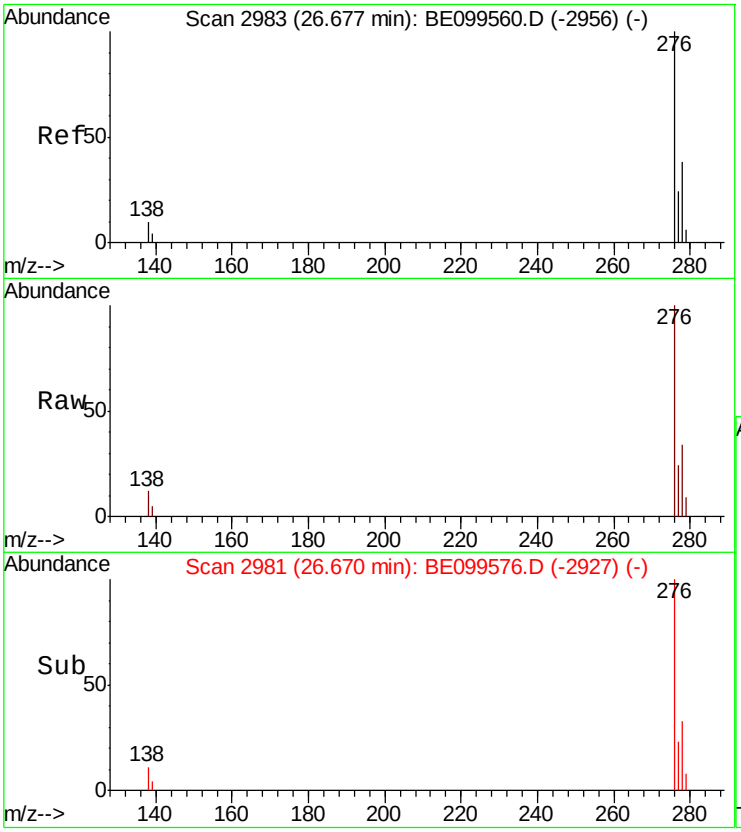


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.349 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:149 Resp: 29266

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.1	9.1
279	1.4	1.3	1.9



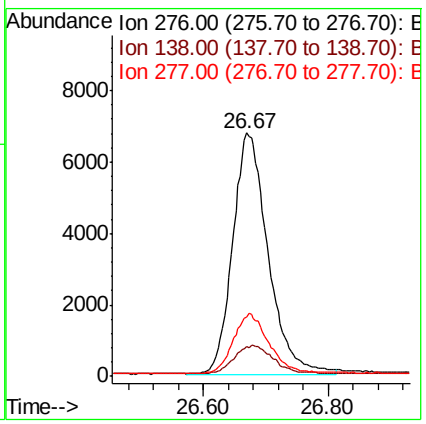


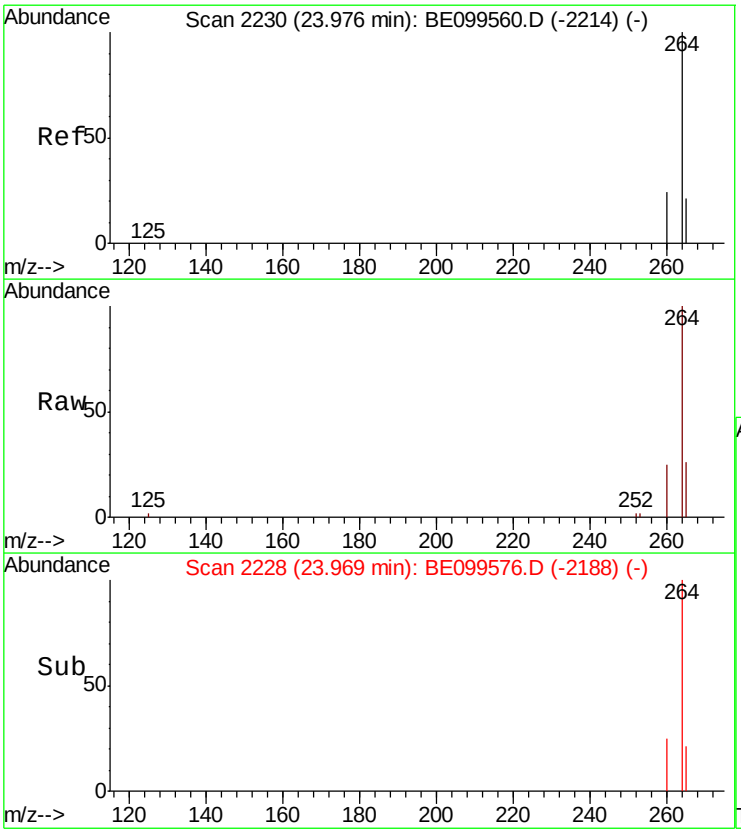
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng
RT: 26.67 min Scan# 2981
Delta R.T. -0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 26551

Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.5	14.3
277	24.8	19.7	29.5

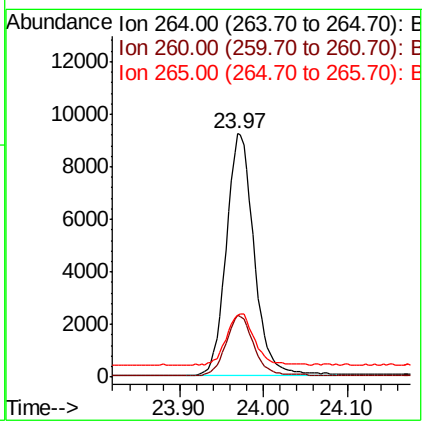


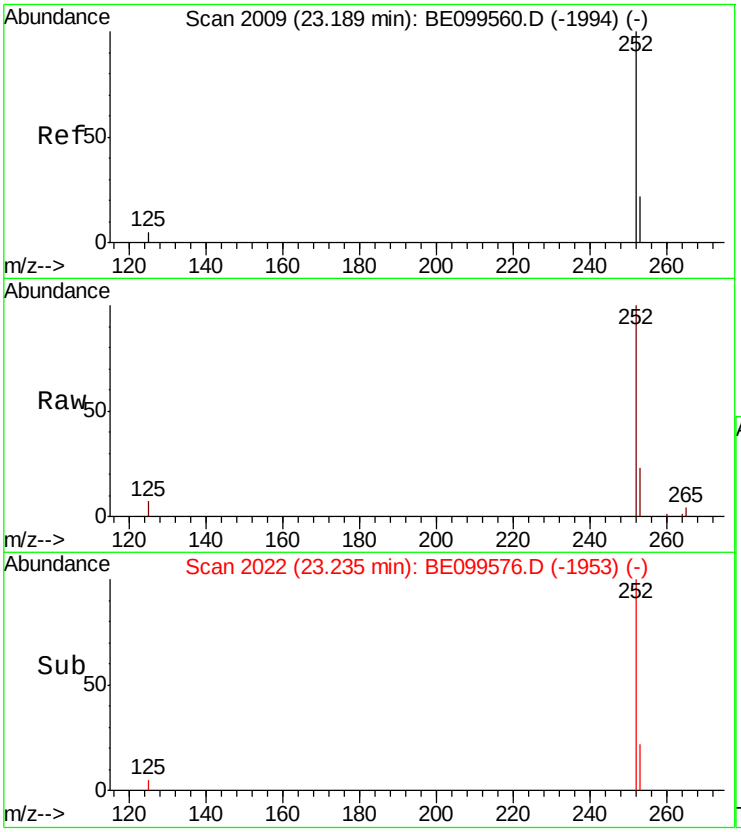


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:264 Resp: 21083

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.9	29.9
265	25.6	22.2	33.2



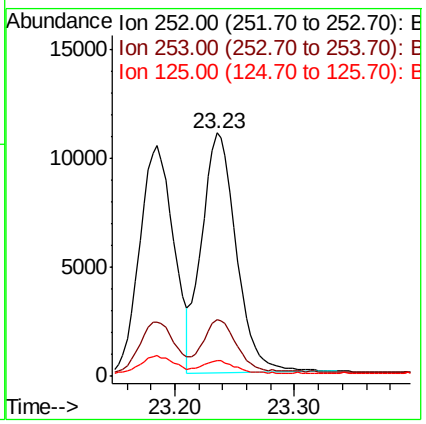


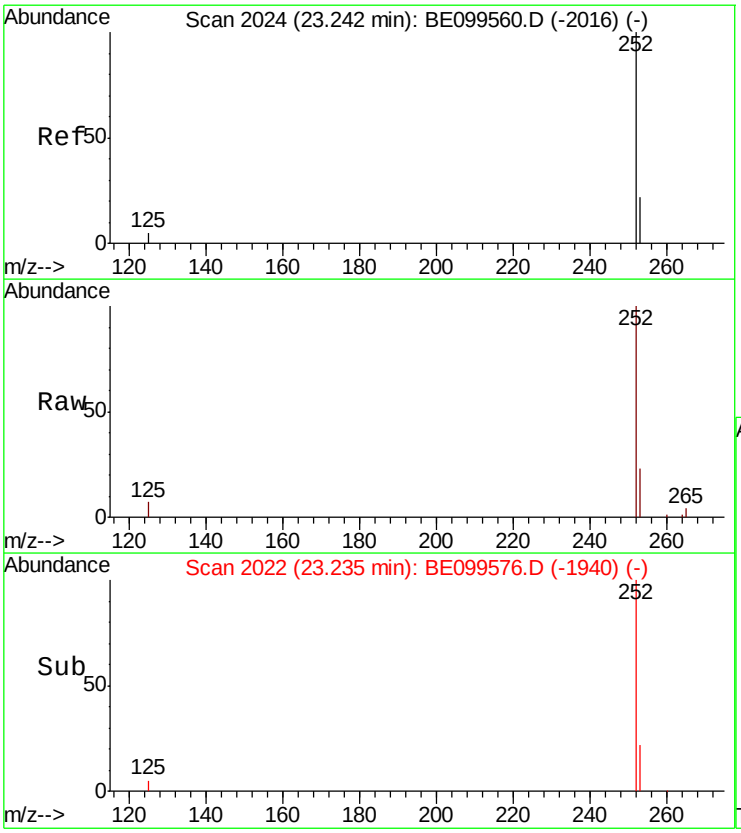
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.23 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 22073

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	6.6	5.8	8.6

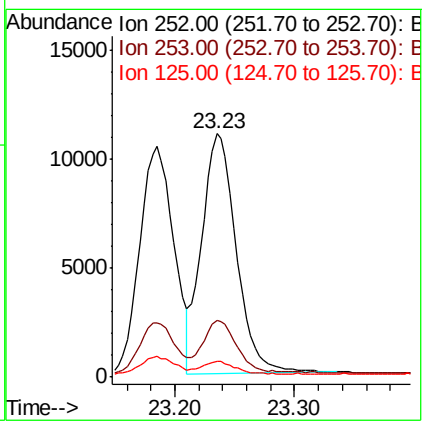


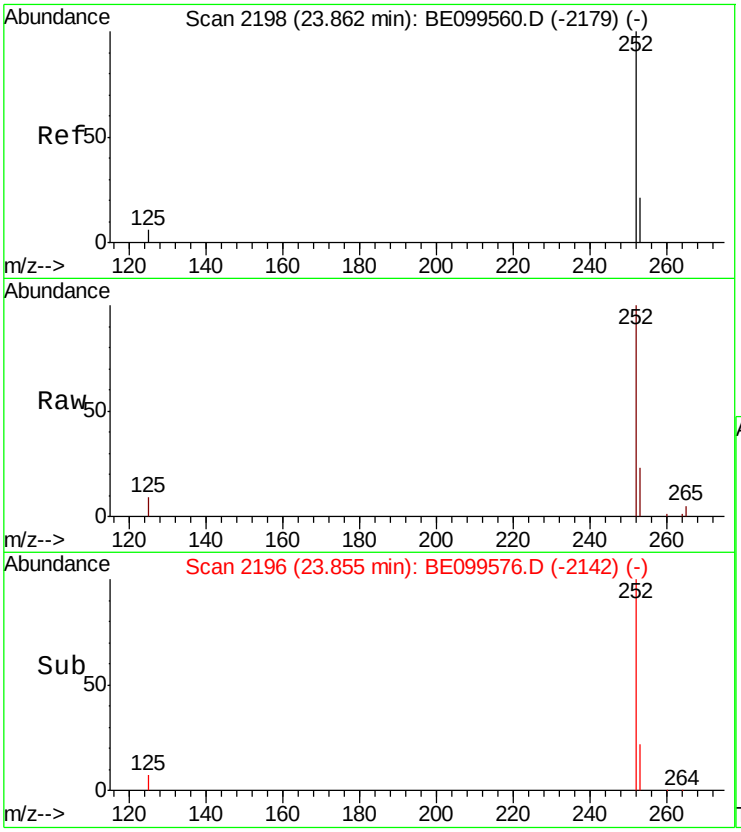


#36
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 23.23 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:252 Resp: 22073

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.1	28.7
125	6.6	5.8	8.6



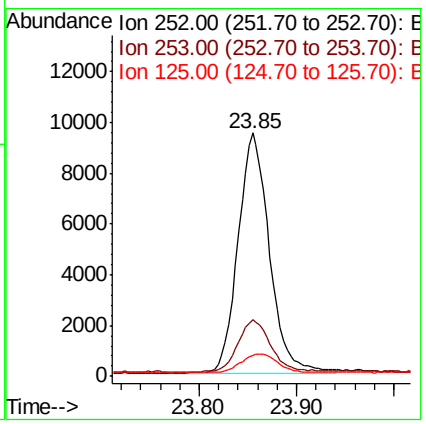


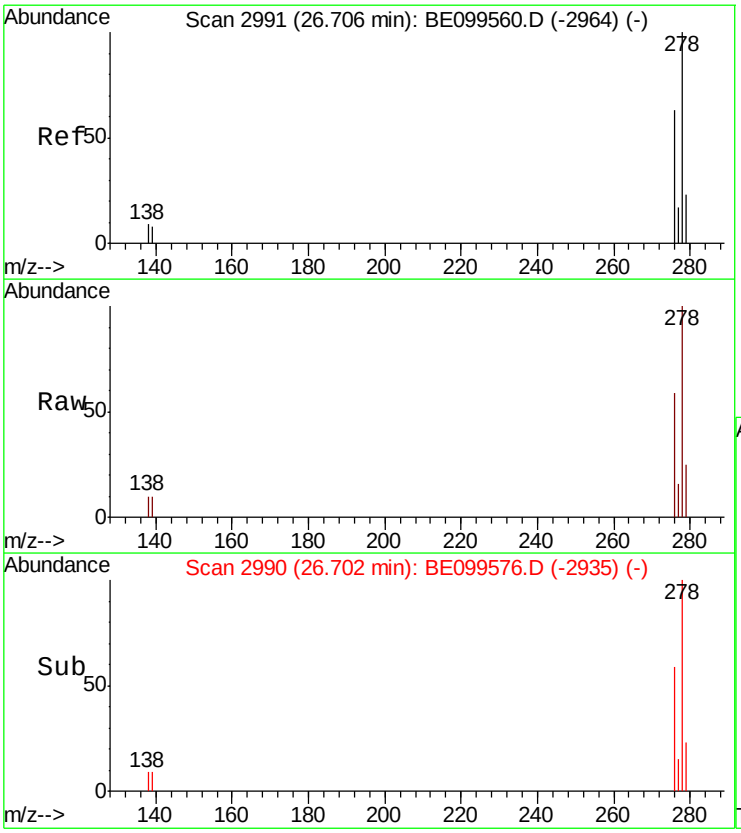
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.85 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21283

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	8.6	6.6	9.8

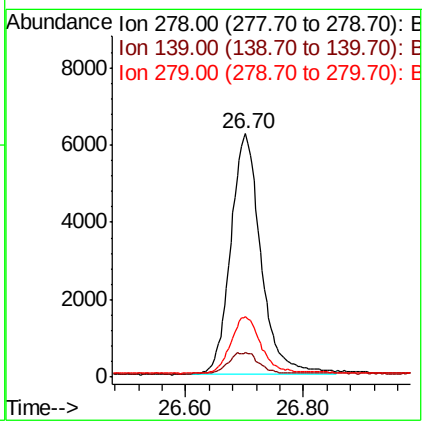


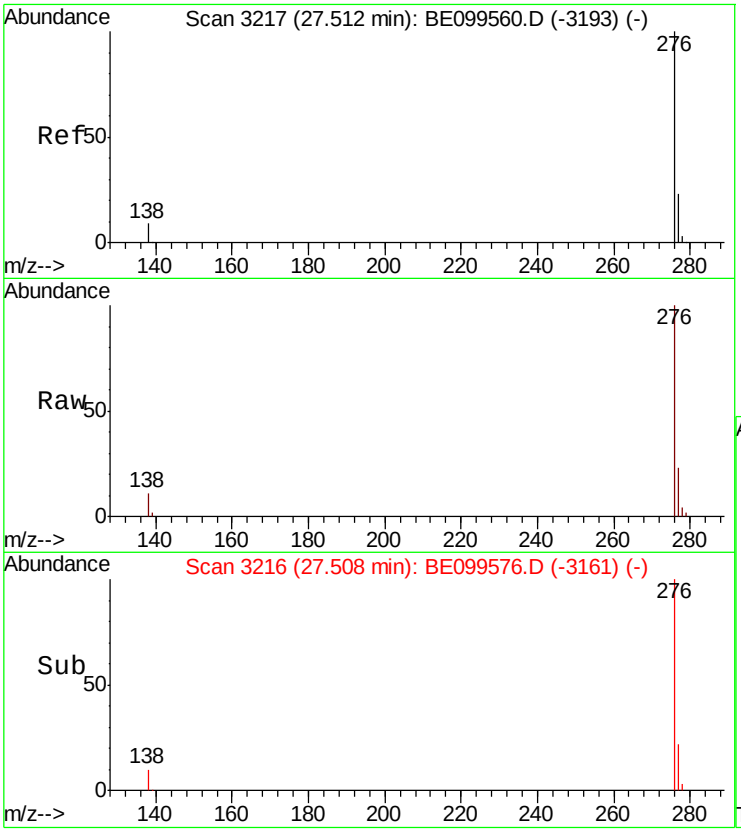


#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.70 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Tgt Ion:278 Resp: 22300

Ion	Ratio	Lower	Upper
278	100		
139	9.9	7.7	11.5
279	24.7	21.0	31.4





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.51 min Scan# 3216
Delta R.T. -0.00 min
Lab File: BE099576.D
Acq: 8 May 2019 11:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 22658

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.7	29.5
138	11.5	8.6	12.8