Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099663.D
Acq On : 20 May 2019 13:38
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 20 15:45:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 15:39:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1687	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	5904	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	4106	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	12403	0.40	ng		0.00
27) Chrysene-d12	21.41	240	20542	0.40	ng		0.00
34) Perylene-d12	23.96	264	22249	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	6914	1.44	ng		0.00
5) Phenol-d6	6.97	99	9240	1.52	ng		0.00
8) Nitrobenzene-d5	8.96	82	8917	1.56	ng		-0.01
11) 2-Methylnaphthalene-d10	12.22	152	16371	1.65	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	4371	1.56	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	25516	1.61	ng		0.00
25) Fluoranthene-d10	19.26	212	280012	1.70	ng		0.00
29) Terphenyl-d14	19.86	244	58928	1.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	3706	1.489	ng		93
3) n-Nitrosodimethylamine	3.61	42	2024	1.276	ng	#	79
6) bis(2-Chloroethyl)ether	7.23	93	8163	1.599	ng		99
9) Naphthalene	10.67	128	102786	1.636	ng		99
10) Hexachlorobutadiene	10.94	225	7398	1.610	ng		97
12) 2-Methylnaphthalene	12.30	142	17130	1.651	ng		98
16) Acenaphthylene	14.20	152	32214	1.662	ng		99
17) Acenaphthene	14.54	154	18008	1.645	ng		100
18) Fluorene	15.53	166	26224	1.670	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	11868	1.660	ng	#	92
21) Hexachlorobenzene	16.53	284	11928	1.698	ng		99
22) Pentachlorophenol	16.89	266	3543	1.264	ng		90
23) Phenanthrene	17.27	178	50217	1.631	ng		99
24) Anthracene	17.36	178	46697	1.644	ng		99
26) Fluoranthene	19.29	202	79973	1.717	ng		100
28) Pyrene	19.66	202	81639	1.559	ng		100
30) Benzo(a)anthracene	21.40	228	96713	1.558	ng		99
31) Chrysene	21.45	228	100467	1.571	ng		100
32) Bis(2-ethylhexyl)phthalate	21.32	149	104830	1.095	ng		100
33) Indeno(1,2,3-cd)pyrene	26.65	276	124196	1.561	ng		99
35) Benzo(b)fluoranthene	23.17	252	99731	1.603	ng		99
36) Benzo(k)fluoranthene	23.22	252	104022	1.693	ng		99
37) Benzo(a)pyrene	23.84	252	96211	1.597	ng		97
38) Dibenzo(a,h)anthracene	26.67	278	102492	1.640	ng		99
39) Benzo(g,h,i)perylene	27.48	276	102620	1.633	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
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Acq On : 20 May 2019 13:38
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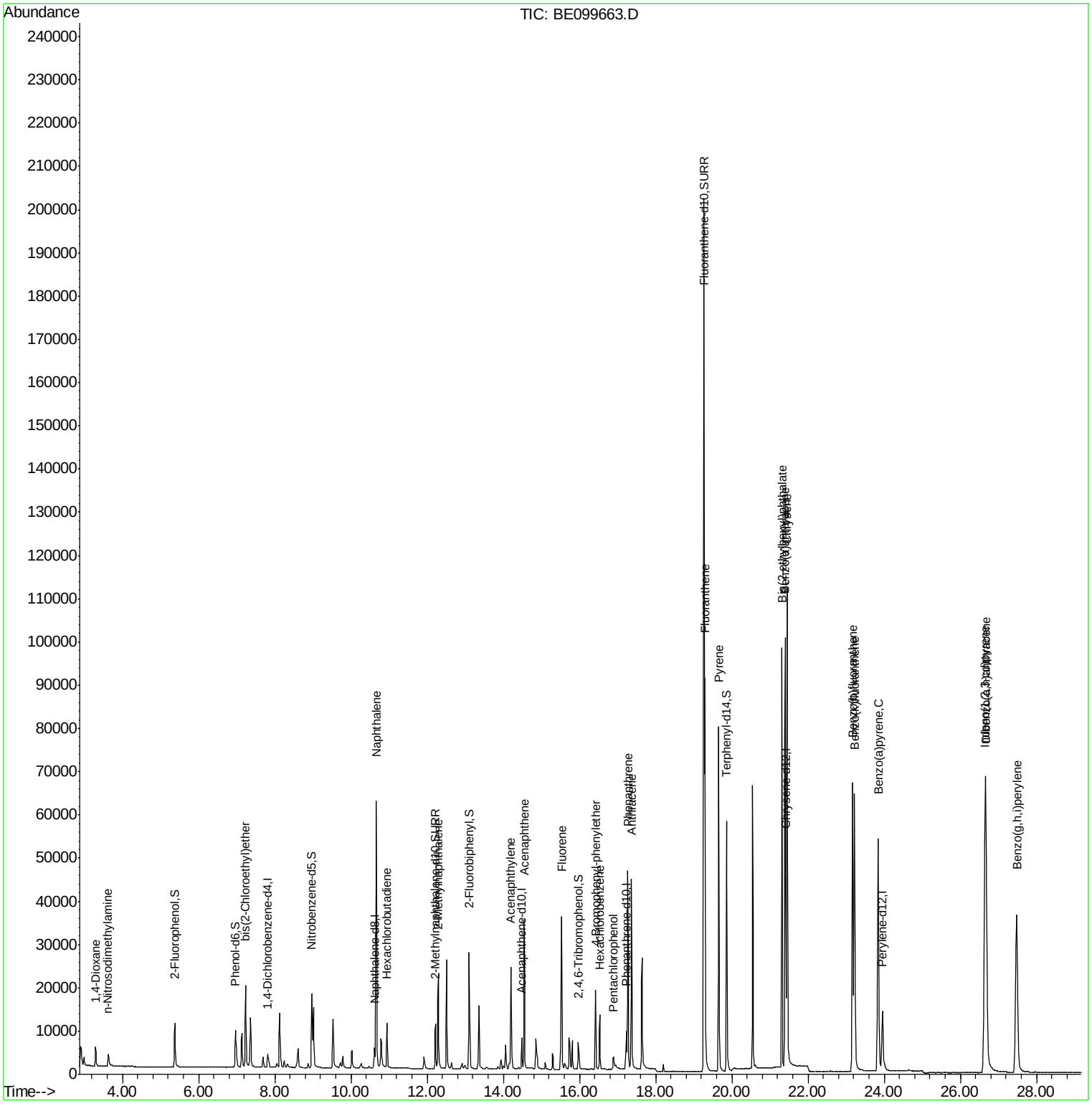
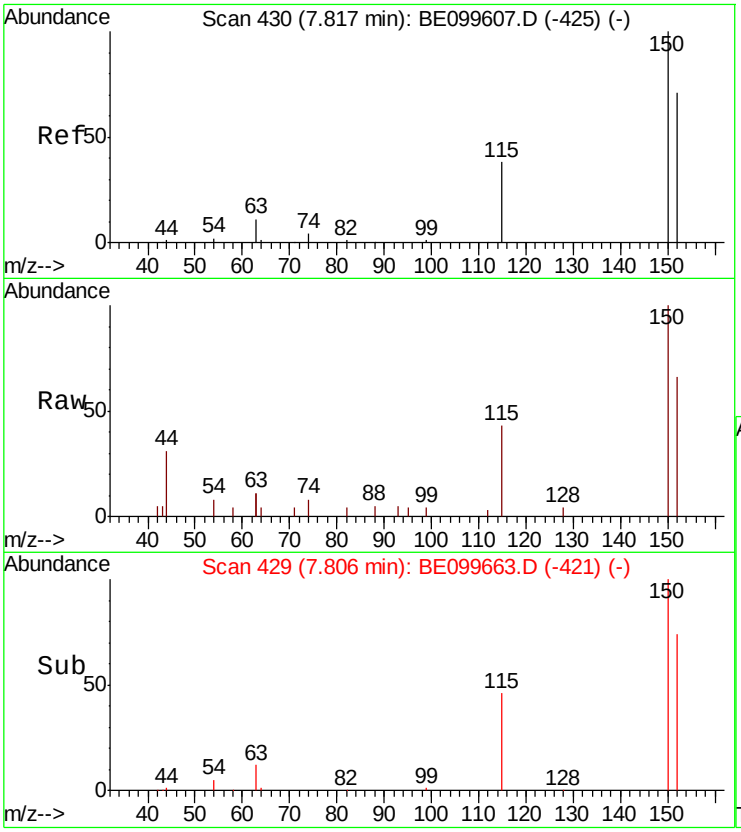
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 20 15:45:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 15:39:28 2019
Response via : Initial Calibration



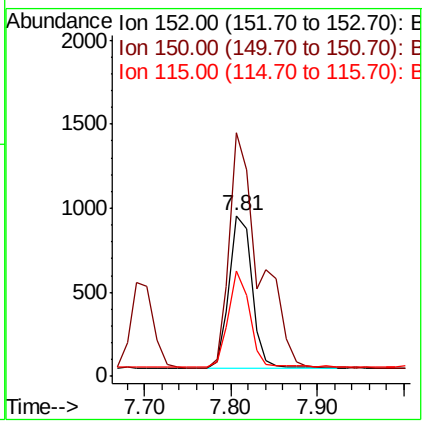


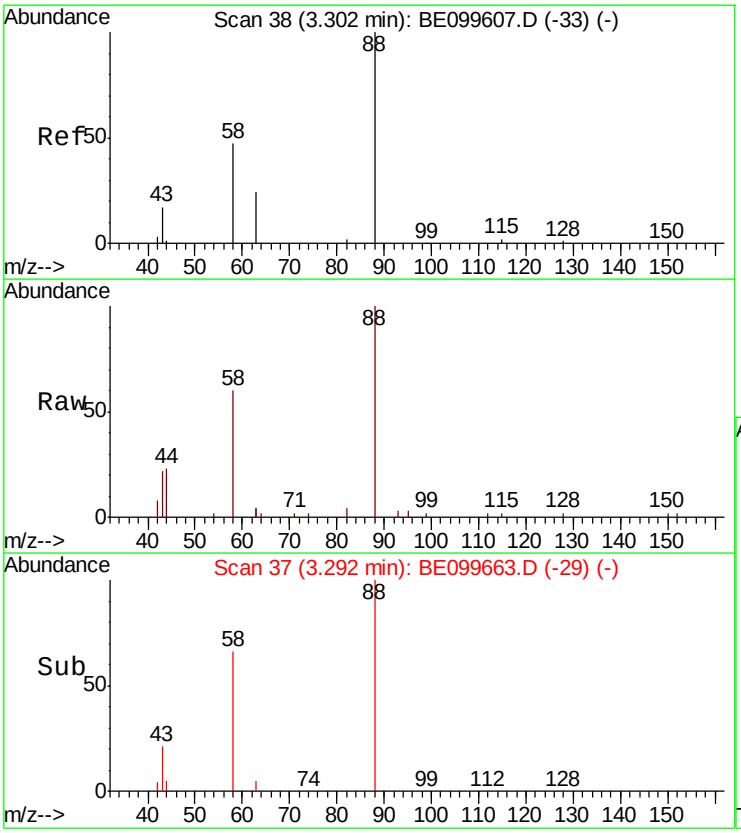
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1687

Ion	Ratio	Lower	Upper
152	100		
150	151.3	109.2	163.8
115	65.5	43.7	65.5

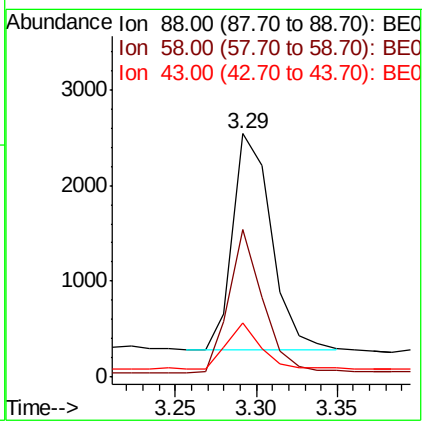


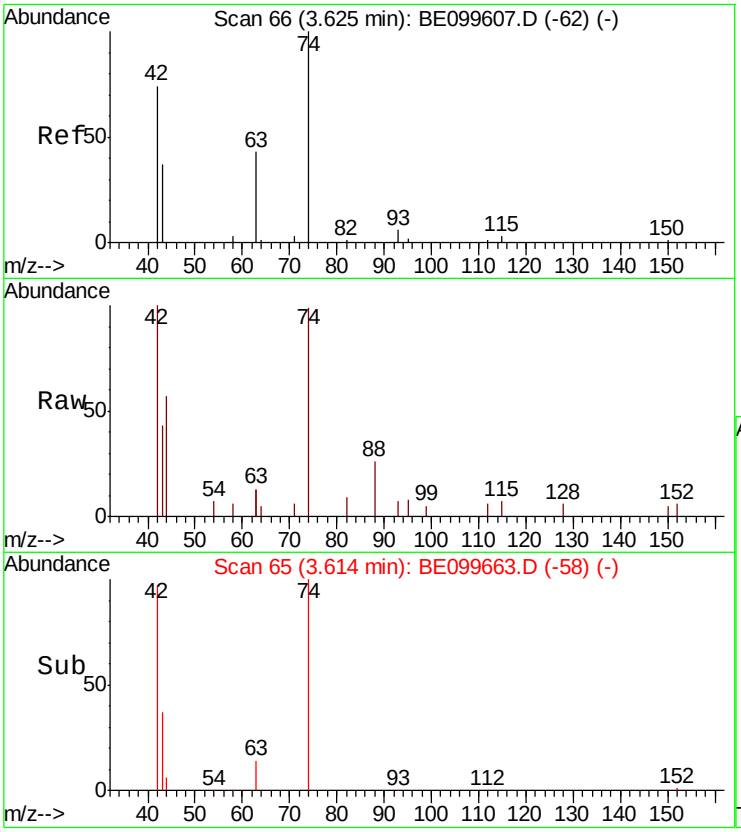


#2
1,4-Dioxane
Concen: 1.489 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion: 88 Resp: 3706

Ion	Ratio	Lower	Upper
88	100		
58	58.7	41.8	62.8
43	19.5	15.0	22.4



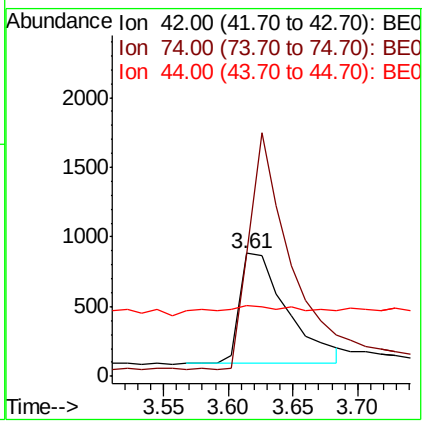


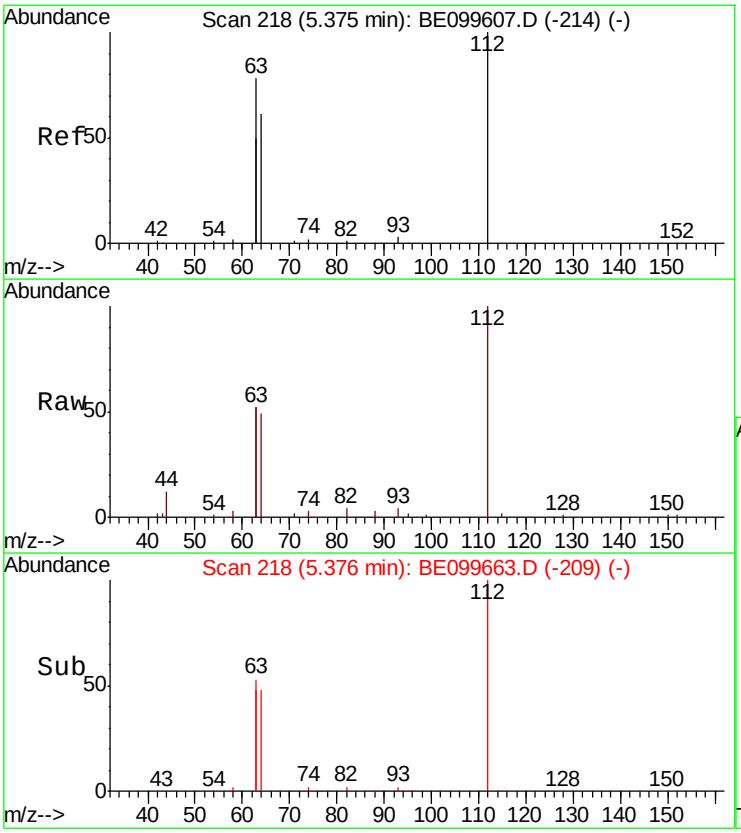
#3
n-Nitrosodimethylamine
Concen: 1.276 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2024

Ion	Ratio	Lower	Upper
42	100		
74	188.4	128.4	192.6
44	17.5	0.0	0.0#

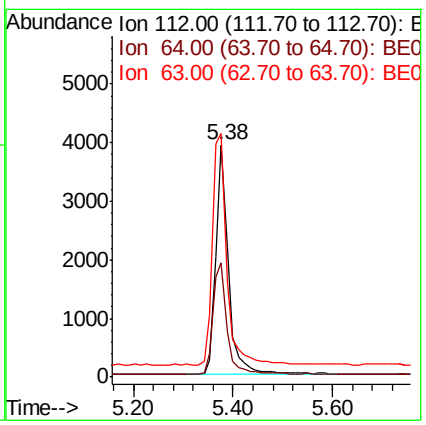


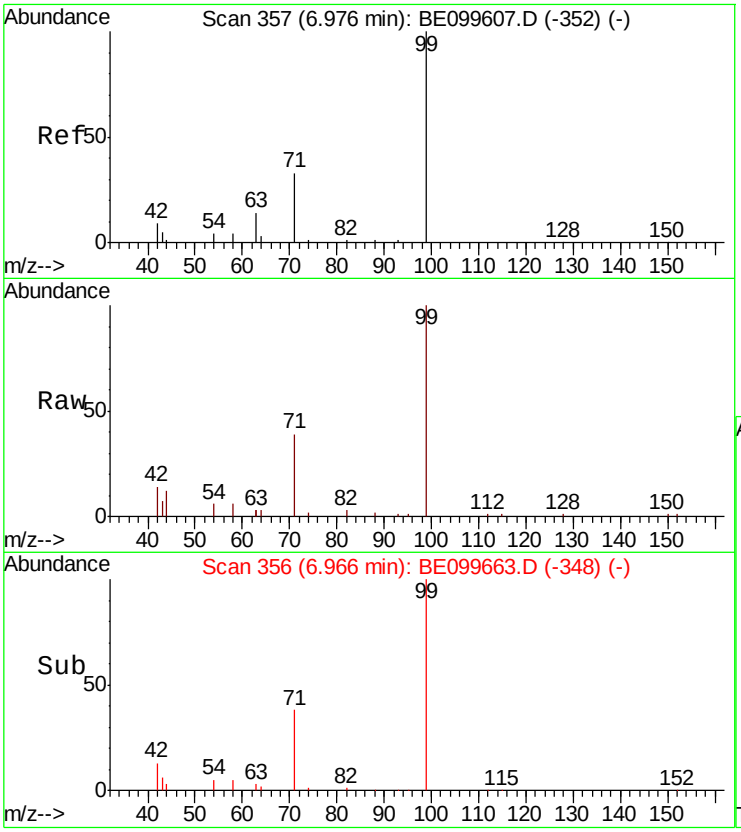


#4
2-Fluorophenol
Concen: 1.444 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:112 Resp: 6914

Ion	Ratio	Lower	Upper
112	100		
64	53.0	43.4	65.2
63	113.7	96.9	145.3



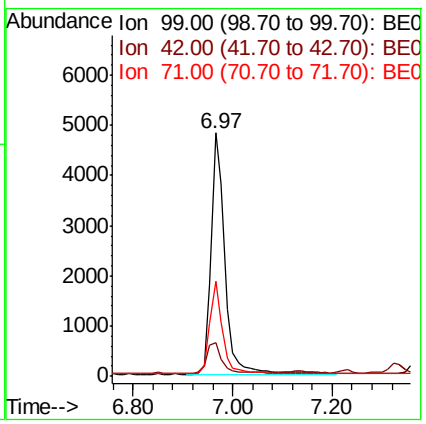


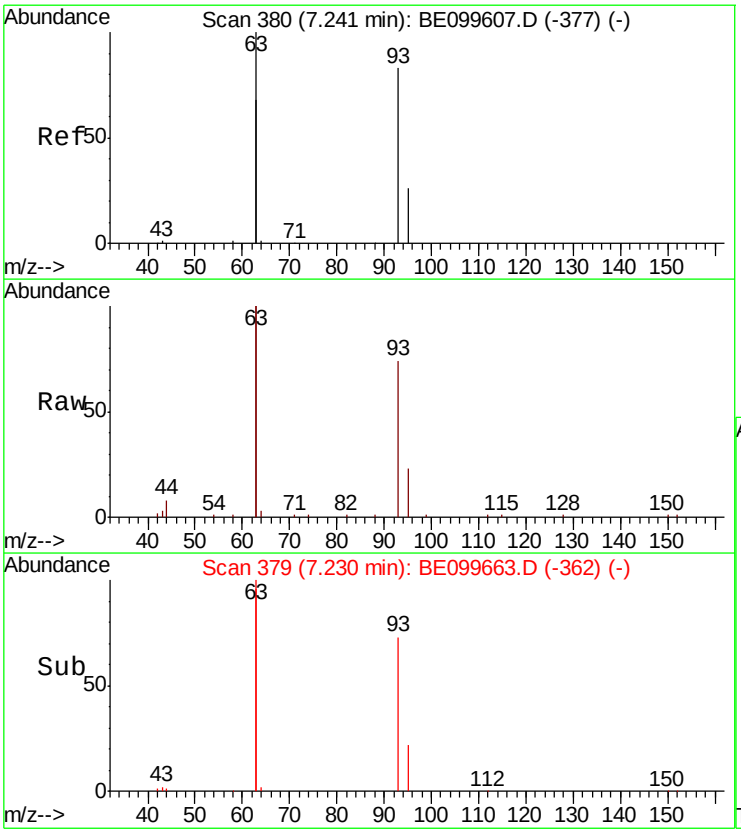
#5
Phenol-d6
Concen: 1.522 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 9240

Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.2	18.2
71	35.5	28.9	43.3

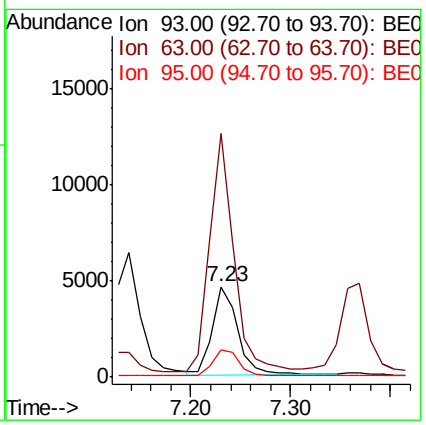


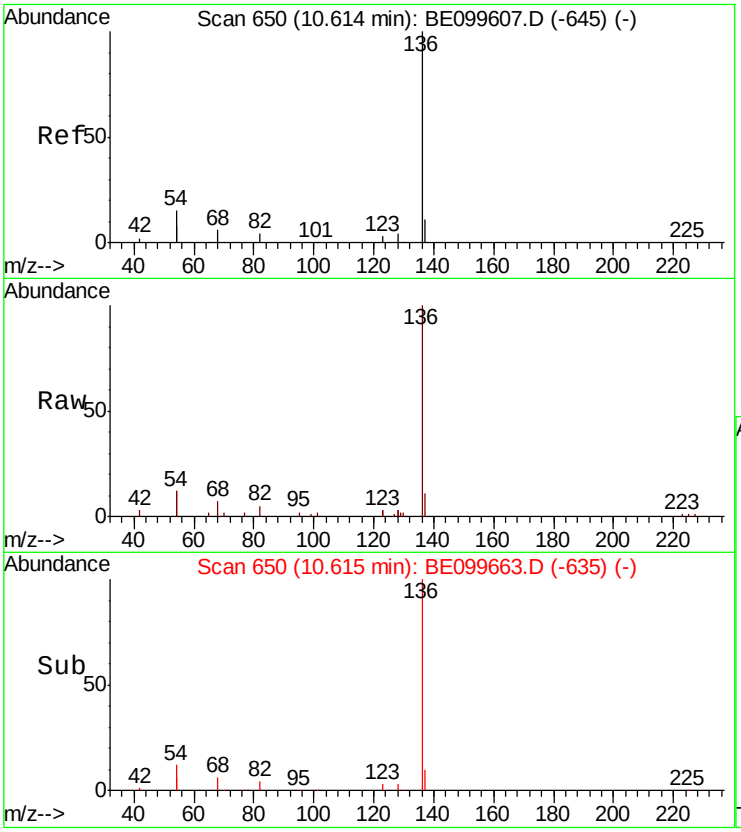


#6
bis(2-Chloroethyl)ether
Concen: 1.599 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion: 93 Resp: 8163

Ion	Ratio	Lower	Upper
93	100		
63	257.2	207.8	311.6
95	31.8	25.9	38.9



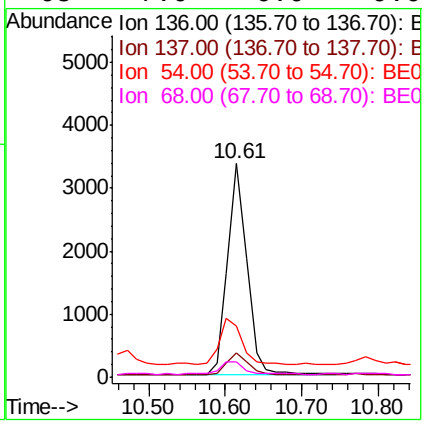


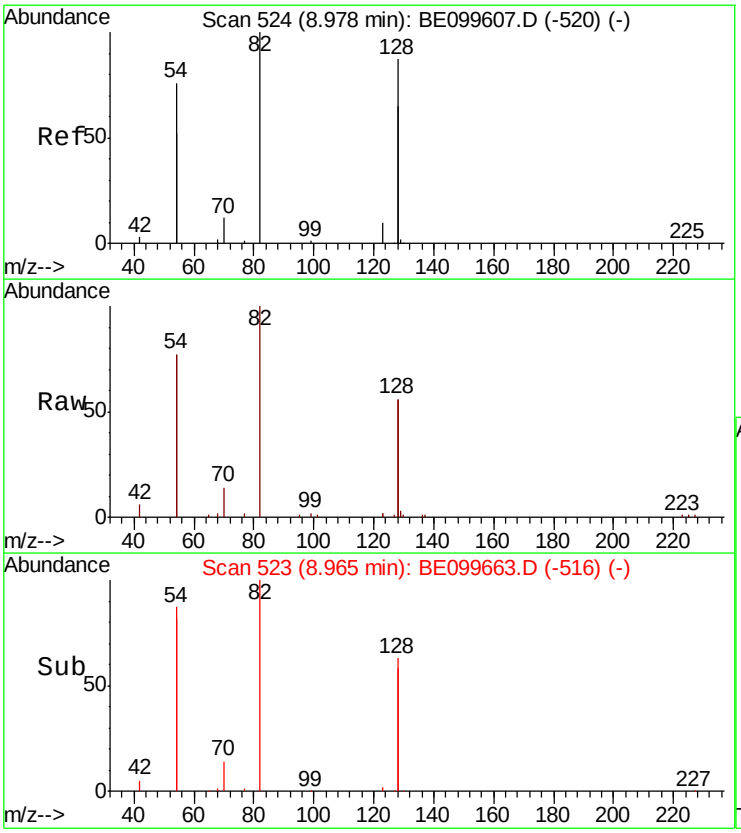
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5904

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	23.7	22.3	33.5
68	7.0	6.0	9.0

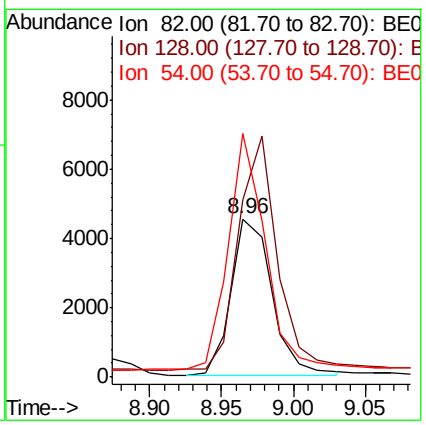


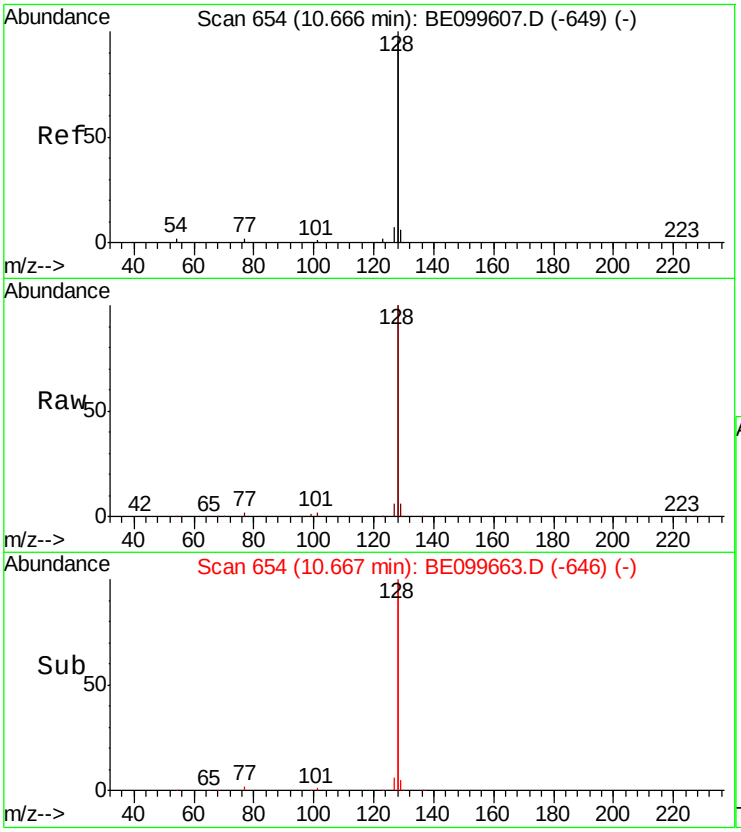


#8
Nitrobenzene-d5
Concen: 1.560 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion: 82 Resp: 8917

Ion	Ratio	Lower	Upper
82	100		
128	111.7	117.7	176.5#
54	154.0	106.6	160.0



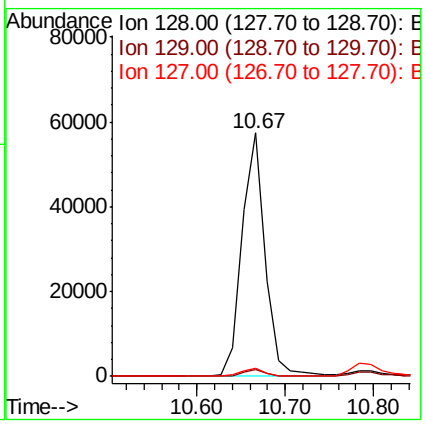


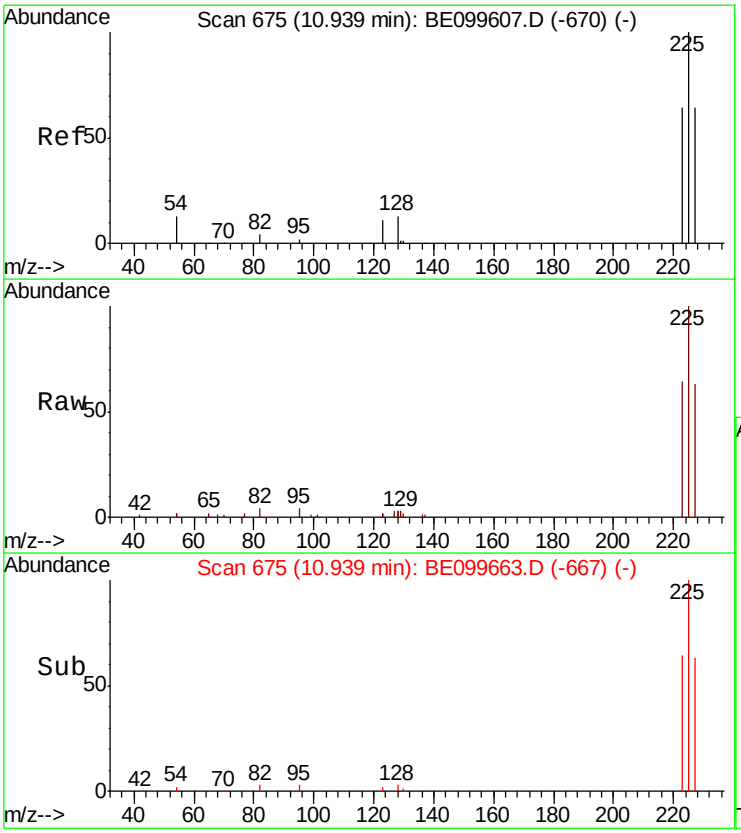
#9
Naphthalene
Concen: 1.636 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 102786

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.9	4.3

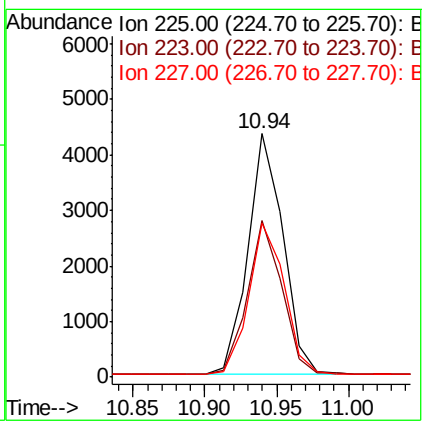


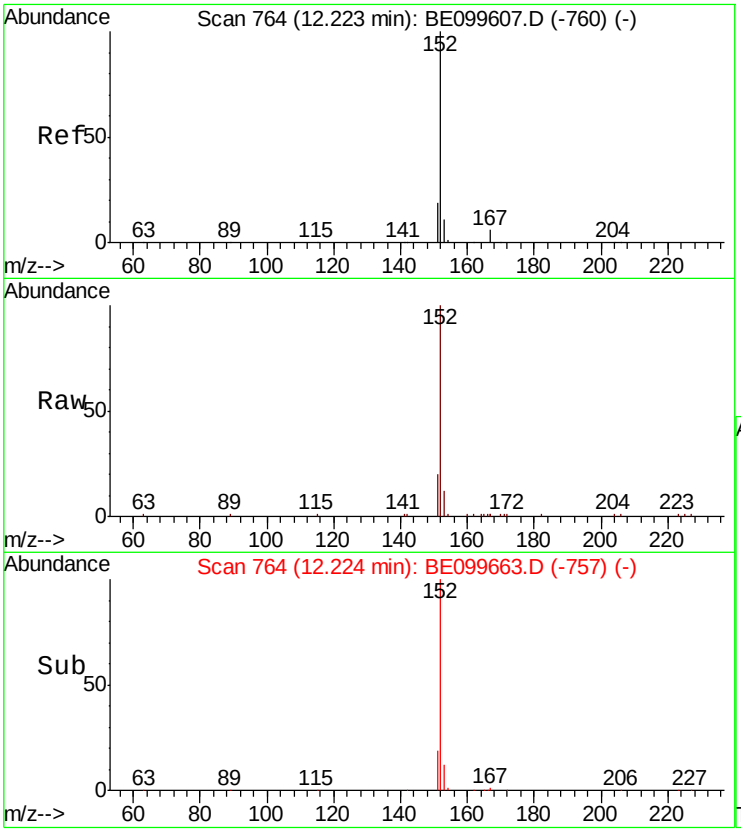


#10
Hexachlorobutadiene
Concen: 1.610 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:225 Resp: 7398

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.8	77.6
227	63.8	52.6	79.0



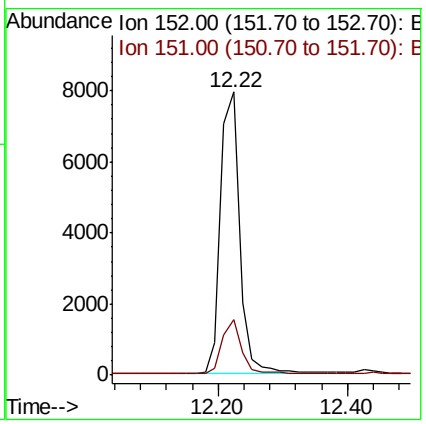


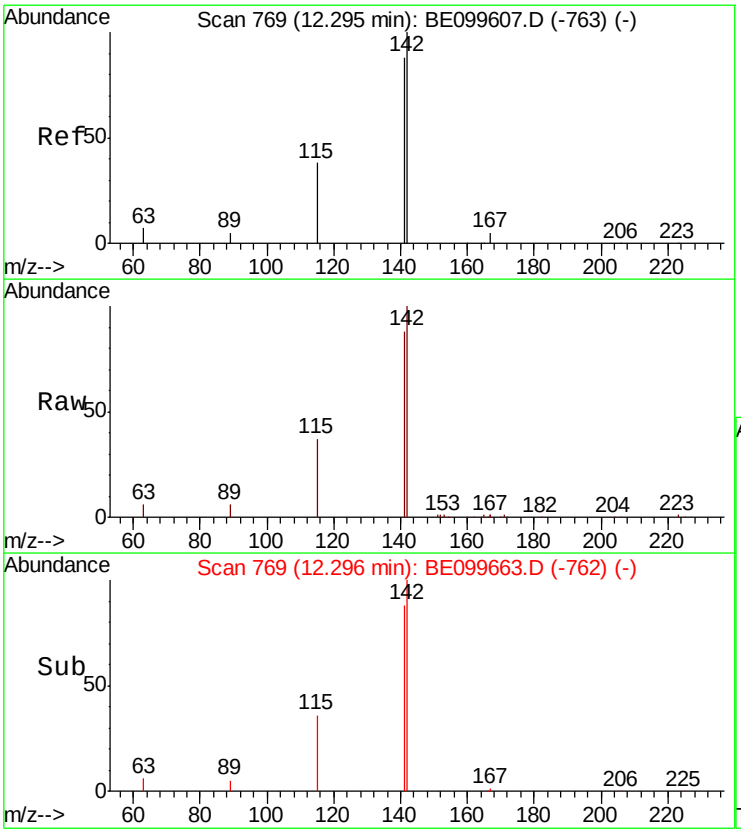
#11
2-Methylnaphthalene-d10
Concen: 1.649 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 16371

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.4

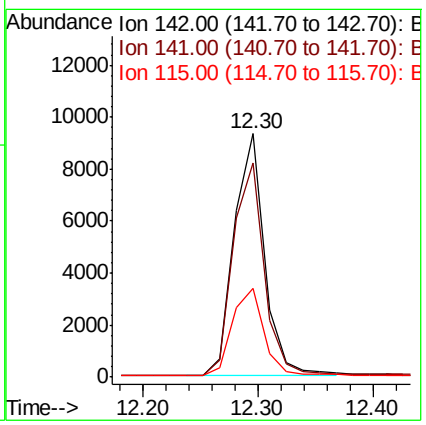


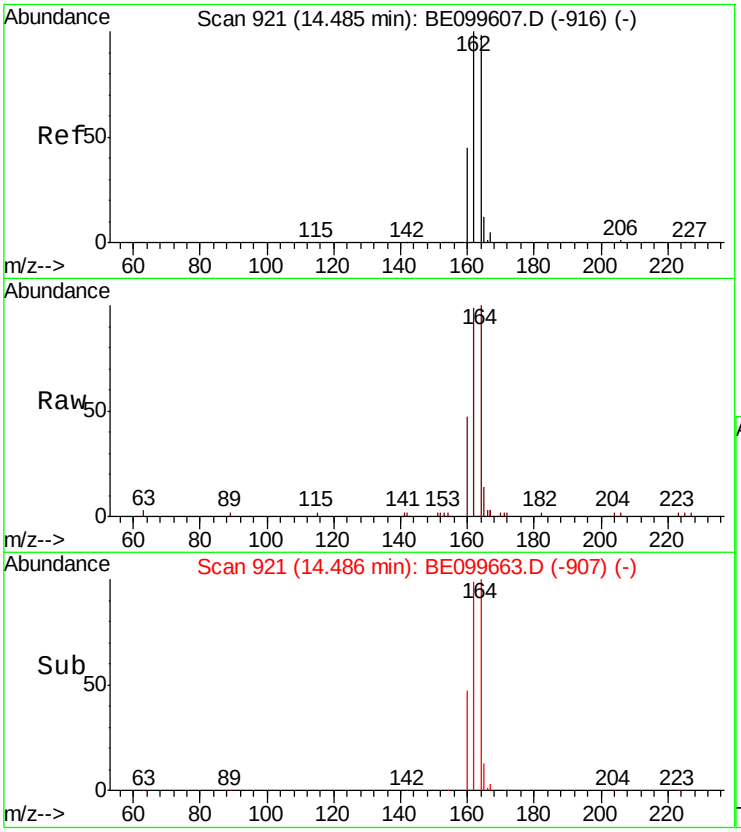


#12
2-Methylnaphthalene
Concen: 1.651 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:142 Resp: 17130

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.0	108.0
115	36.6	31.0	46.4



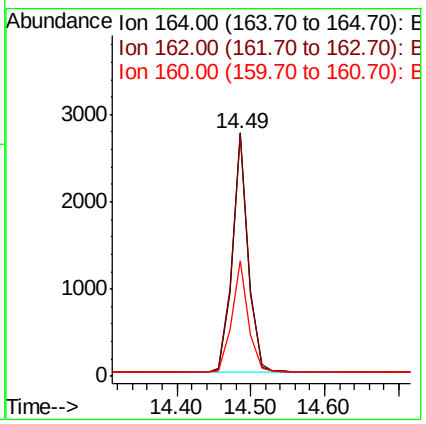


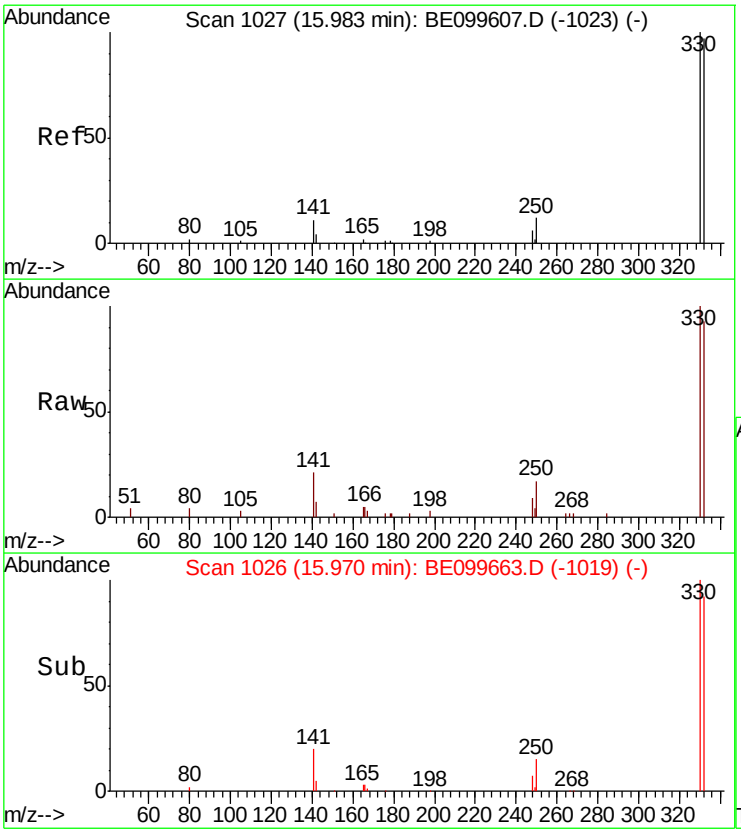
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4106

Ion	Ratio	Lower	Upper
164	100		
162	99.4	76.5	114.7
160	47.5	37.4	56.2

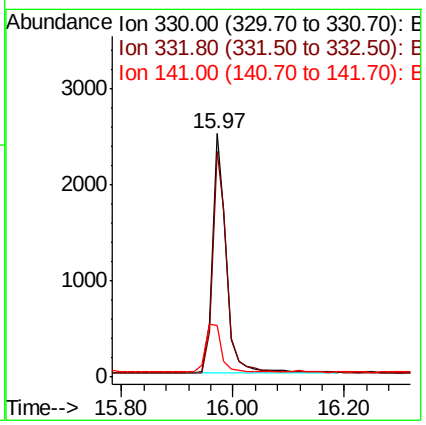


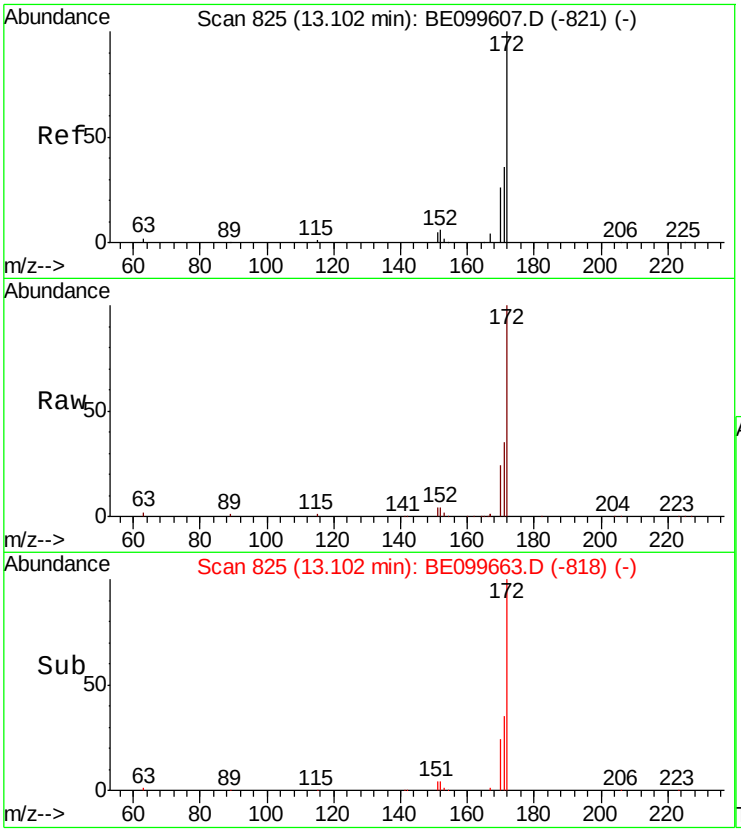


#14
2,4,6-Tribromophenol
Concen: 1.556 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:330 Resp: 4371

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	22.8	18.9	28.3



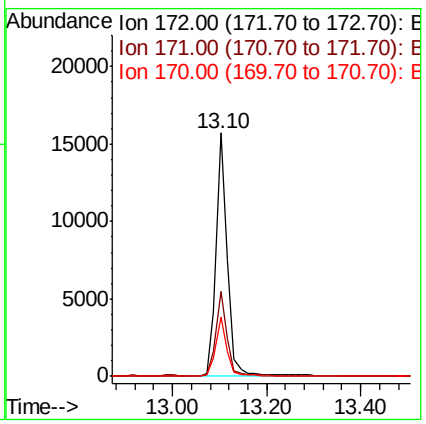


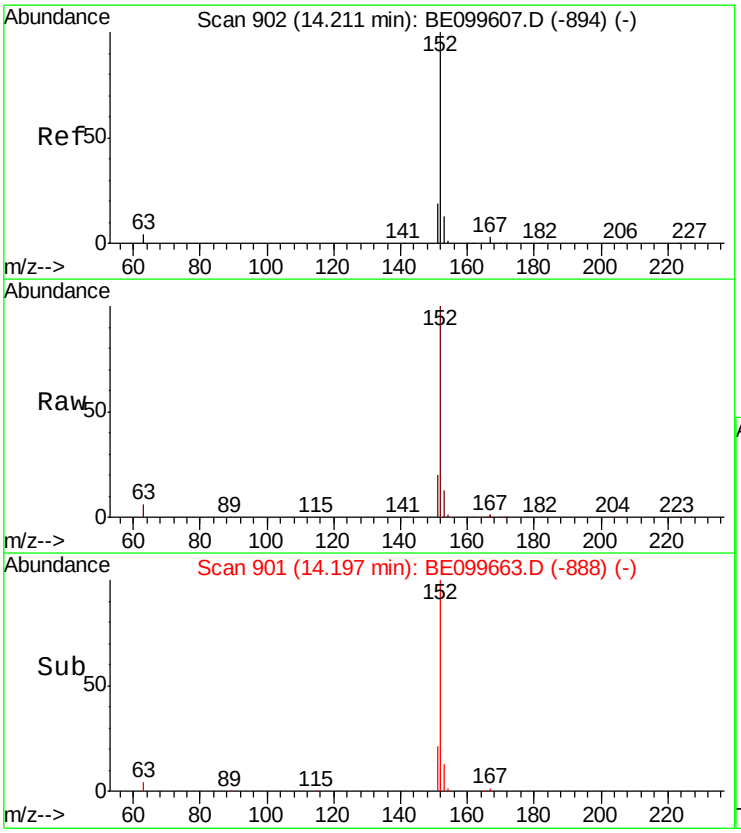
#15
2-Fluorobiphenyl
Concen: 1.614 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 25516

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	24.2	20.9	31.3

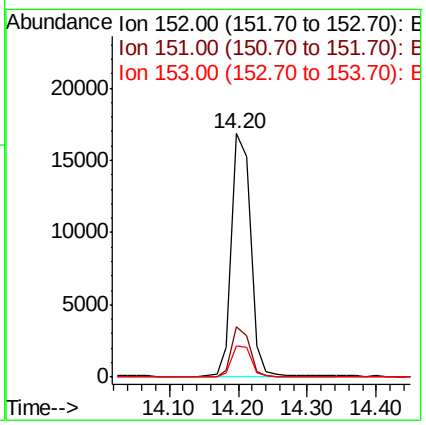


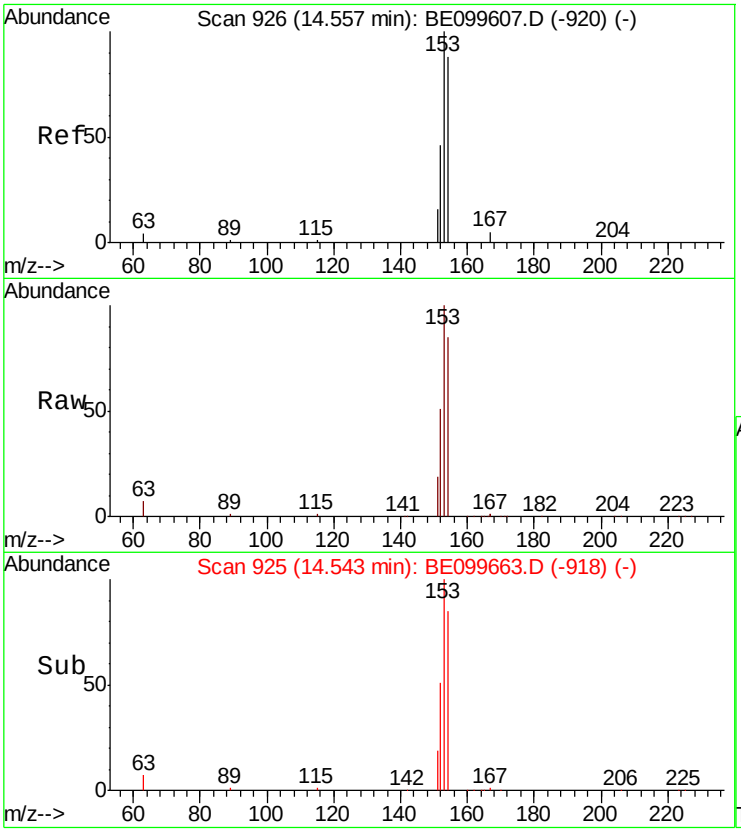


#16
Acenaphthylene
Concen: 1.662 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:152 Resp: 32214

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	12.9	10.6	16.0



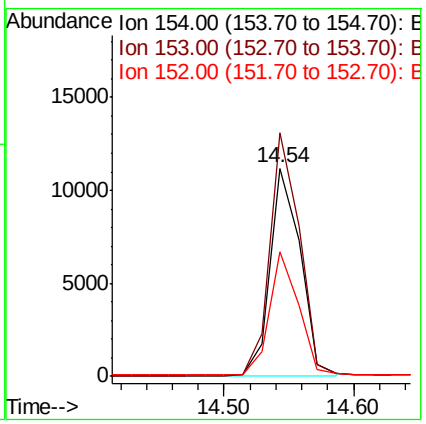


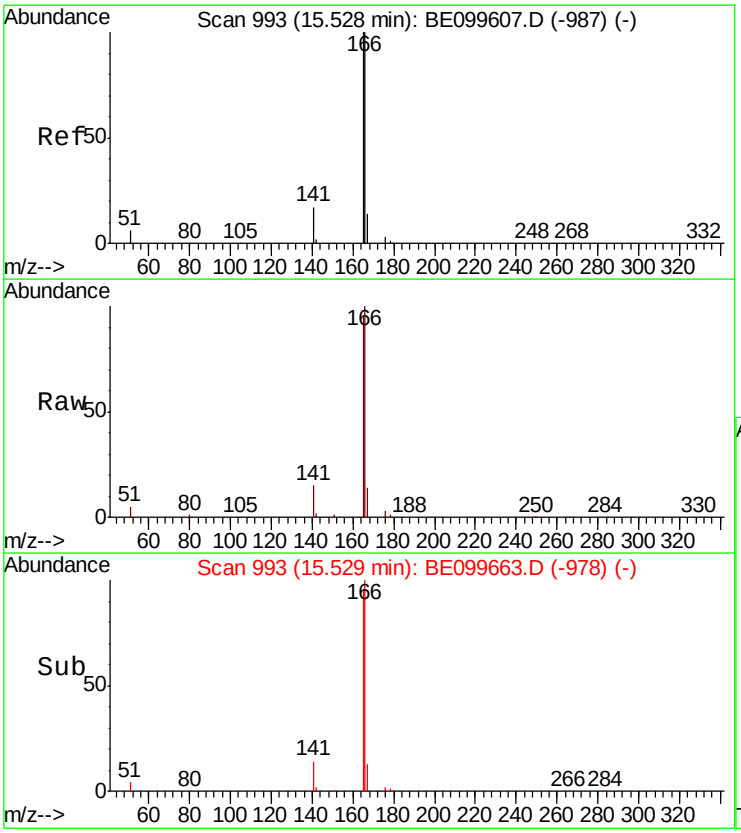
#17
Acenaphthene
Concen: 1.645 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 18008

Ion	Ratio	Lower	Upper
154	100		
153	115.5	92.2	138.4
152	57.9	46.2	69.4

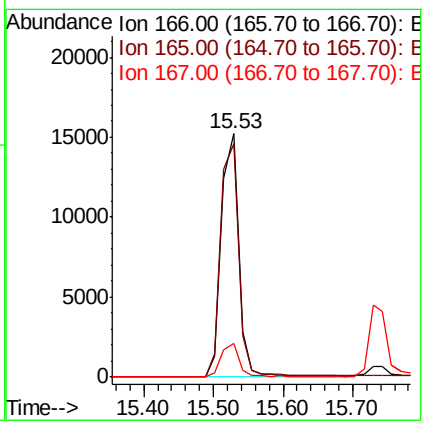


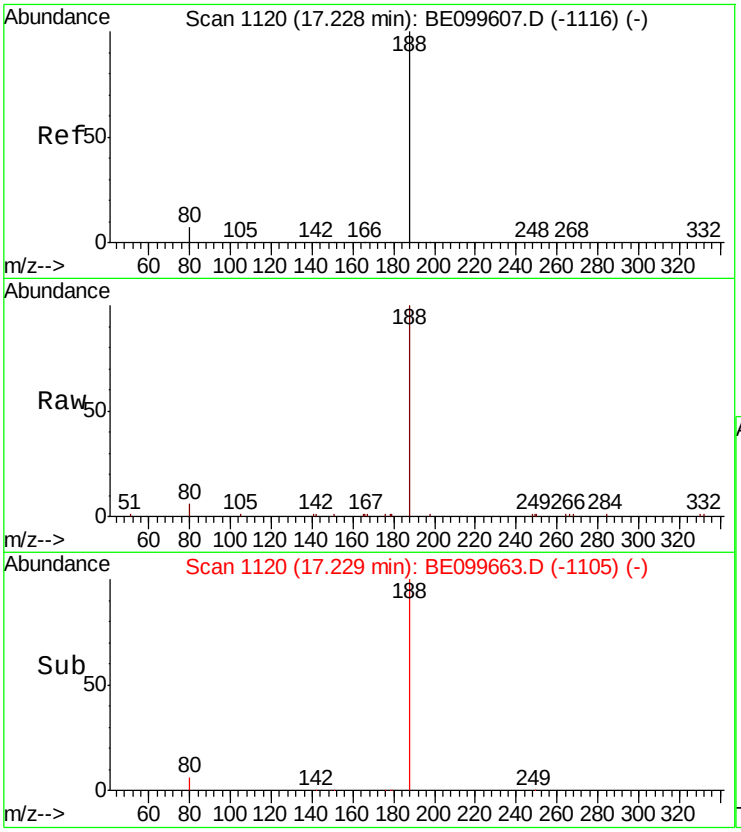


#18
Fluorene
Concen: 1.670 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:166 Resp: 26224

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.3	120.5
167	13.6	10.6	16.0



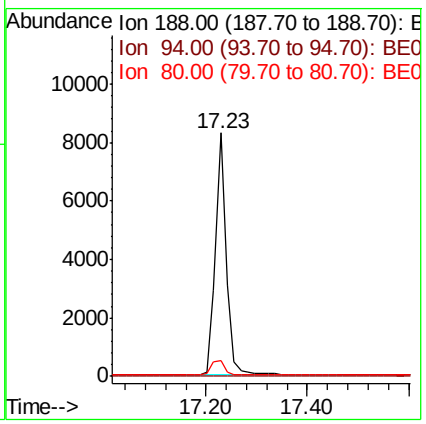


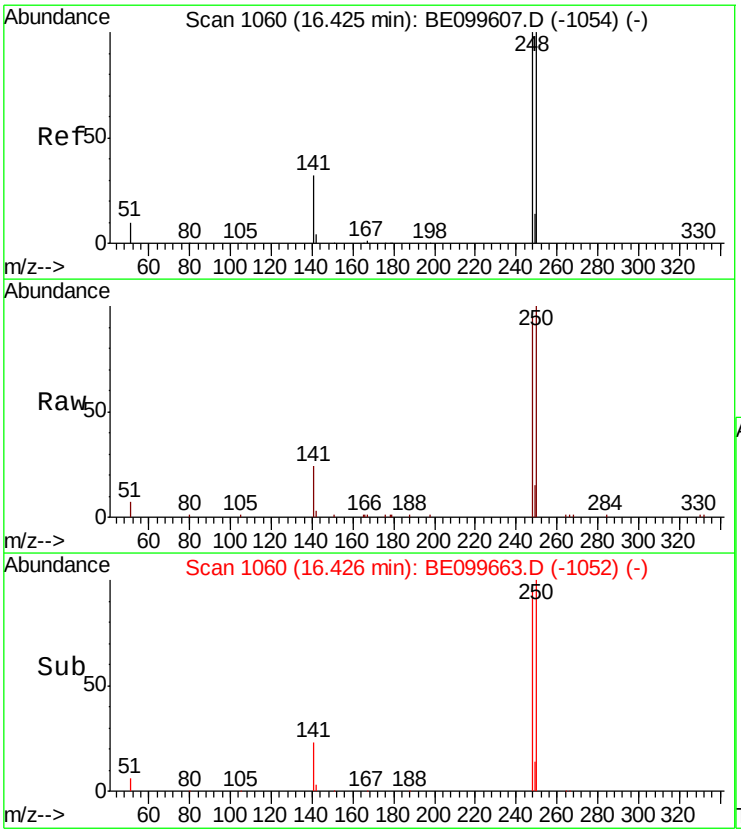
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 12403

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	6.7	10.1#

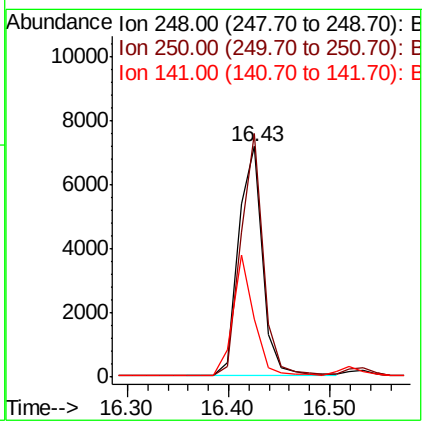


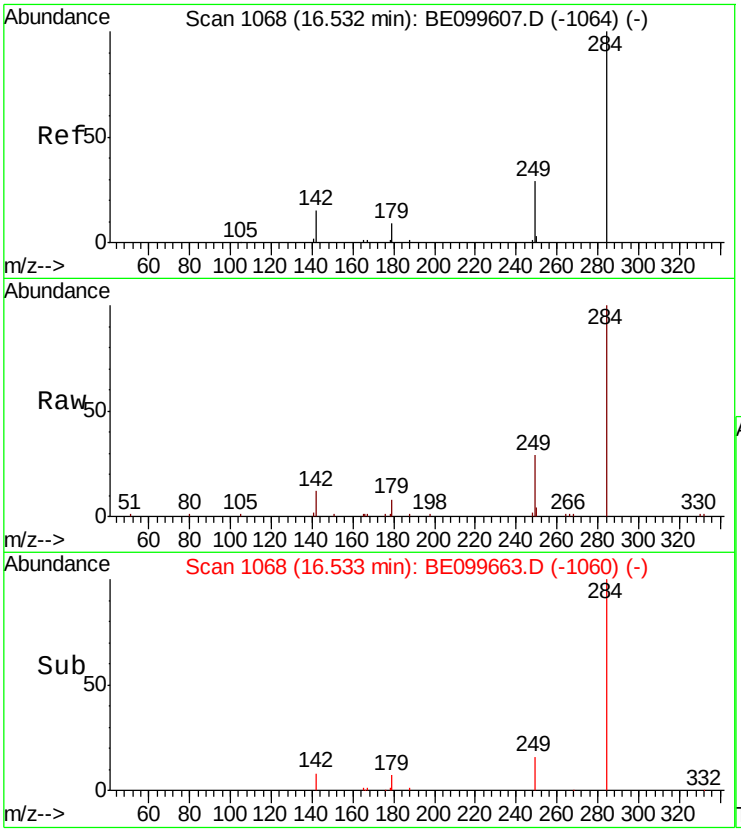


#20
4-Bromophenyl-phenylether
Concen: 1.660 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:248 Resp: 11868

Ion	Ratio	Lower	Upper
248	100		
250	105.7	79.8	119.8
141	25.2	27.0	40.6#



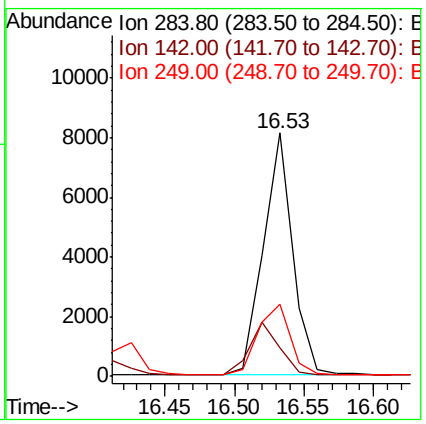


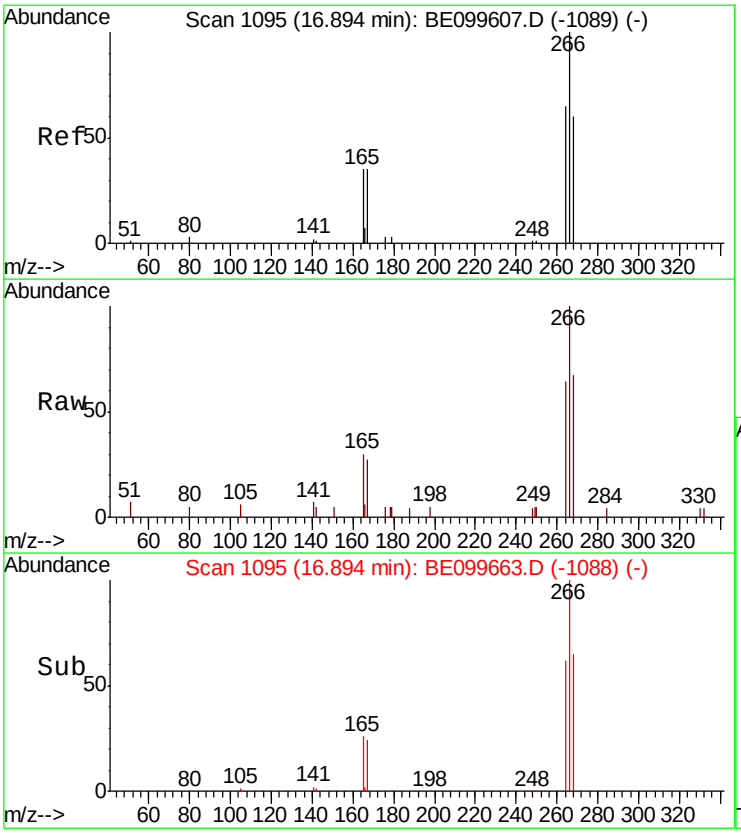
#21
Hexachlorobenzene
Concen: 1.698 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 11928

Ion	Ratio	Lower	Upper
284	100		
142	22.0	17.8	26.6
249	31.5	24.8	37.2

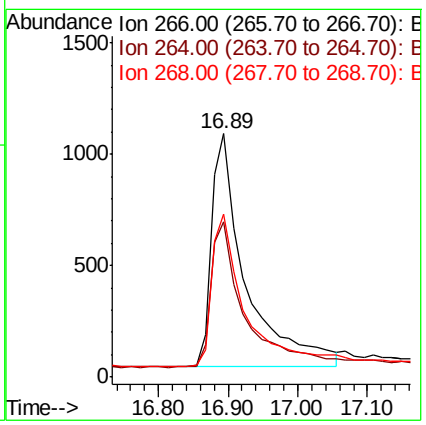


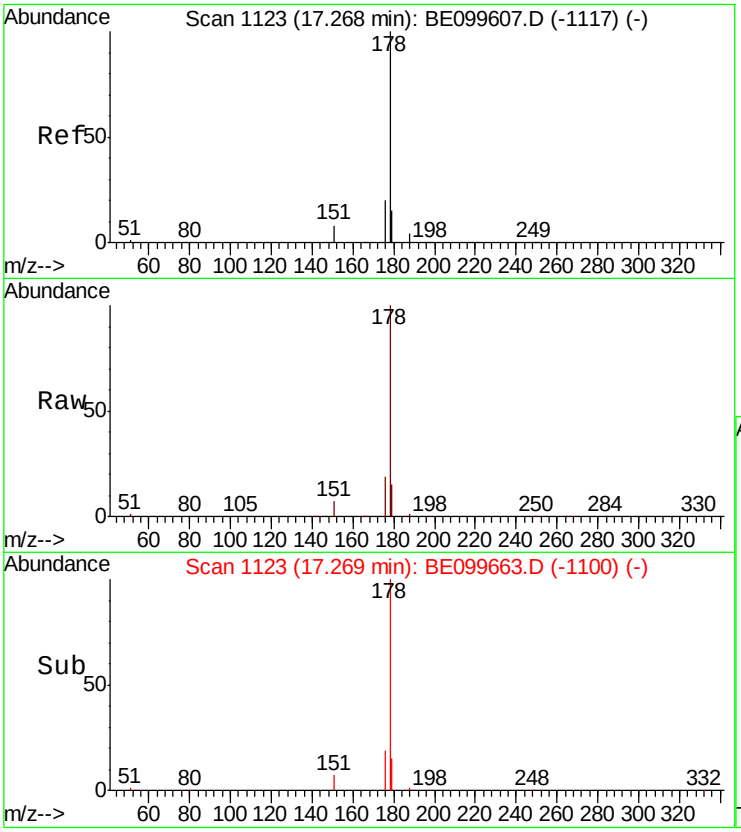


#22
Pentachlorophenol
Concen: 1.264 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:266 Resp: 3543

Ion	Ratio	Lower	Upper
266	100		
264	63.9	57.2	85.8
268	66.8	60.5	90.7



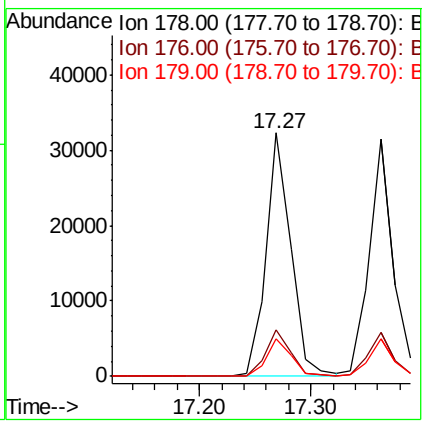


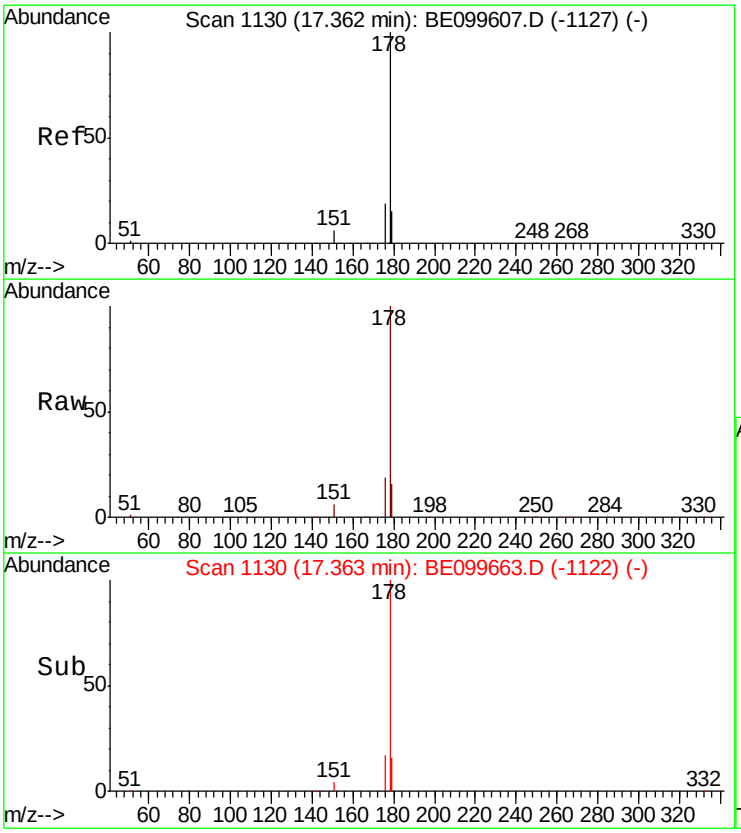
#23
Phenanthrene
Concen: 1.631 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 50217

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.4	12.2	18.4

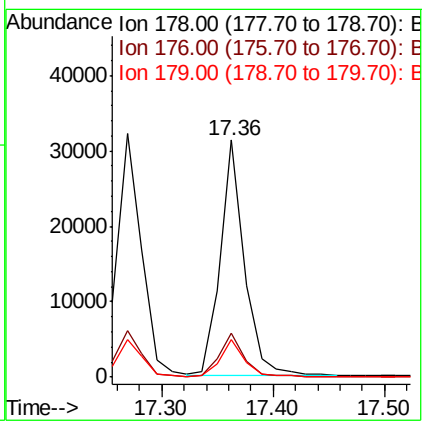


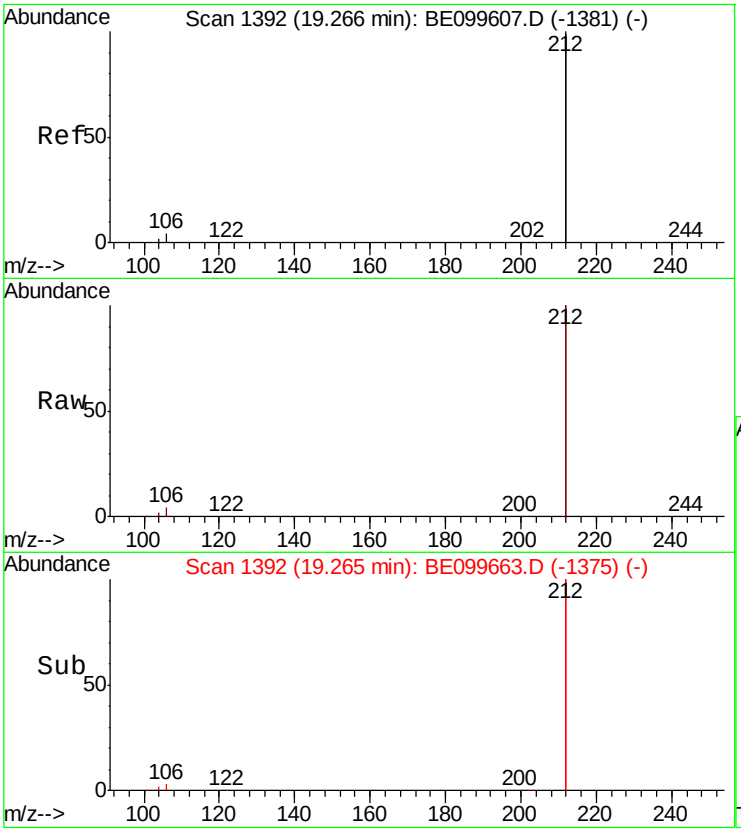


#24
Anthracene
Concen: 1.644 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:178 Resp: 46697

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.3	12.0	18.0



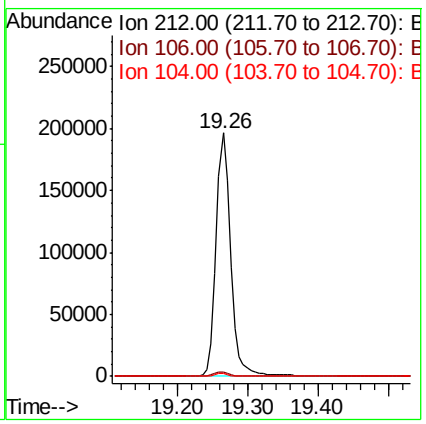


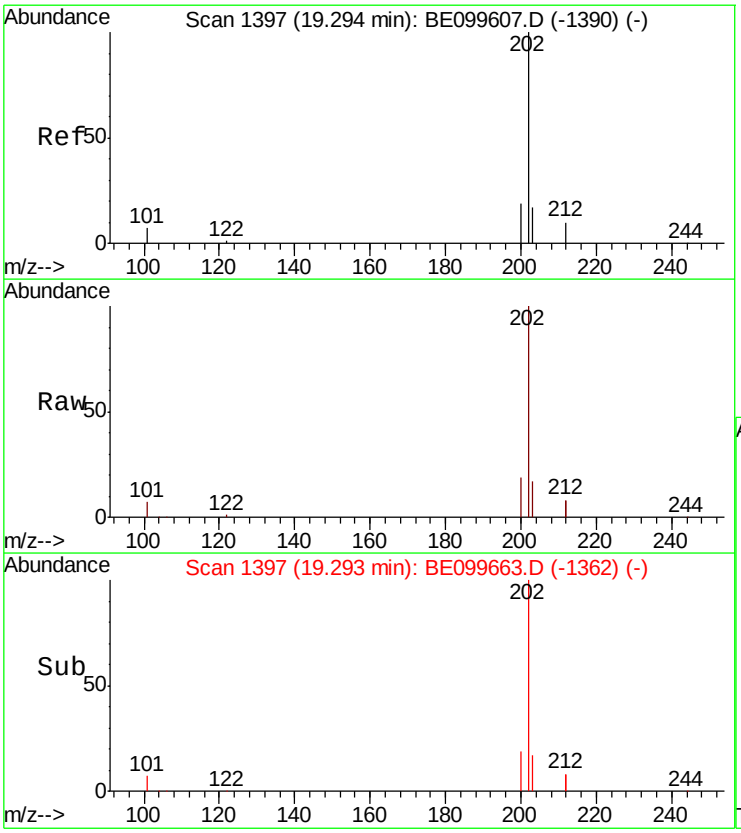
#25
Fluoranthene-d10
Concen: 1.697 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 280012

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.8	1.2

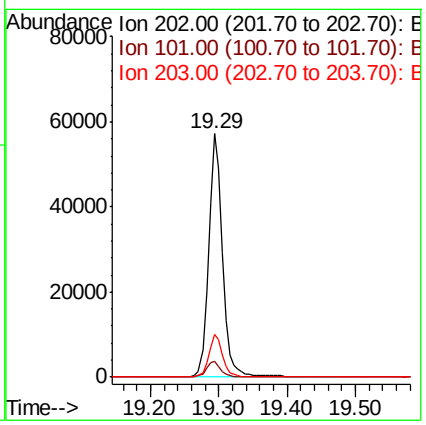


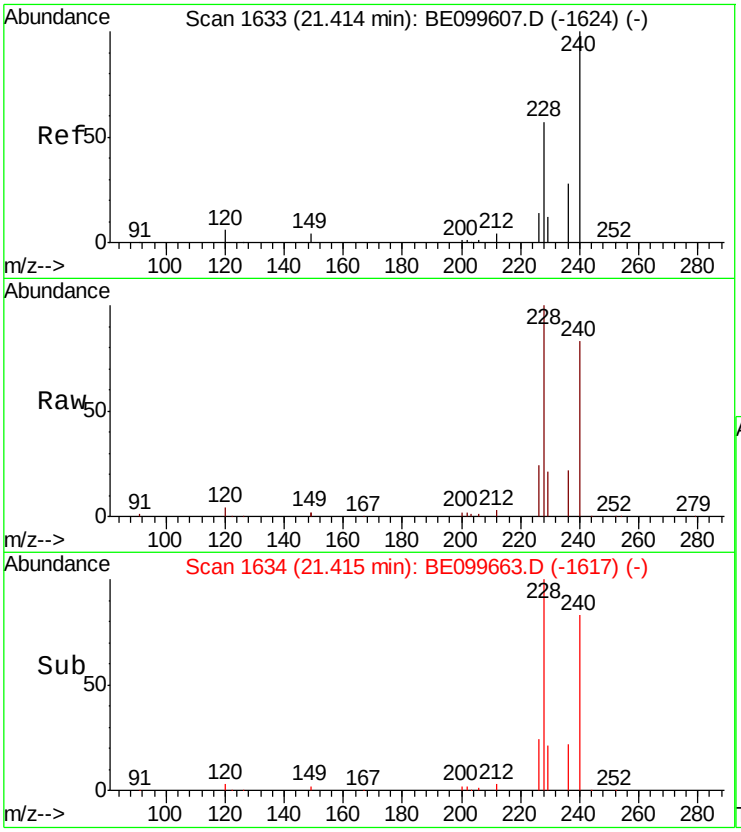


#26
Fluoranthene
Concen: 1.717 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:202 Resp: 79973

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	17.4	13.8	20.6



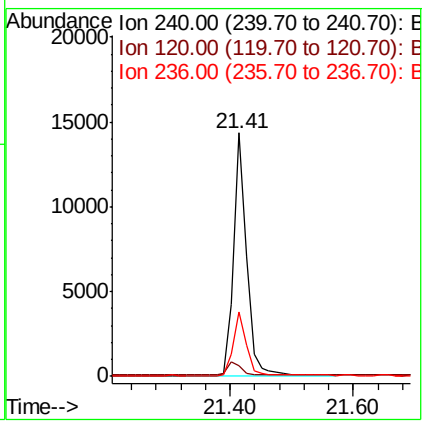


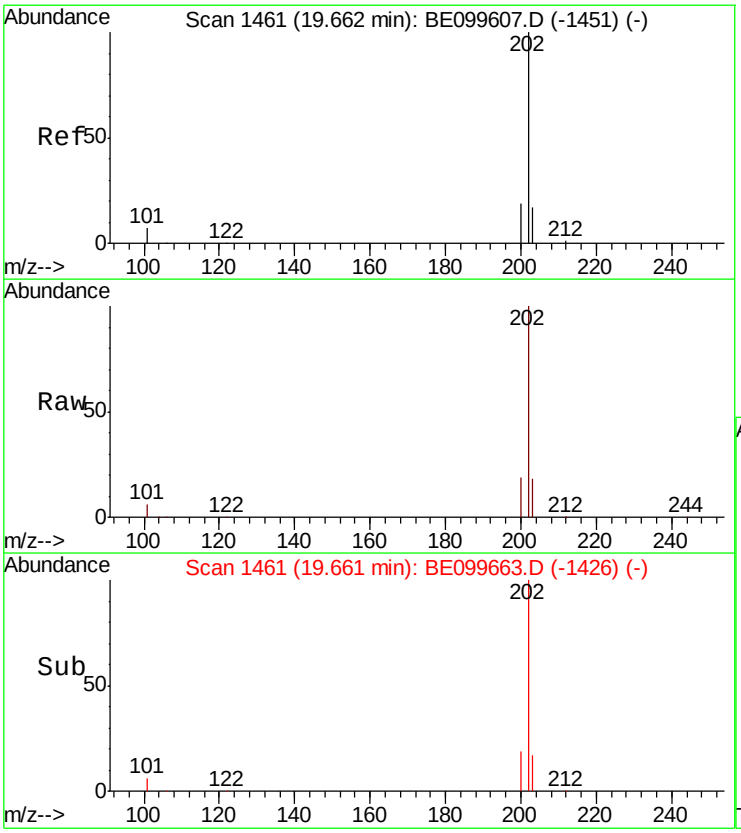
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 20542

Ion	Ratio	Lower	Upper
240	100		
120	4.6	5.4	8.0#
236	26.7	21.7	32.5

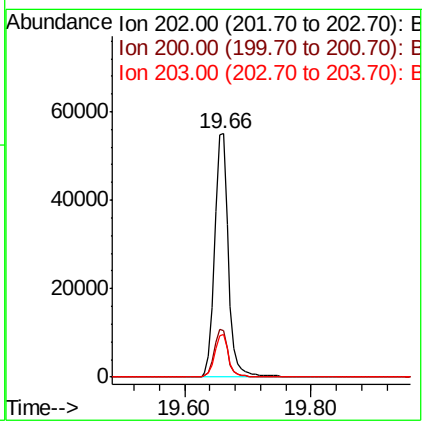


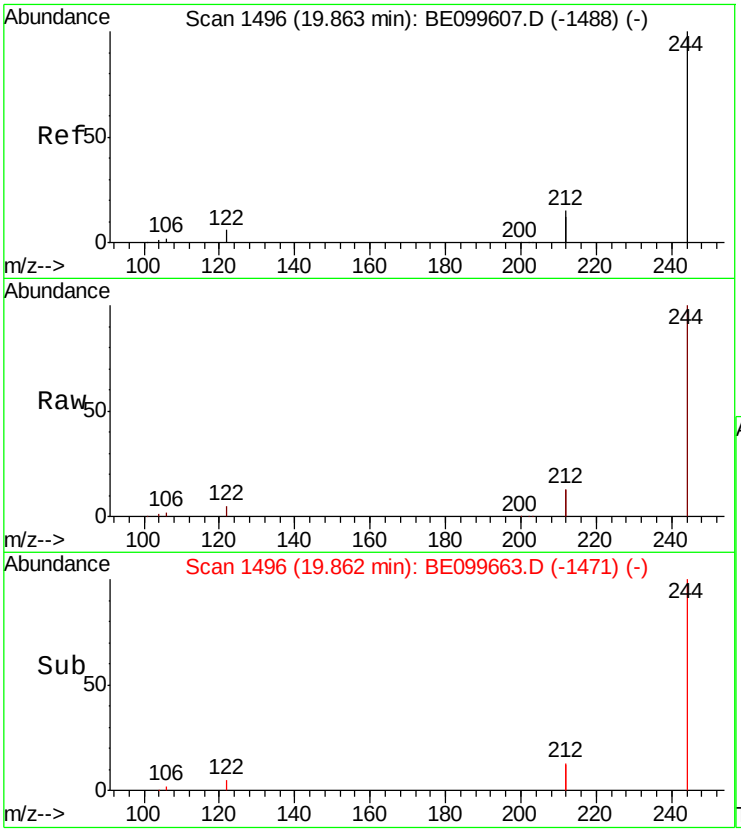


#28
Pyrene
Concen: 1.559 ng
RT: 19.66 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:202 Resp: 81639

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.4	23.2
203	17.5	13.8	20.8



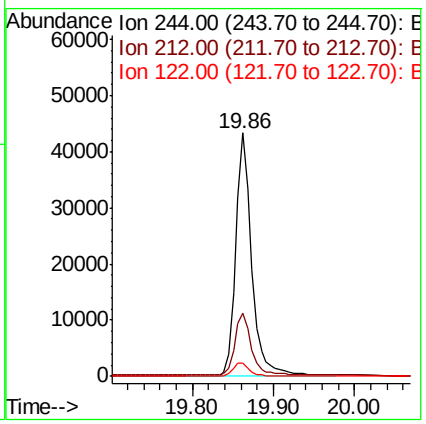


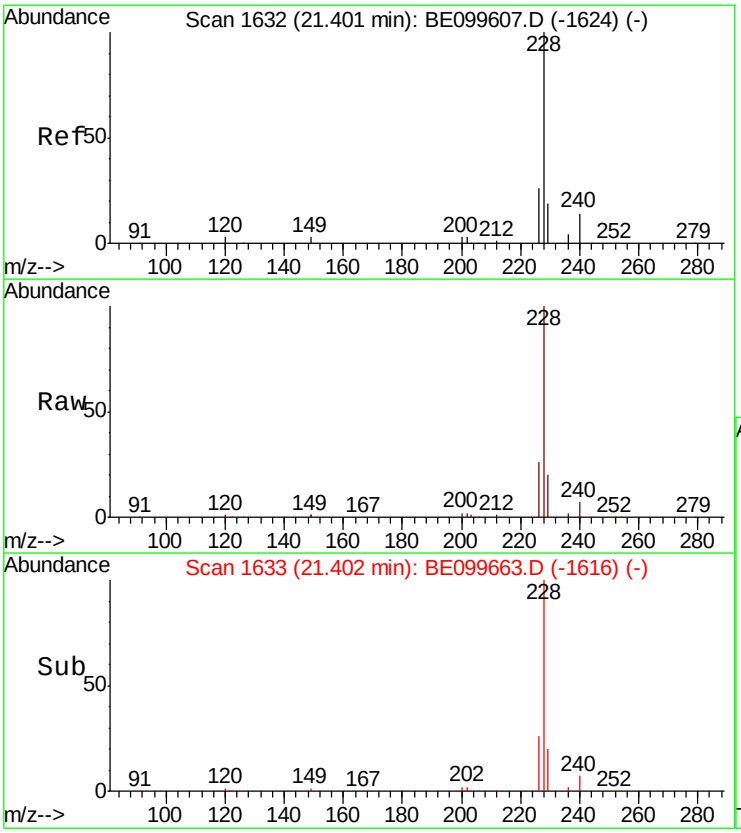
#29
Terphenyl-d14
Concen: 1.594 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 58928

Ion	Ratio	Lower	Upper
244	100		
212	26.1	22.5	33.7
122	5.3	4.3	6.5

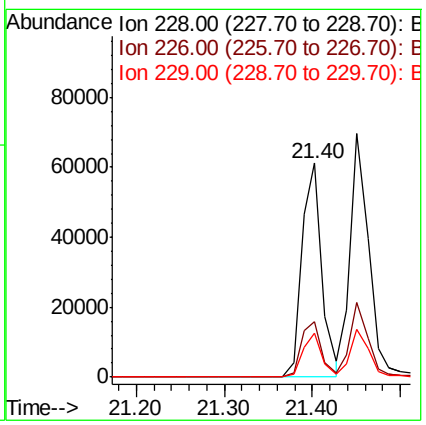


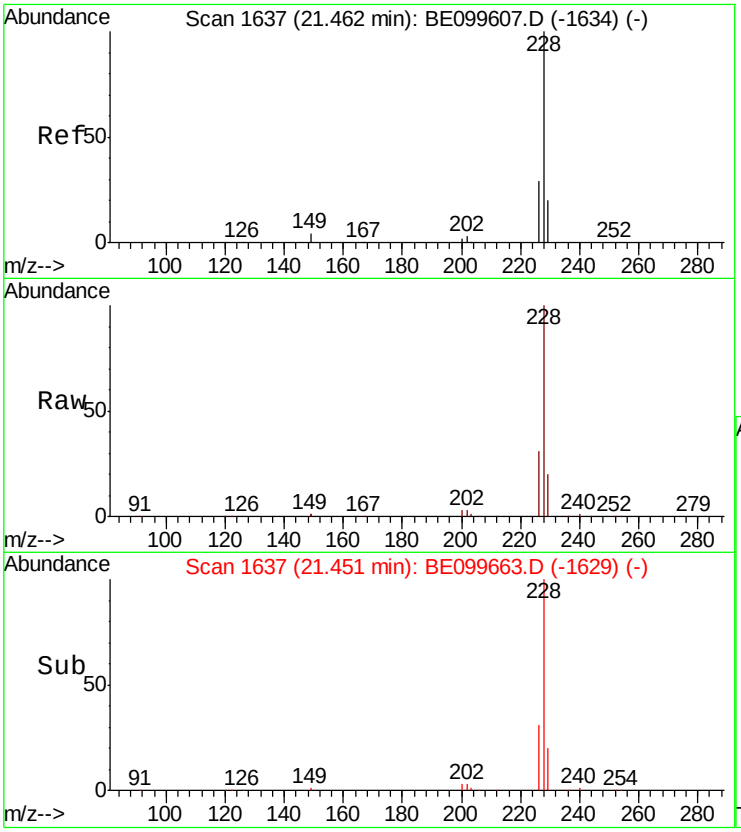


#30
Benzo(a)anthracene
Concen: 1.558 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:228 Resp: 96713

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.3	31.9
229	20.3	16.1	24.1



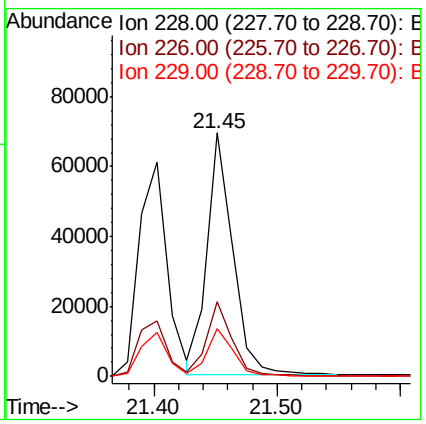


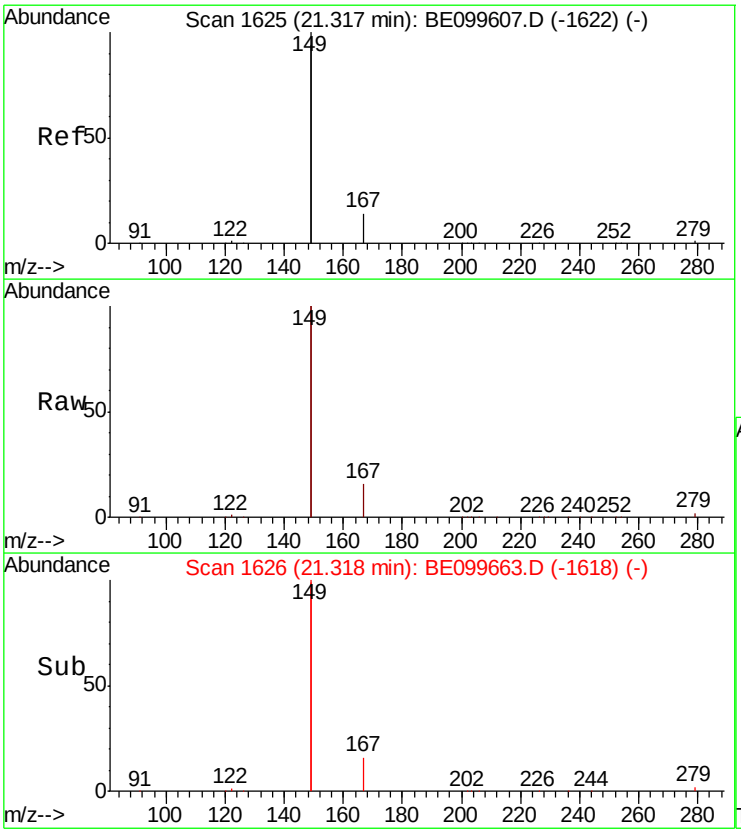
#31
Chrysene
Concen: 1.571 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 100467

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	19.6	15.8	23.6

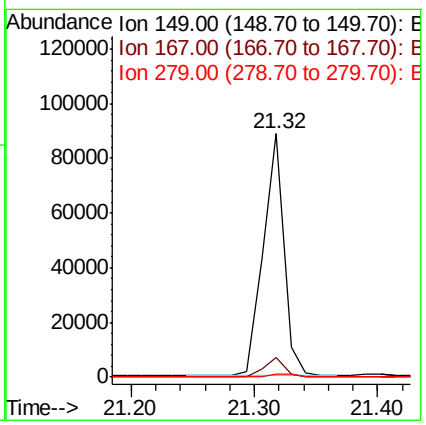


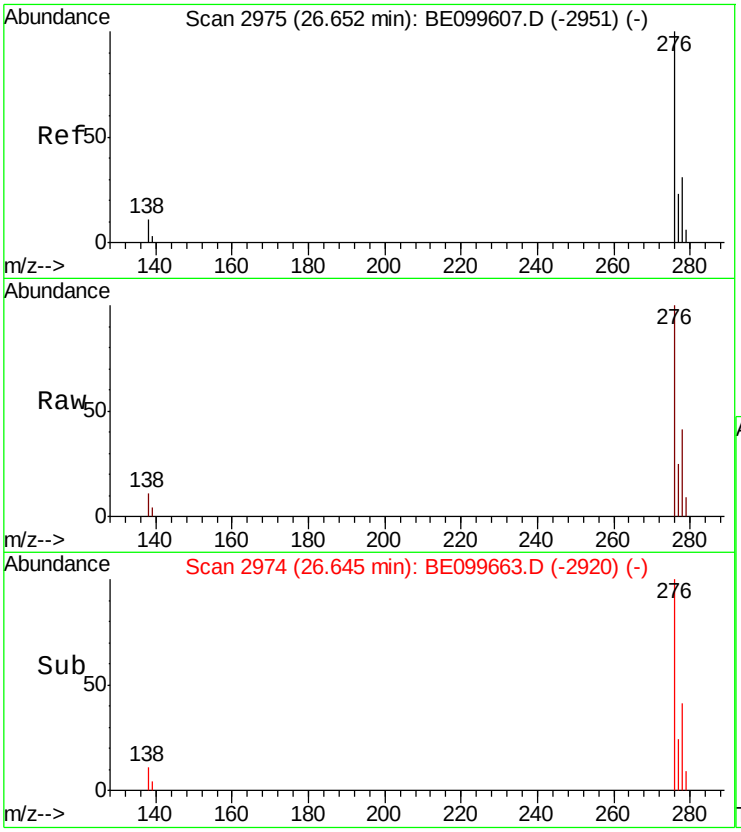


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.095 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:149 Resp: 104830

Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.2	9.4
279	1.5	1.2	1.8



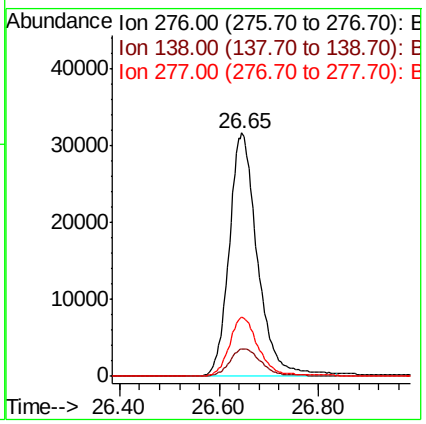


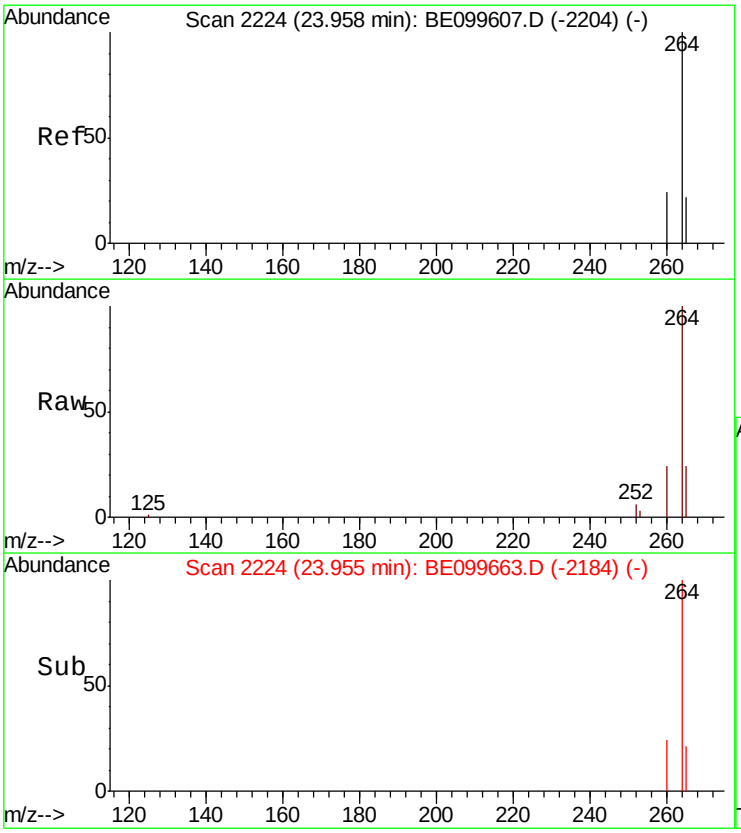
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.561 ng
RT: 26.65 min Scan# 2974
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 124196

Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.6	14.4
277	24.7	19.2	28.8

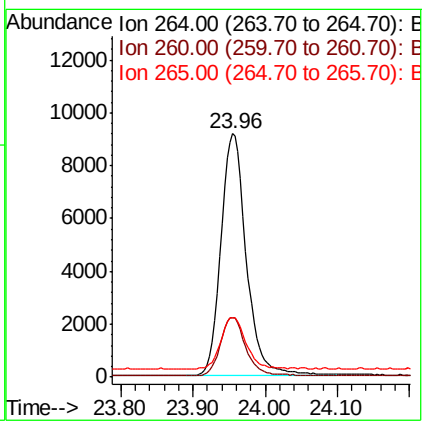


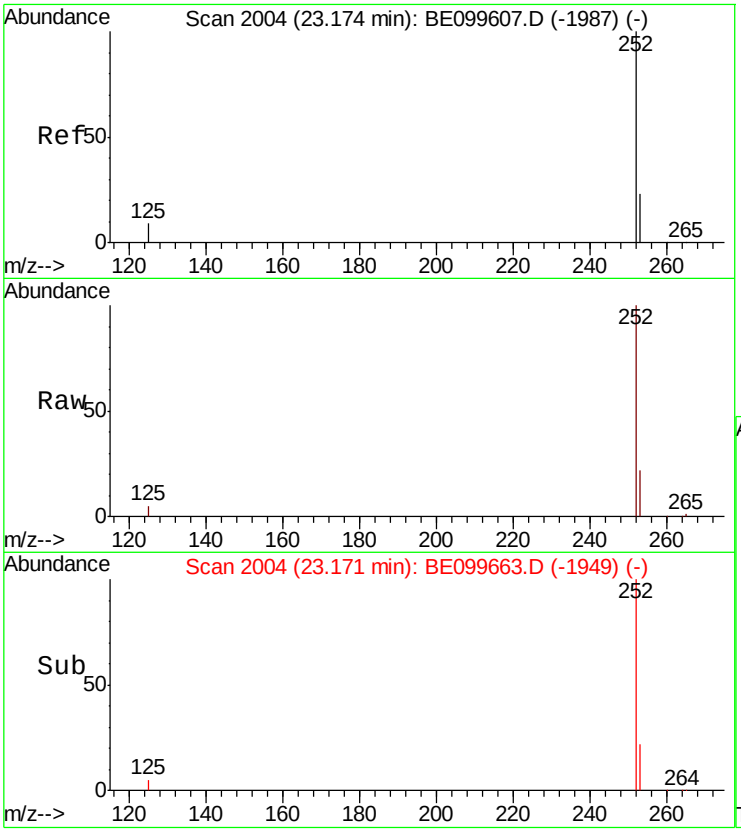


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:264 Resp: 22249

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	24.4	19.1	28.7



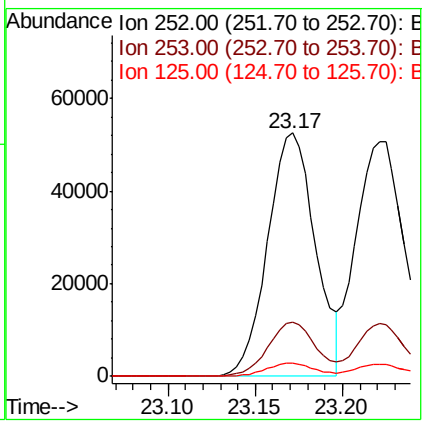


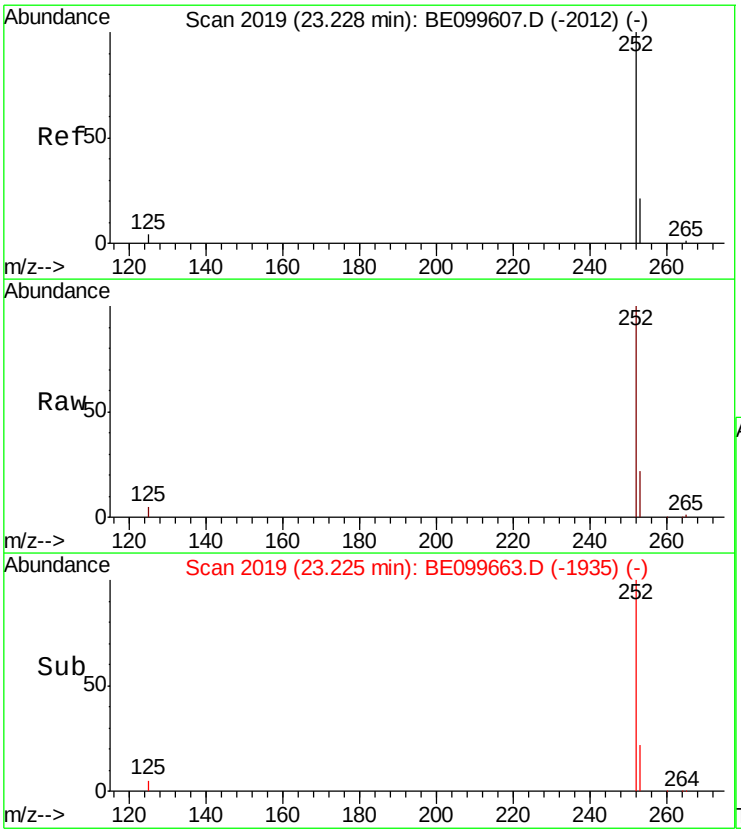
#35
Benzo(b)fluoranthene
Concen: 1.603 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 99731

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	5.3	4.5	6.7

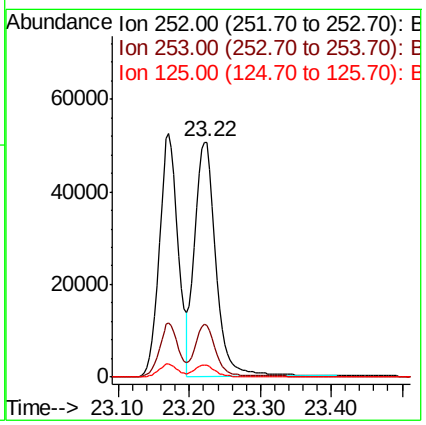


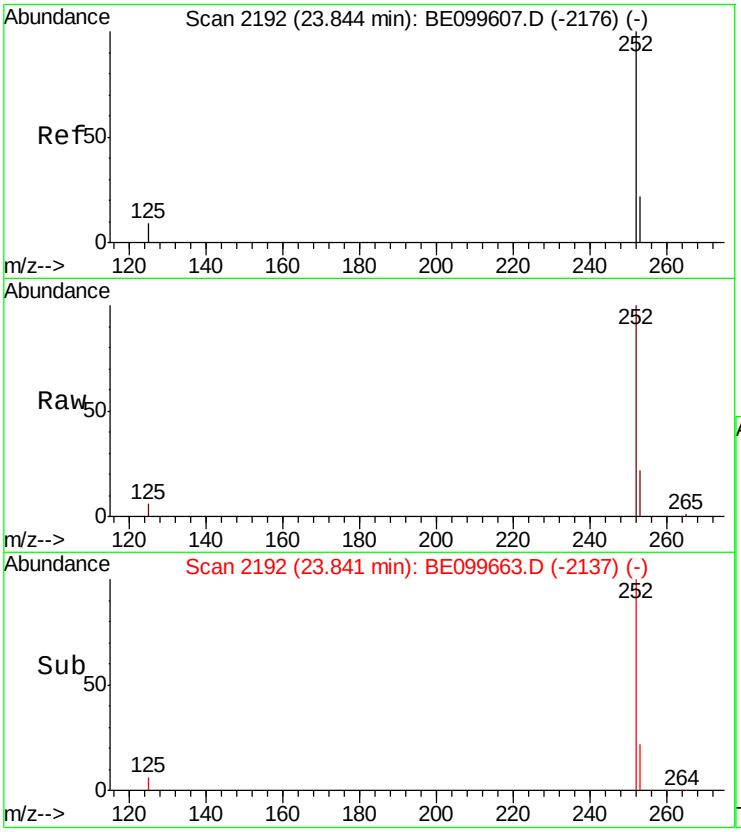


#36
Benzo(k)fluoranthene
Concen: 1.693 ng
RT: 23.22 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:252 Resp: 104022

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	5.0	4.6	6.8



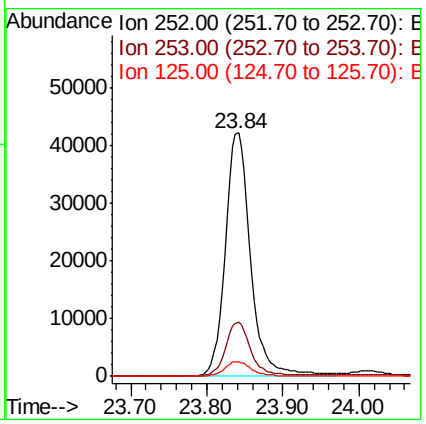


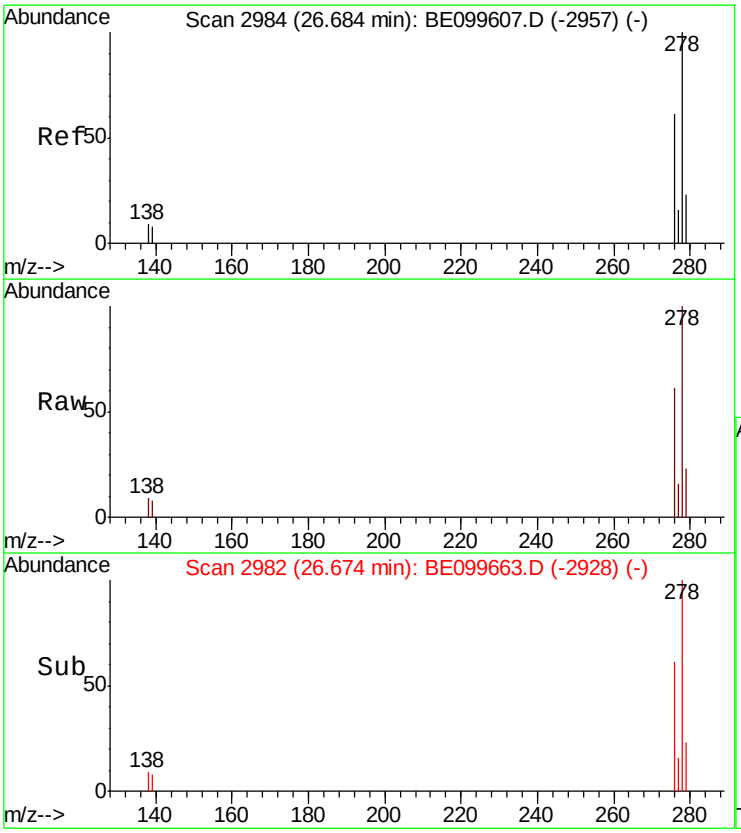
#37
Benzo(a)pyrene
Concen: 1.597 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 96211

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	6.0	5.4	8.0

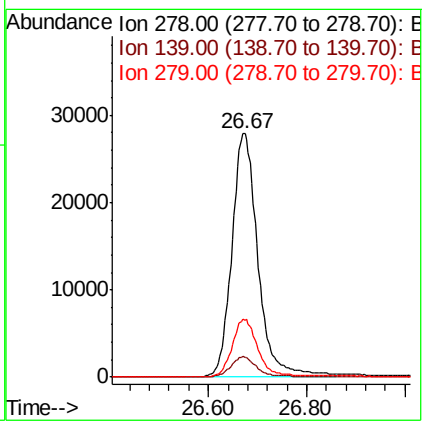


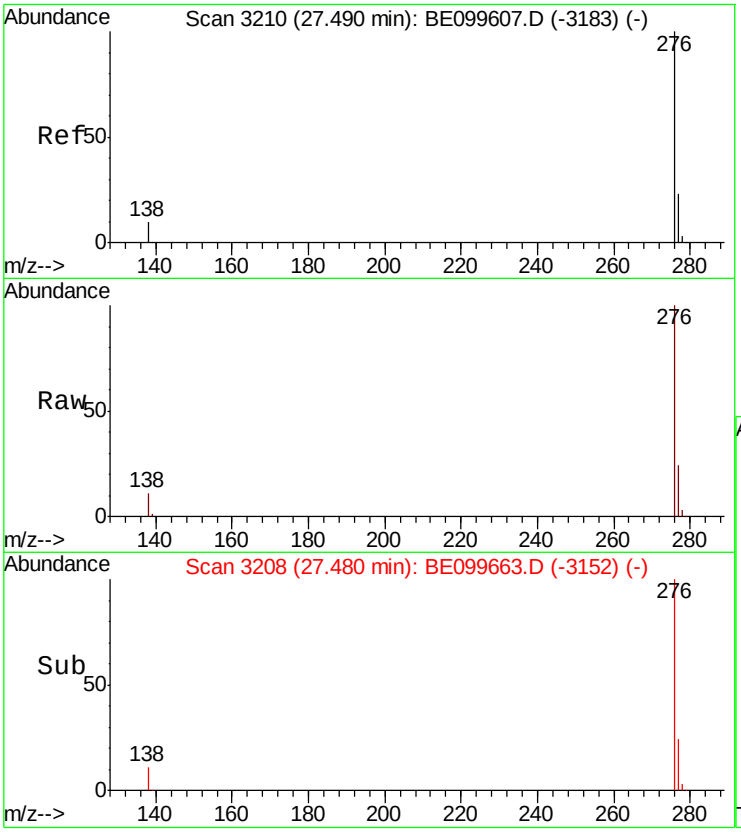


#38
Dibenzo(a,h)anthracene
Concen: 1.640 ng
RT: 26.67 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Tgt Ion:278 Resp: 102492

Ion	Ratio	Lower	Upper
278	100		
139	8.0	6.9	10.3
279	23.4	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 1.633 ng
RT: 27.48 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE099663.D
Acq: 20 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 102620

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	10.8	9.2	13.8