Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099626.D
Acq On : 16 May 2019 17:15
Operator : JU/SJ
Sample : PB119762BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119762BSD

Quant Time: May 17 07:02:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1586	0.40	ng		-0.01
7) Naphthalene-d8	10.62	136	5293	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	3669	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	10819	0.40	ng		0.00
27) Chrysene-d12	21.41	240	16097	0.40	ng		0.00
34) Perylene-d12	23.96	264	17224	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1488	0.33	ng		0.01
5) Phenol-d6	6.98	99	1900	0.33	ng		0.00
8) Nitrobenzene-d5	8.98	82	1709	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4423	0.50	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	731	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	5068	0.36	ng		0.00
25) Fluoranthene-d10	19.26	212	52629	0.37	ng		0.00
29) Terphenyl-d14	19.86	244	10666	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	835	0.357	ng	#	80
3) n-Nitrosodimethylamine	3.63	42	404	0.271	ng	#	85
6) bis(2-Chloroethyl)ether	7.23	93	1566	0.326	ng		90
9) Naphthalene	10.67	128	20107	0.357	ng		99
10) Hexachlorobutadiene	10.94	225	1448	0.351	ng		99
12) 2-Methylnaphthalene	12.30	142	3308	0.356	ng		98
16) Acenaphthylene	14.21	152	5745	0.332	ng		98
17) Acenaphthene	14.54	154	3398	0.347	ng		99
18) Fluorene	15.53	166	4840	0.345	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	2097	0.336	ng		97
21) Hexachlorobenzene	16.53	284	2232	0.364	ng		97
22) Pentachlorophenol	16.91	266	694	0.470	ng		97
23) Phenanthrene	17.27	178	9586	0.357	ng		98
24) Anthracene	17.36	178	8513	0.344	ng		99
26) Fluoranthene	19.29	202	14849	0.365	ng		99
28) Pyrene	19.66	202	15738	0.384	ng		99
30) Benzo(a)anthracene	21.40	228	17384	0.357	ng		99
31) Chrysene	21.45	228	17697	0.353	ng		97
32) Bis(2-ethylhexyl)phthalate	21.32	149	24812	0.331	ng		100
33) Indeno(1,2,3-cd)pyrene	26.66	276	20885	0.335	ng		99
35) Benzo(b)fluoranthene	23.18	252	17078	0.355	ng		97
36) Benzo(k)fluoranthene	23.23	252	17913	0.377	ng		100
37) Benzo(a)pyrene	23.85	252	16885	0.362	ng	#	97
38) Dibenzo(a,h)anthracene	26.68	278	17434	0.360	ng		97
39) Benzo(g,h,i)perylene	27.49	276	17975	0.369	ng		99

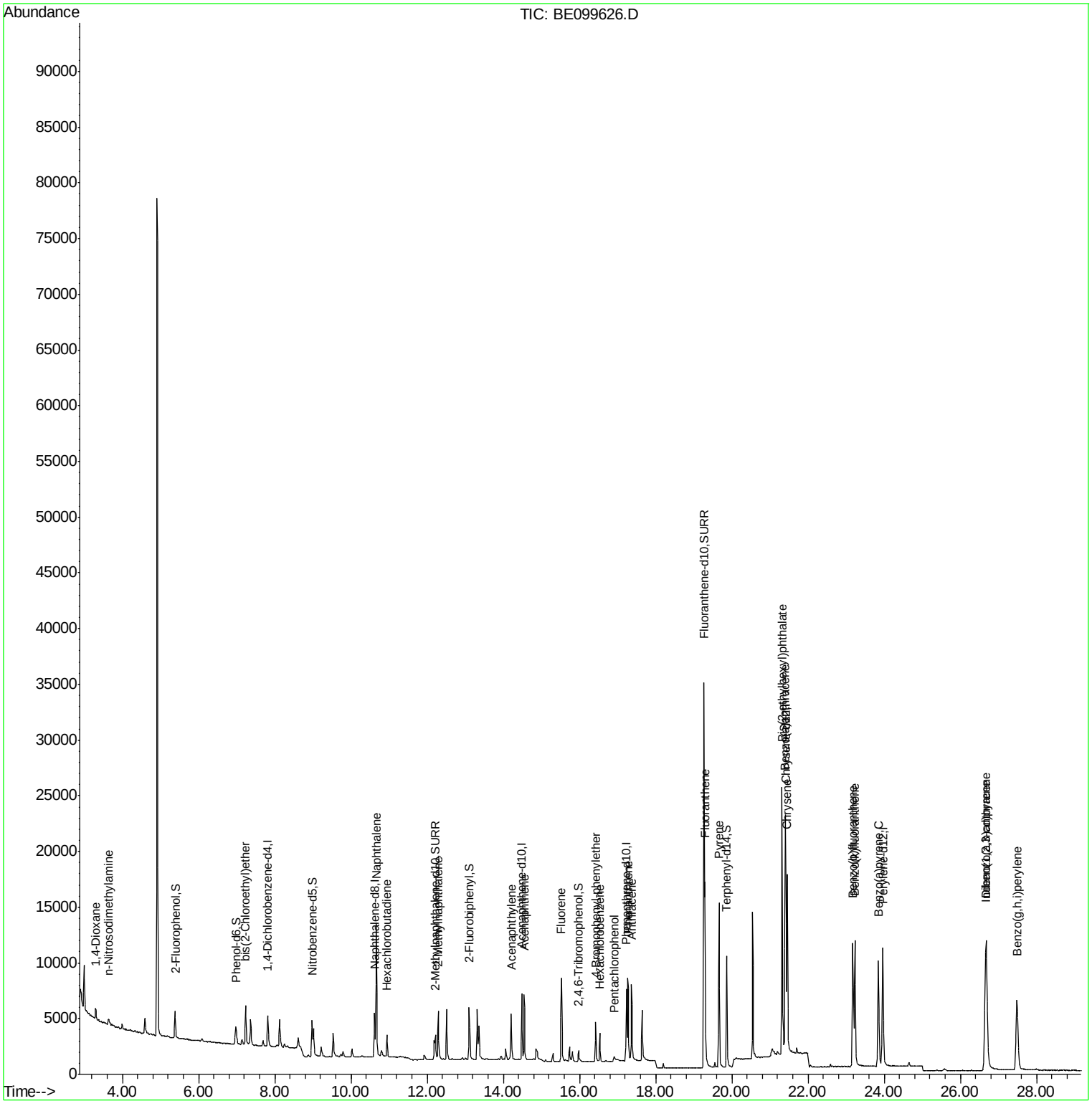
(#) = qualifier out of range (m) = manual integration (+) = signals summed

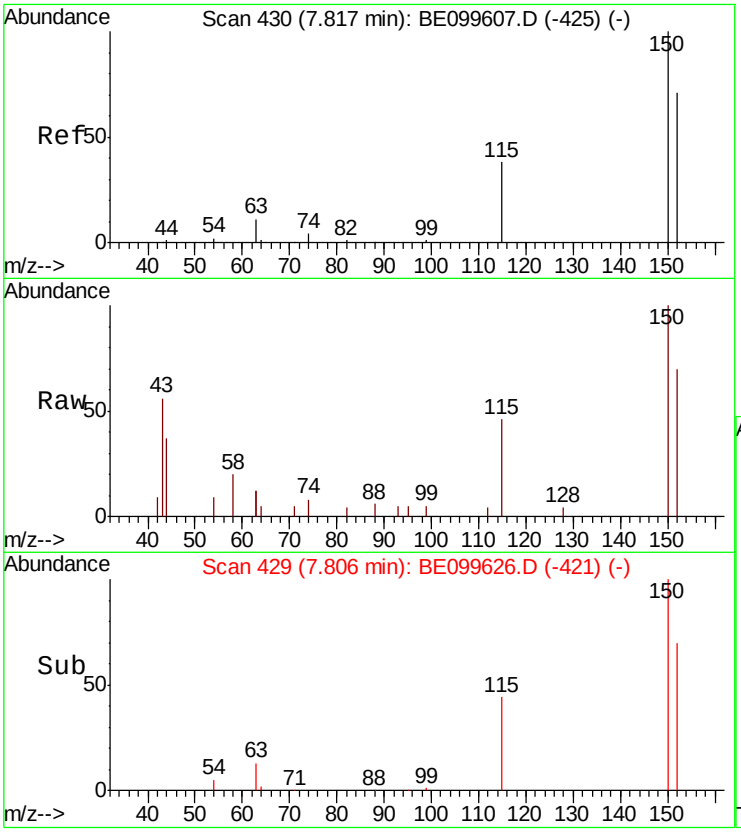
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
Data File : BE099626.D
Acq On : 16 May 2019 17:15
Operator : JU/SJ
Sample : PB119762BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Quant Time: May 17 07:02:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration



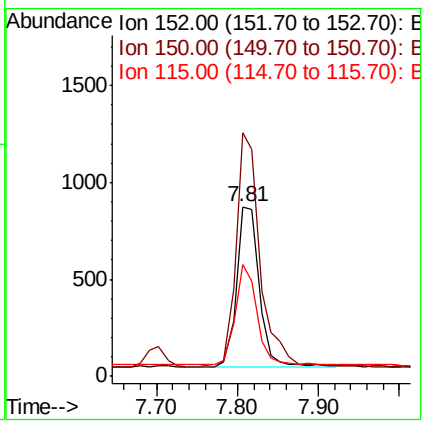


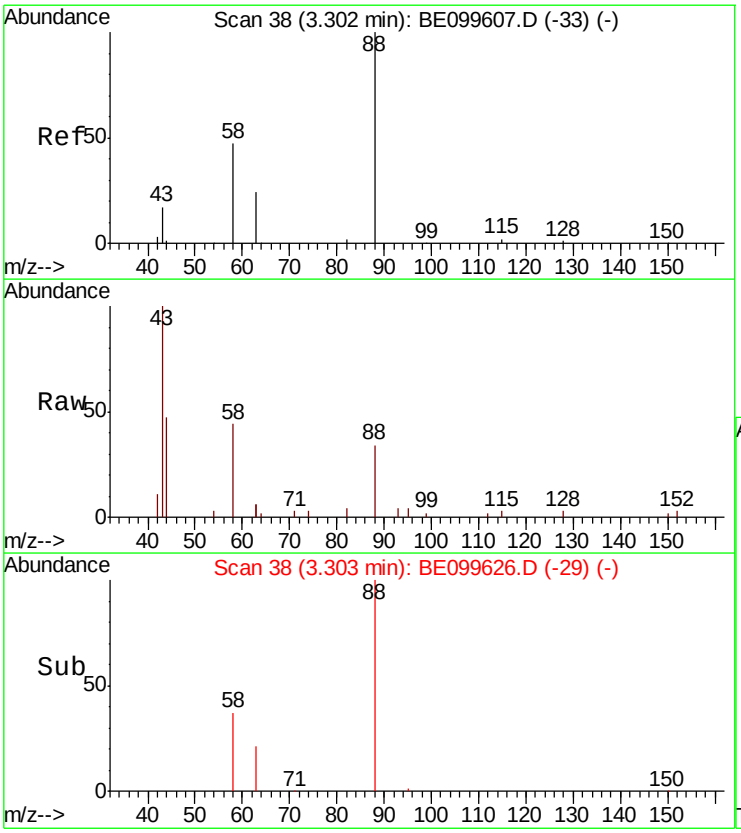
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:152 Resp: 1586

Ion	Ratio	Lower	Upper
152	100		
150	143.5	110.1	165.1
115	65.7	46.2	69.4

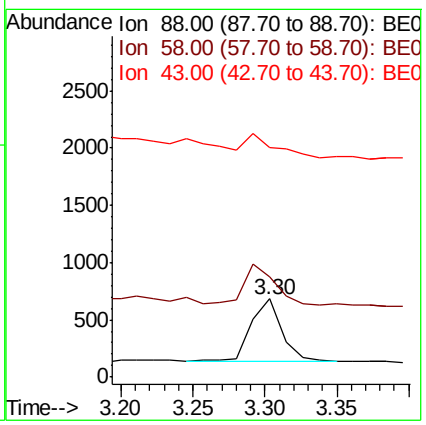


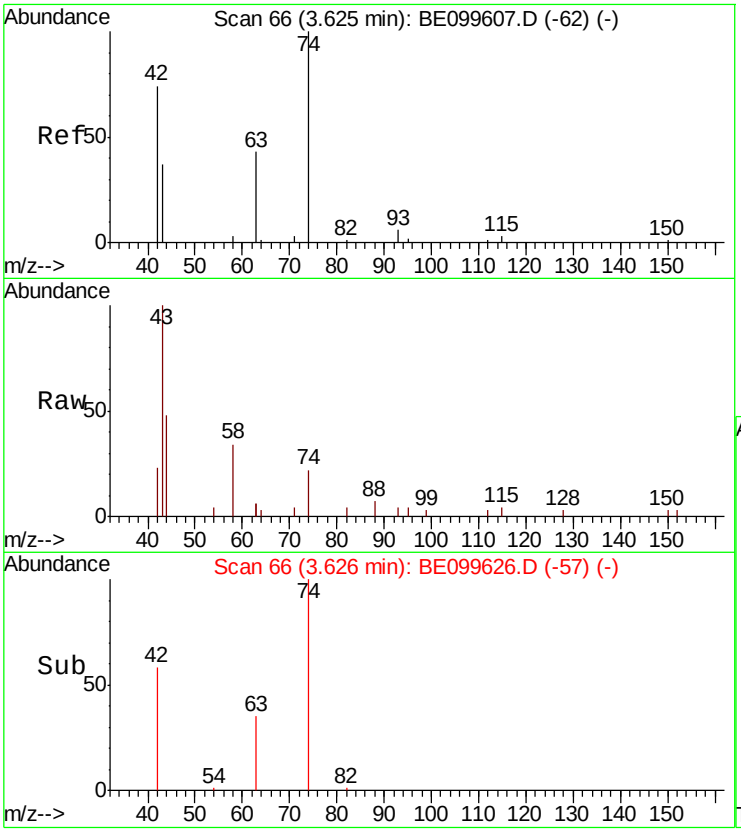


#2
1,4-Dioxane
Concen: 0.357 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion: 88 Resp: 835

Ion	Ratio	Lower	Upper
88	100		
58	65.0	39.8	59.6#
43	34.0	21.0	31.6#



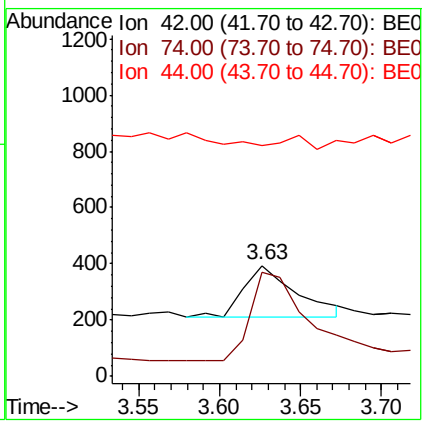


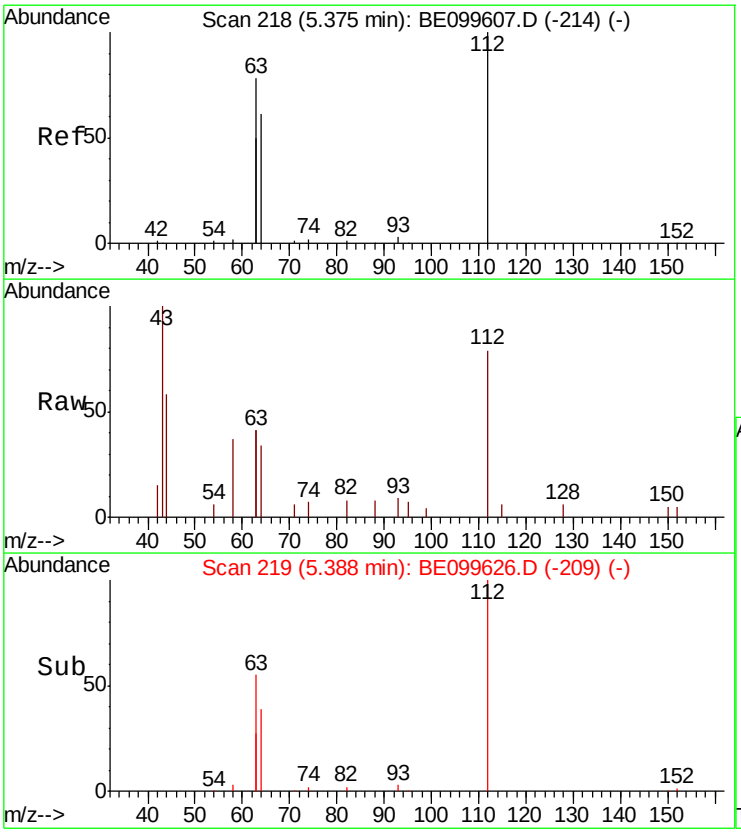
#3
n-Nitrosodimethylamine
Concen: 0.271 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion: 42 Resp: 404

Ion	Ratio	Lower	Upper
42	100		
74	185.6	134.7	202.1
44	0.0	12.5	18.7#

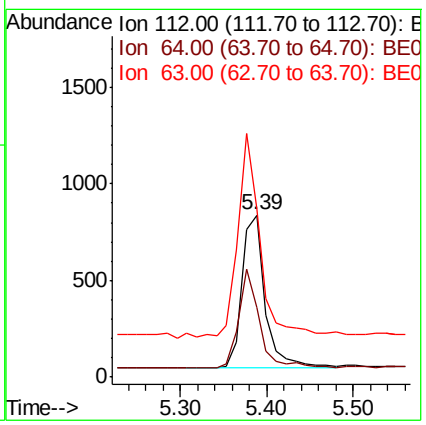


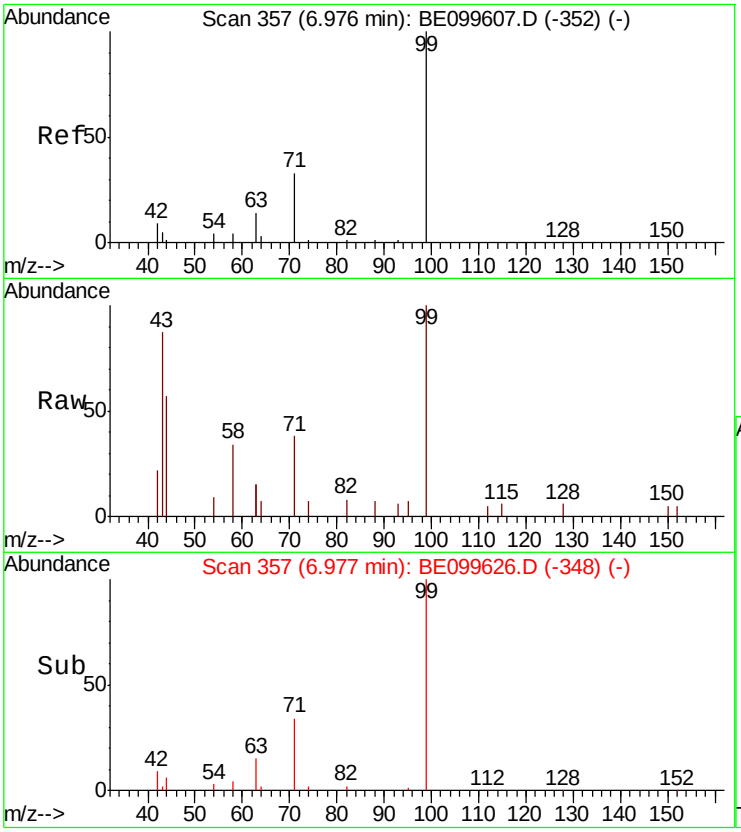


#4
2-Fluorophenol
Concen: 0.331 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.01 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:112 Resp: 1488

Ion	Ratio	Lower	Upper
112	100		
64	57.5	43.7	65.5
63	127.4	94.0	141.0



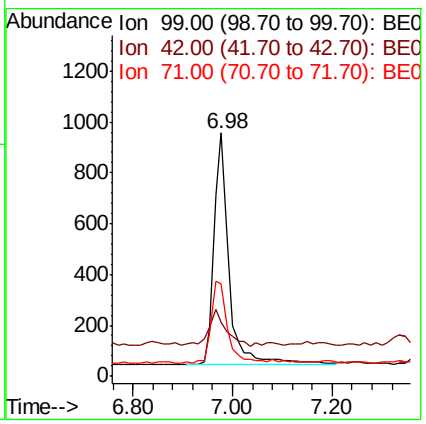


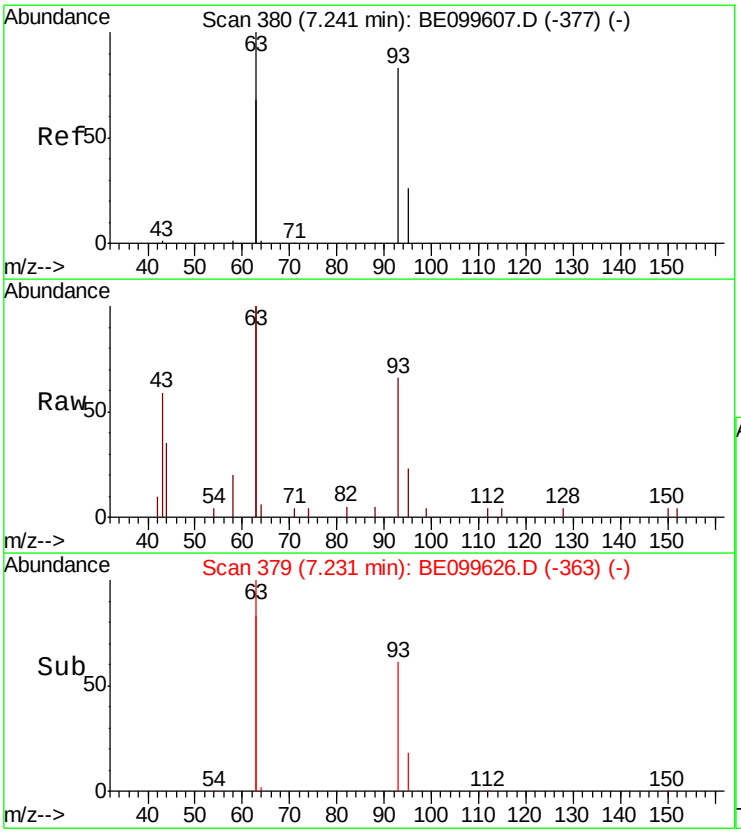
#5
Phenol-d6
Concen: 0.333 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion: 99 Resp: 1900

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.3	21.5
71	38.2	33.1	49.7

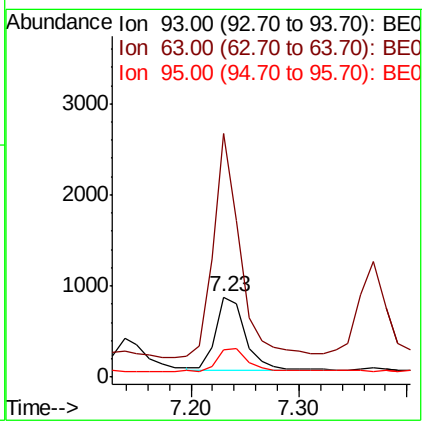


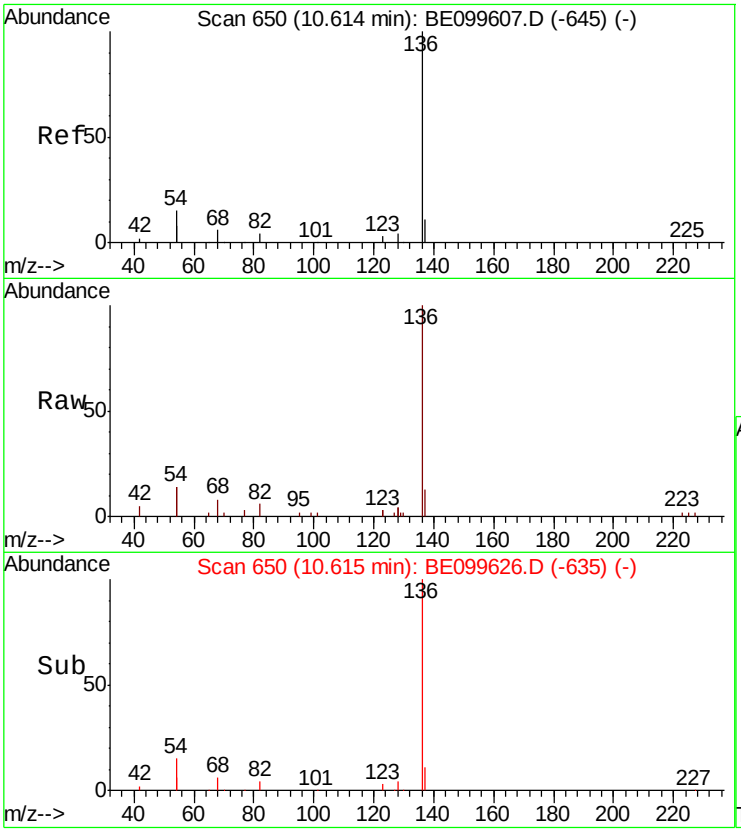


#6
bis(2-Chloroethyl)ether
Concen: 0.326 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion: 93 Resp: 1566

Ion	Ratio	Lower	Upper
93	100		
63	269.2	201.0	301.4
95	33.5	25.0	37.4



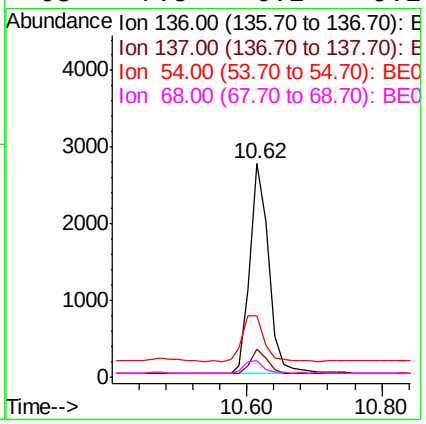


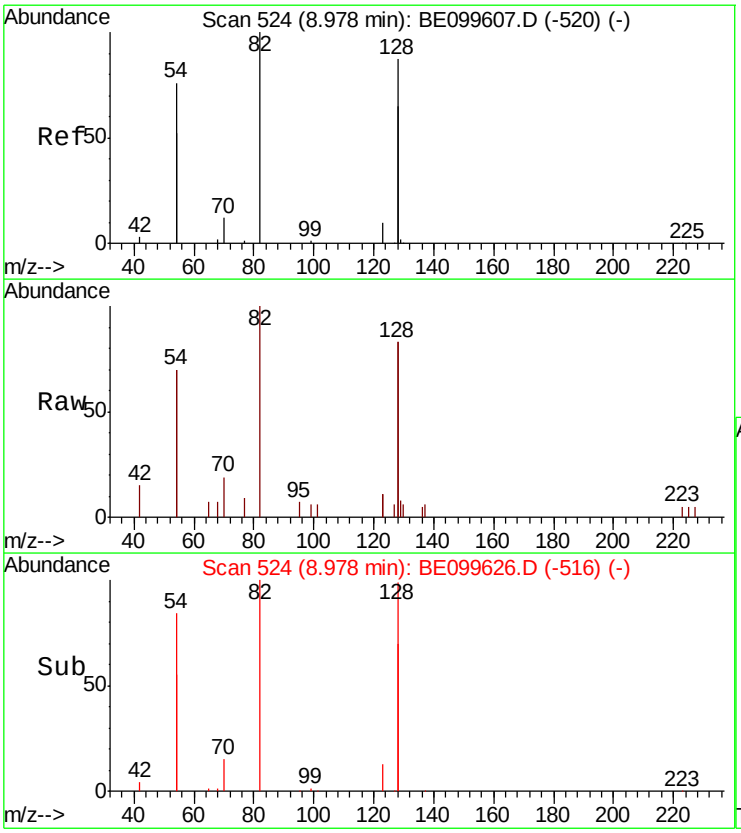
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.62 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:136 Resp: 5293

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.7	14.5
54	28.7	23.8	35.8
68	7.5	6.2	9.2

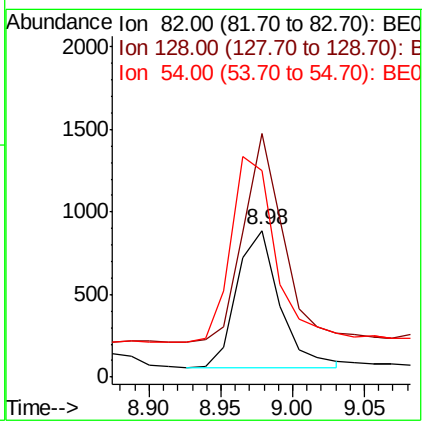


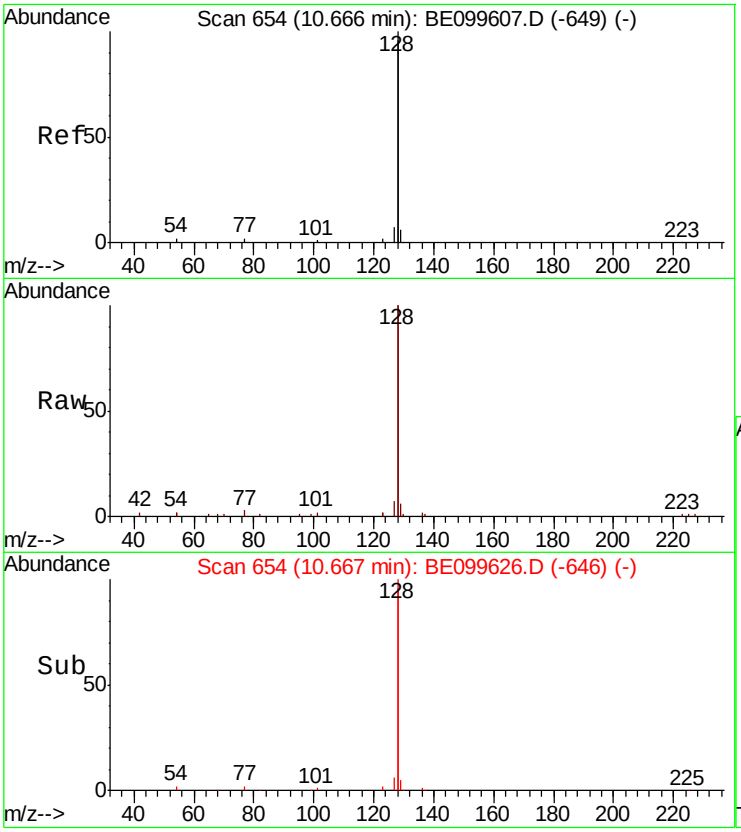


#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion: 82 Resp: 1709

Ion	Ratio	Lower	Upper
82	100		
128	166.0	131.4	197.2
54	140.5	113.9	170.9



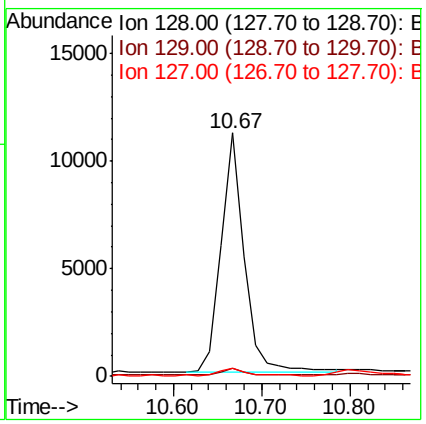


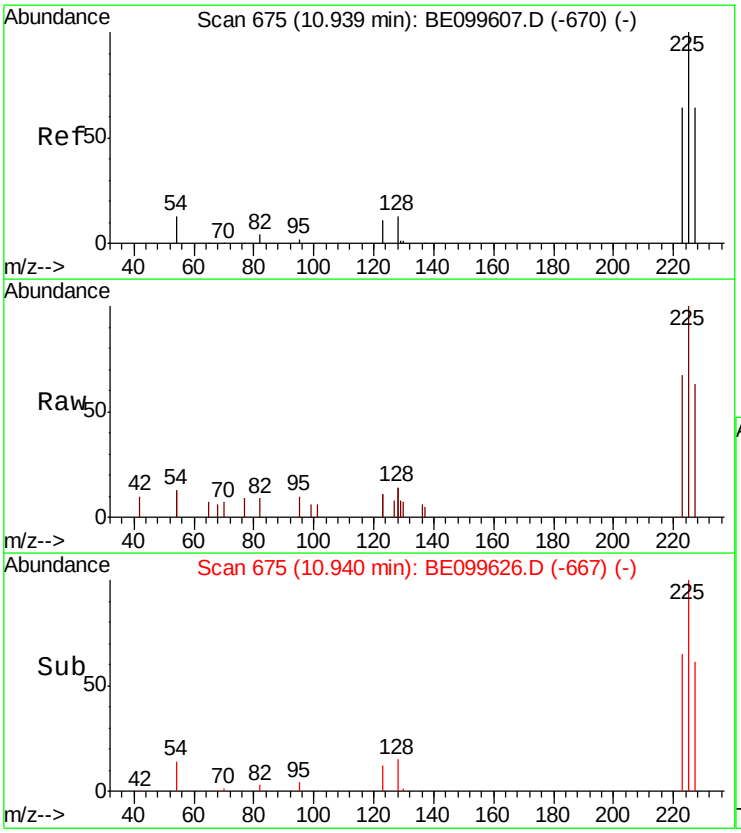
#9
Naphthalene
Concen: 0.357 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:128 Resp: 20107

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	4.0
127	3.5	3.0	4.6

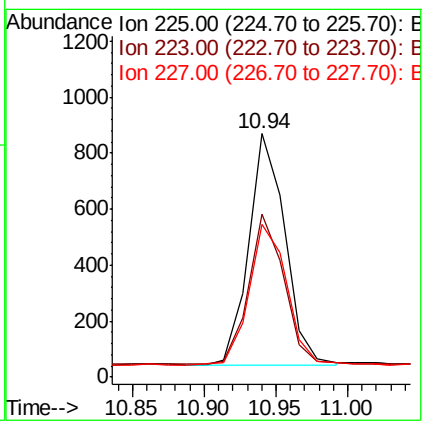


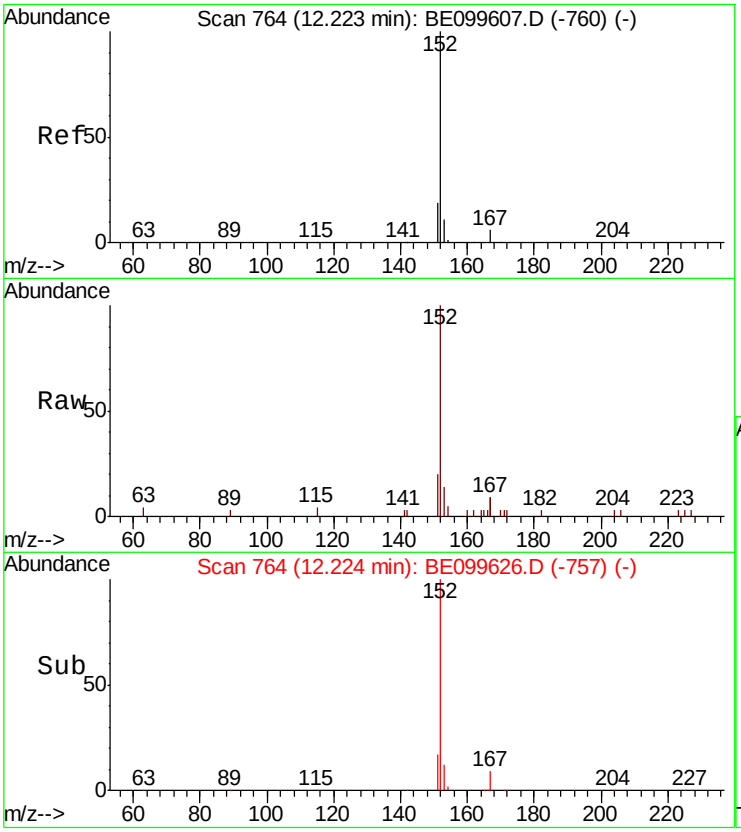


#10
Hexachlorobutadiene
Concen: 0.351 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:225 Resp: 1448

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	63.2	51.2	76.8



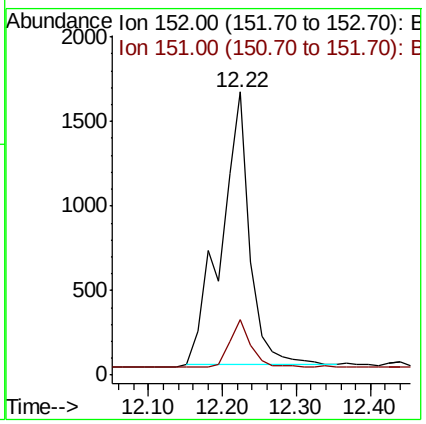


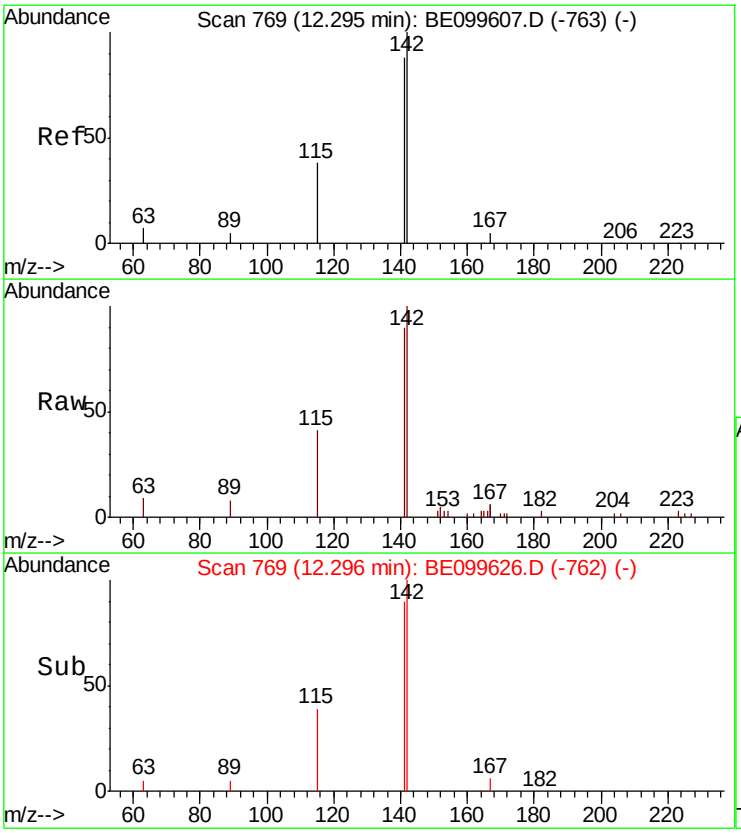
#11
2-Methylnaphthalene-d10
Concen: 0.497 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:152 Resp: 4423

Ion	Ratio	Lower	Upper
152	100		
151	13.7	15.3	22.9#

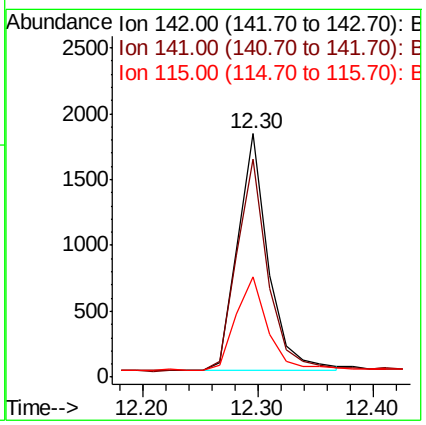


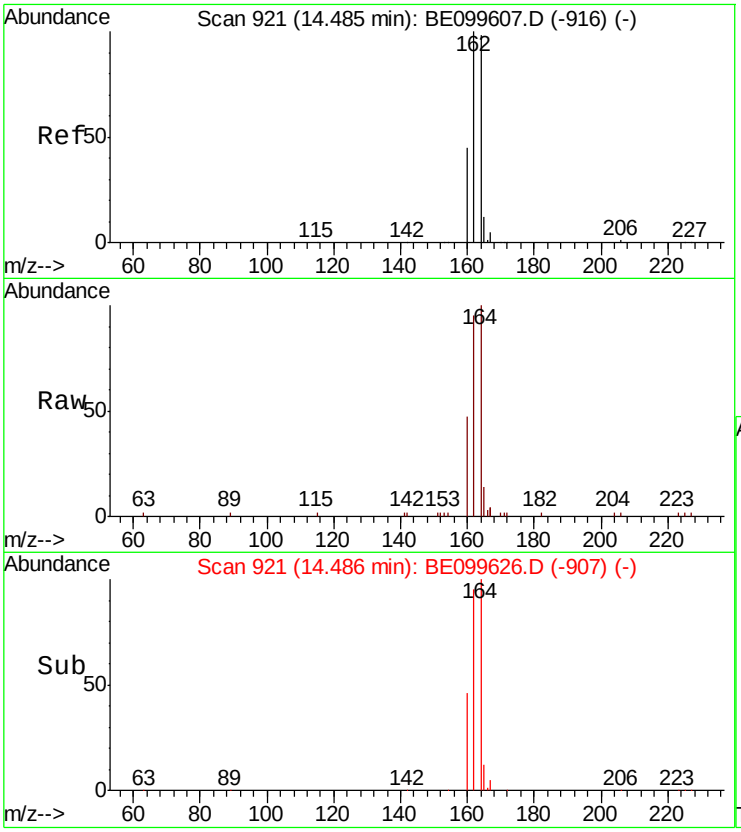


#12
2-Methylnaphthalene
Concen: 0.356 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:142 Resp: 3308

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.4	105.6
115	41.0	32.2	48.4



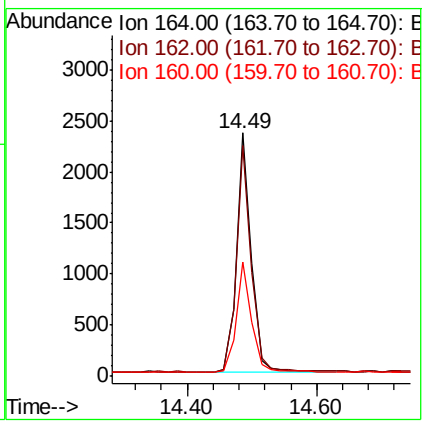


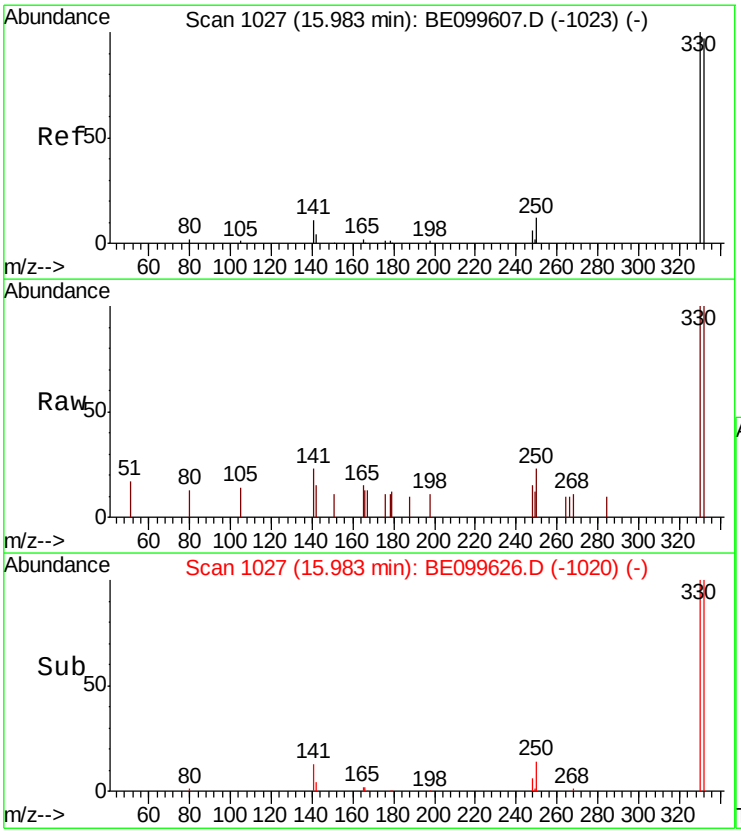
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:164 Resp: 3669

Ion	Ratio	Lower	Upper
164	100		
162	94.8	81.4	122.0
160	46.9	37.4	56.2

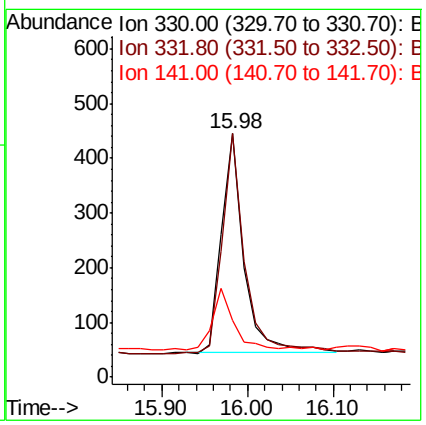


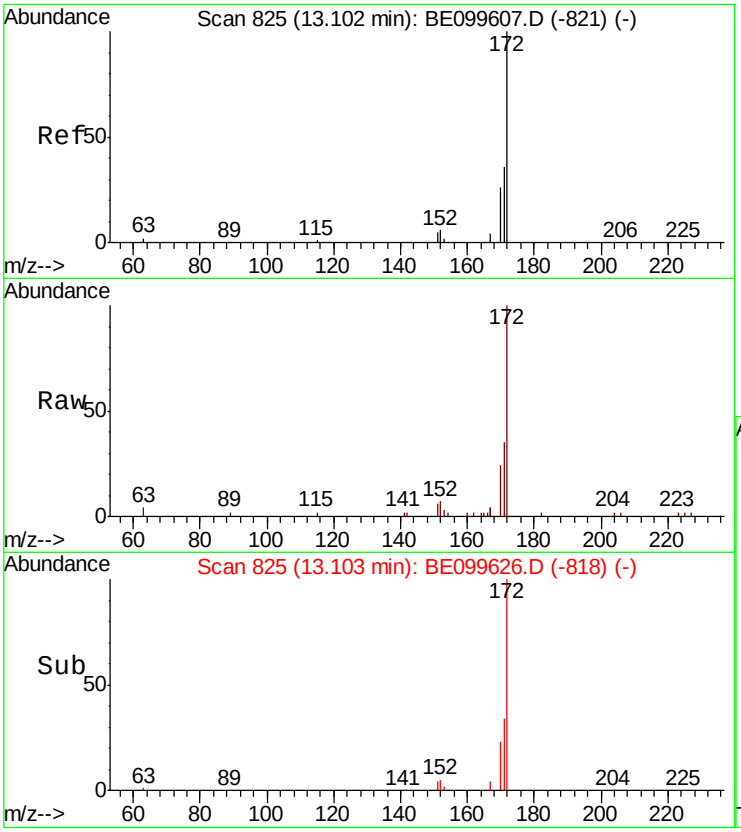


#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:330 Resp: 731

Ion	Ratio	Lower	Upper
330	100		
332	101.6	73.8	110.8
141	25.4	21.0	31.6



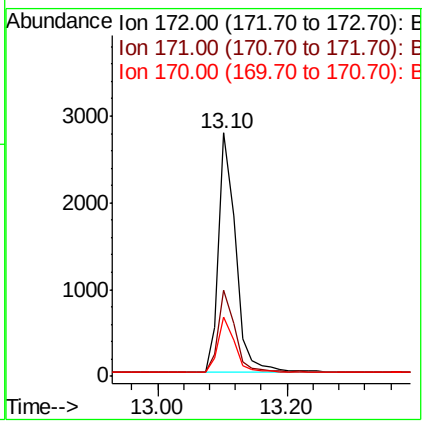


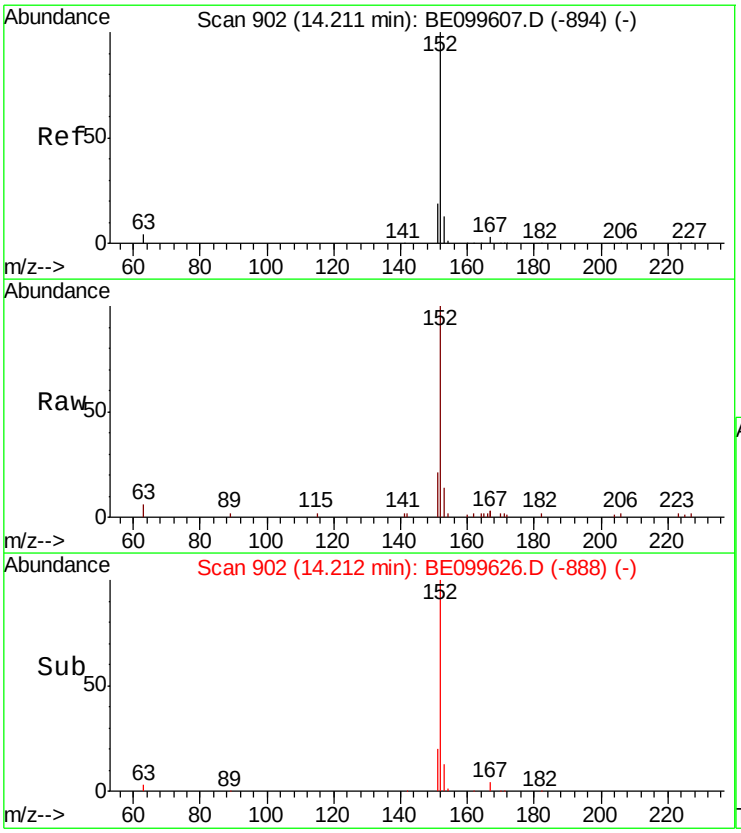
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:172 Resp: 5068

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.2
170	24.2	21.5	32.3

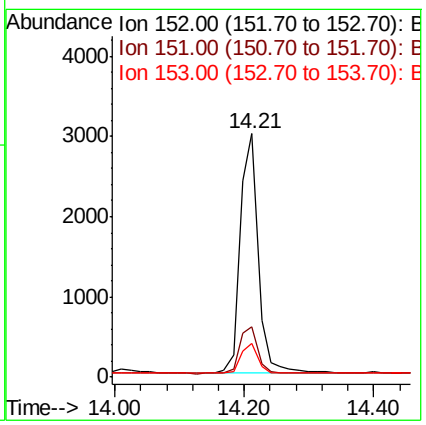


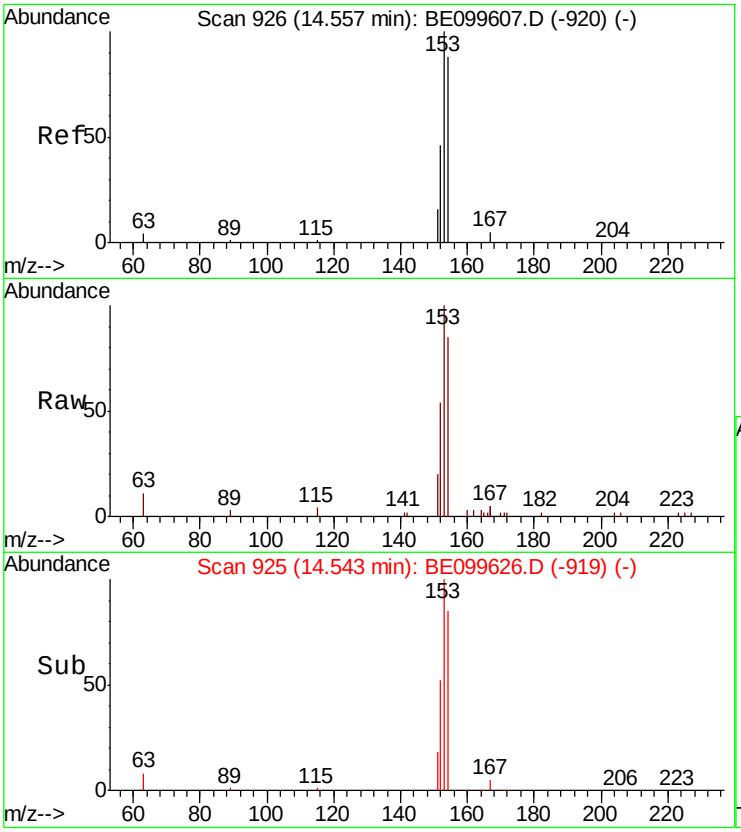


#16
Acenaphthylene
Concen: 0.332 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:152 Resp: 5745

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.6	23.4
153	12.0	10.4	15.6



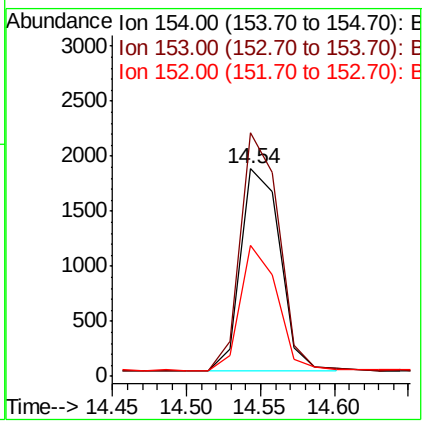


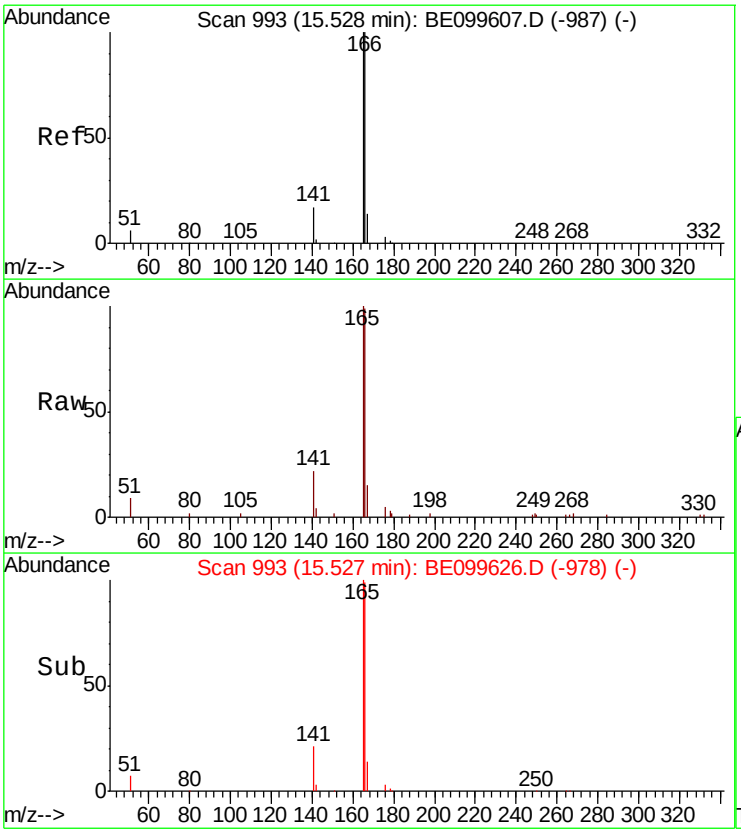
#17
Acenaphthene
Concen: 0.347 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:154 Resp: 3398

Ion	Ratio	Lower	Upper
154	100		
153	115.8	94.1	141.1
152	58.2	46.5	69.7

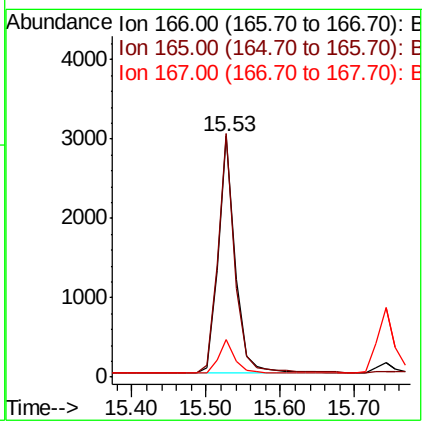


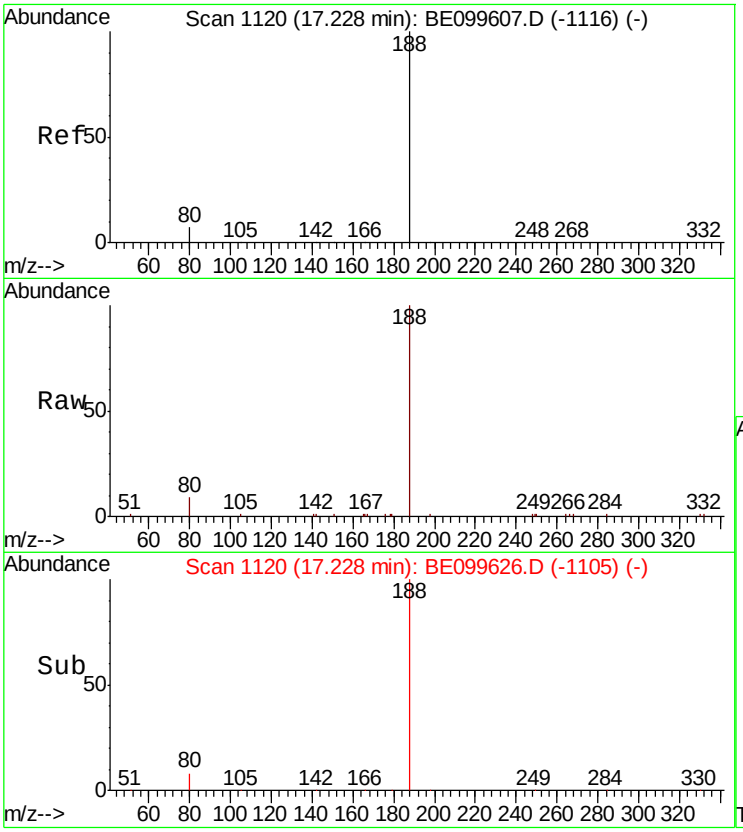


#18
Fluorene
Concen: 0.345 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:166 Resp: 4840

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.3	11.2	16.8



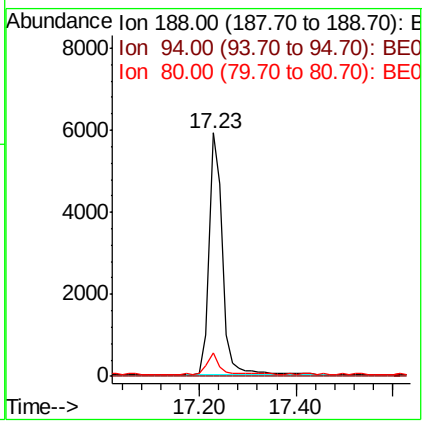


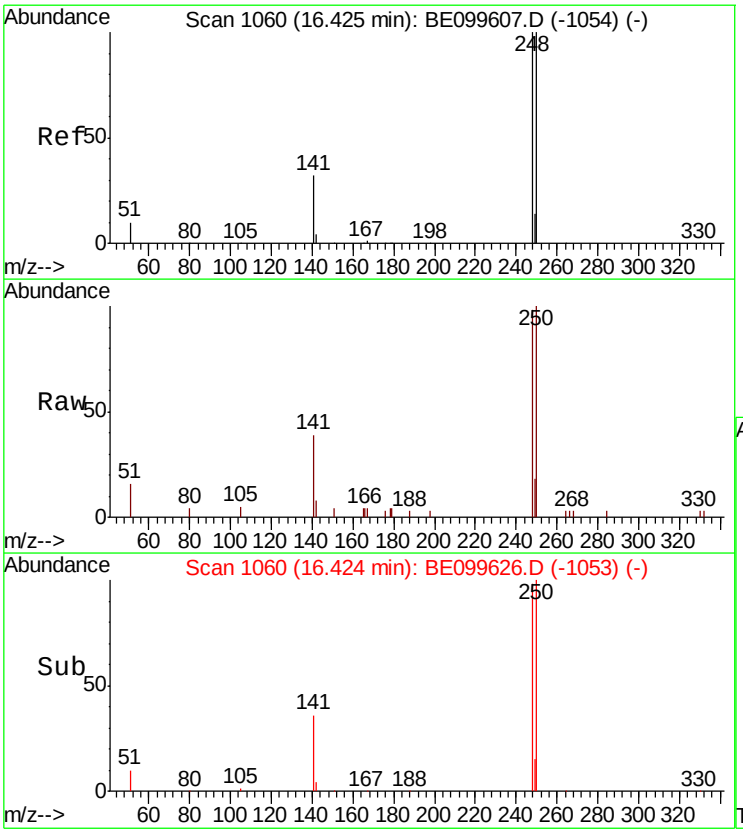
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:188 Resp: 10819

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	6.4	9.6

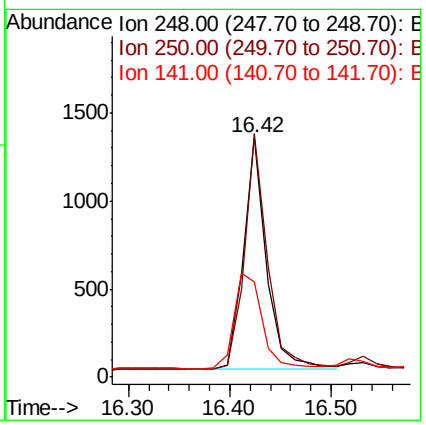


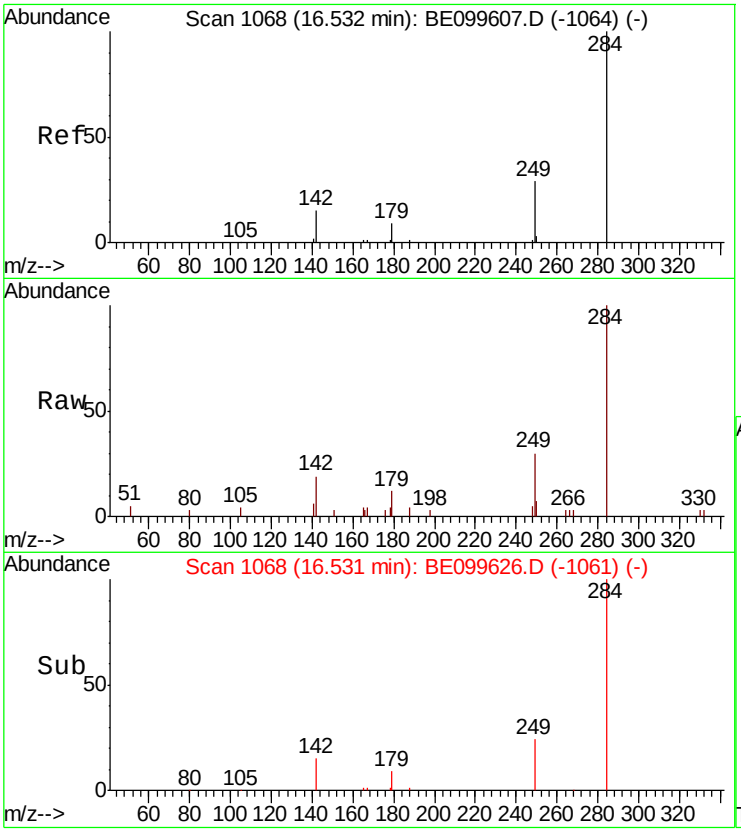


#20
4-Bromophenyl-phenylether
Concen: 0.336 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:248 Resp: 2097

Ion	Ratio	Lower	Upper
248	100		
250	101.7	80.4	120.6
141	39.6	27.8	41.8



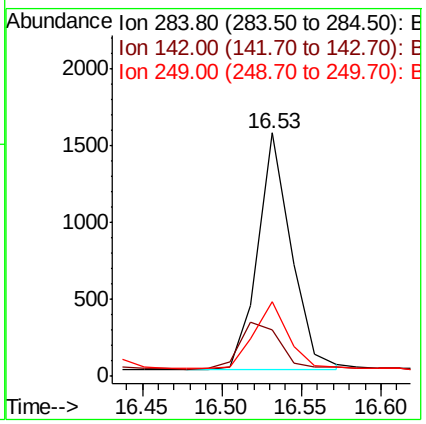


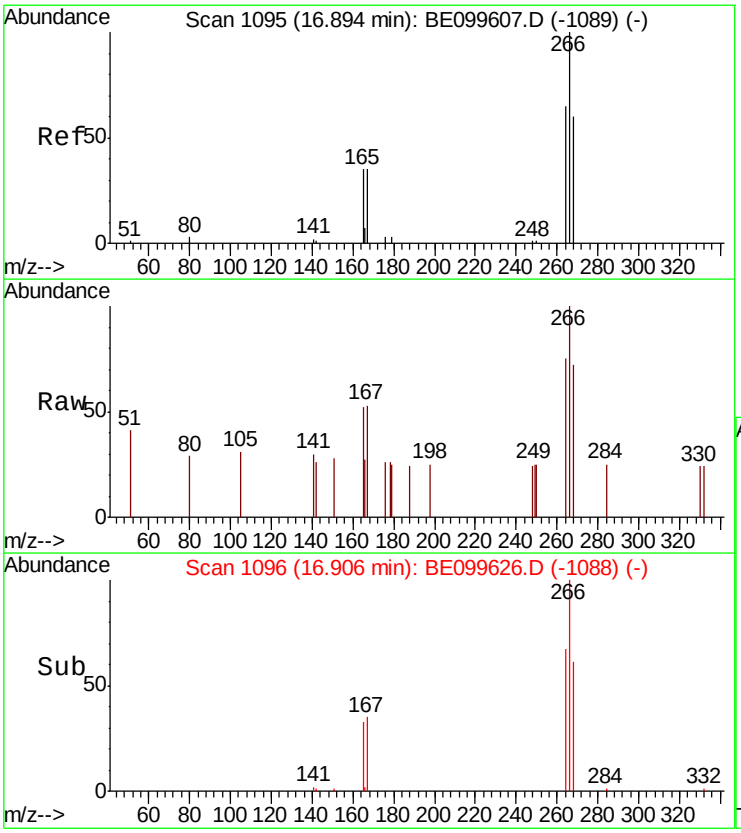
#21
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:284 Resp: 2232

Ion	Ratio	Lower	Upper
284	100		
142	24.0	19.4	29.2
249	28.5	24.6	37.0

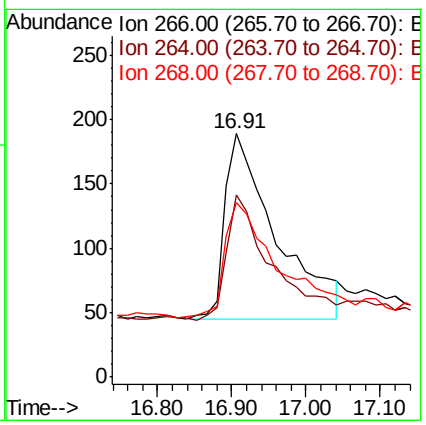


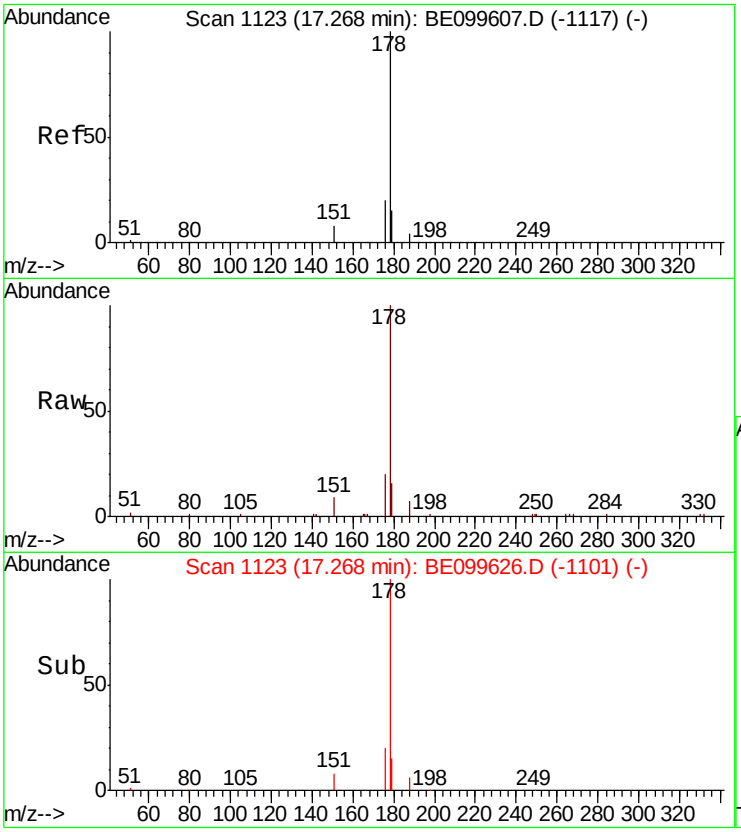


#22
Pentachlorophenol
Concen: 0.470 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:266 Resp: 694

Ion	Ratio	Lower	Upper
266	100		
264	74.6	57.7	86.5
268	72.0	55.8	83.8



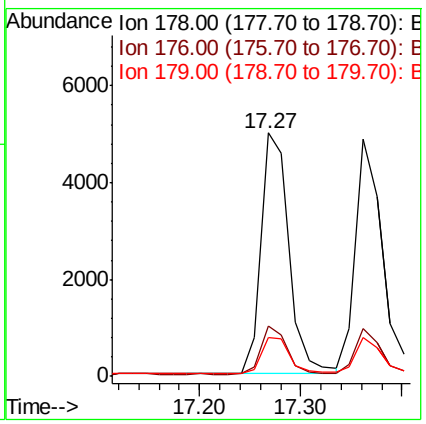


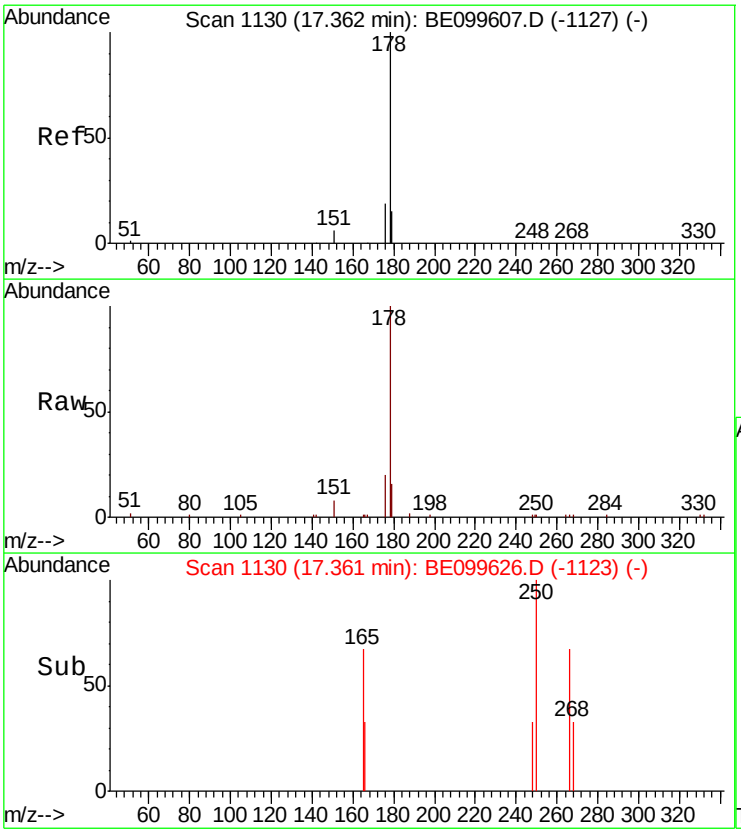
#23
Phenanthrene
Concen: 0.357 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:178 Resp: 9586

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.7	23.5
179	16.0	12.2	18.2

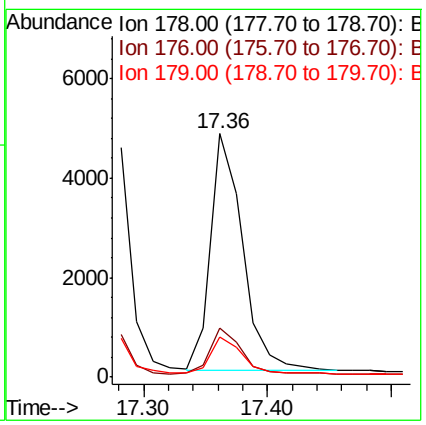


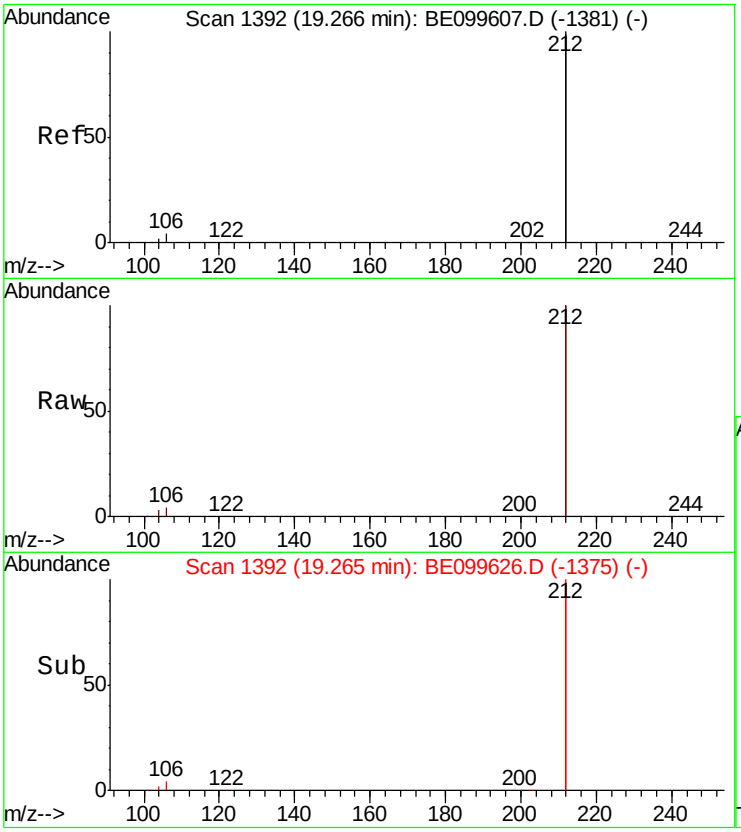


#24
Anthracene
Concen: 0.344 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:178 Resp: 8513

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.4	12.1	18.1



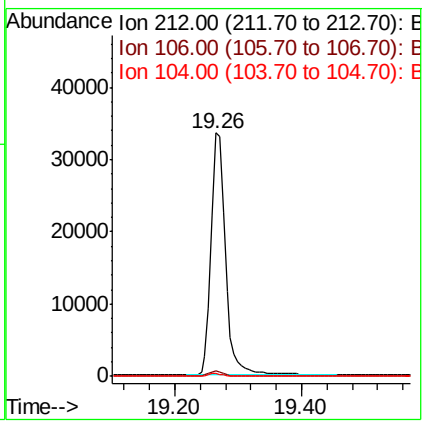


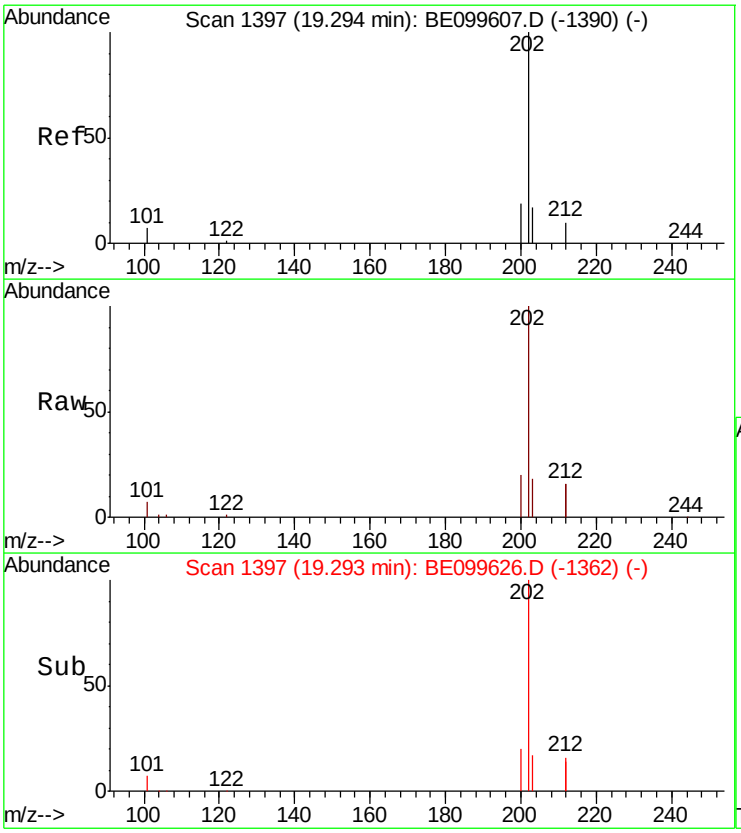
#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:212 Resp: 52629

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

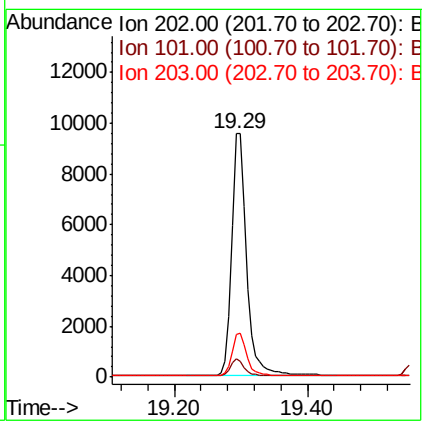


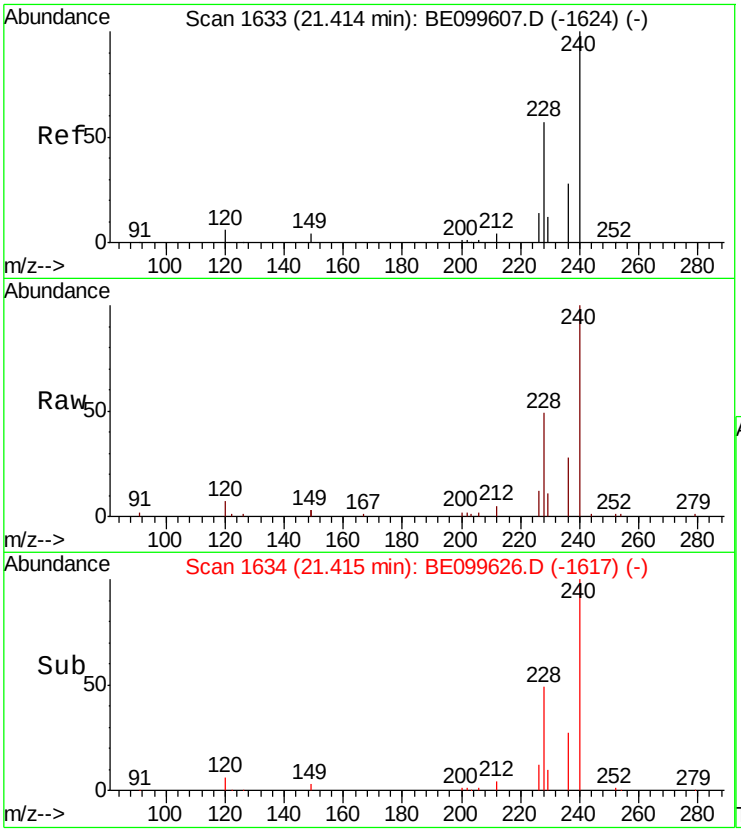


#26
Fluoranthene
Concen: 0.365 ng
RT: 19.29 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:202 Resp: 14849

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.0	7.6
203	17.4	13.7	20.5



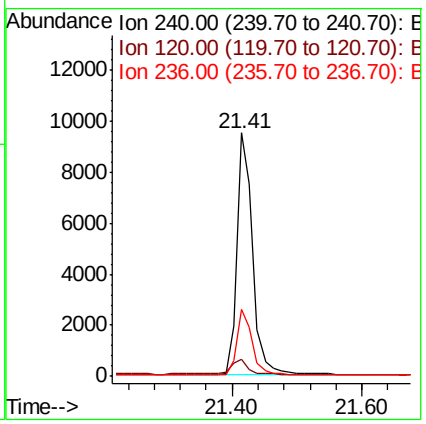


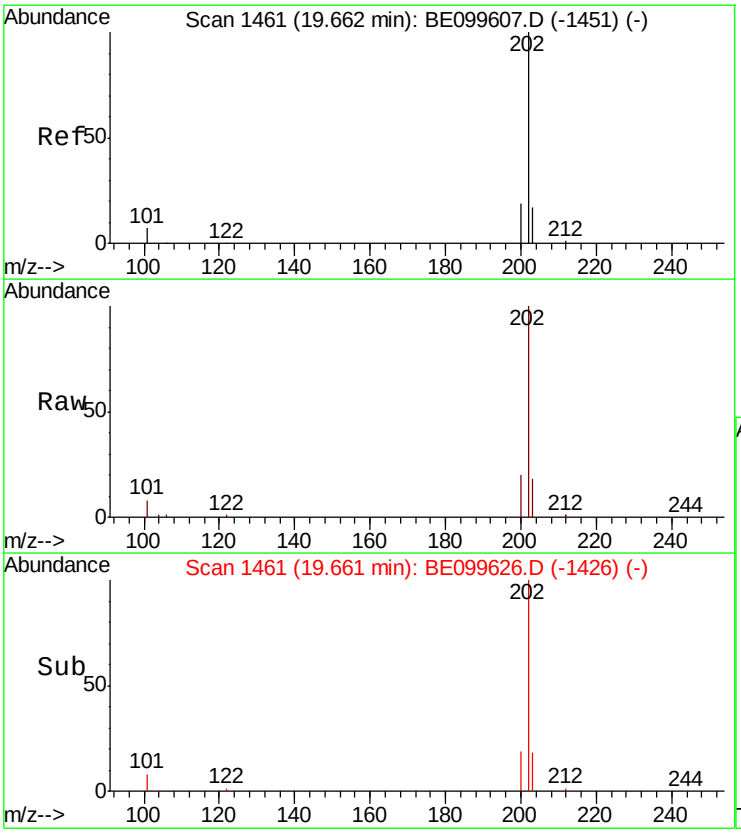
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:240 Resp: 16097

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.7	8.5
236	27.6	22.8	34.2

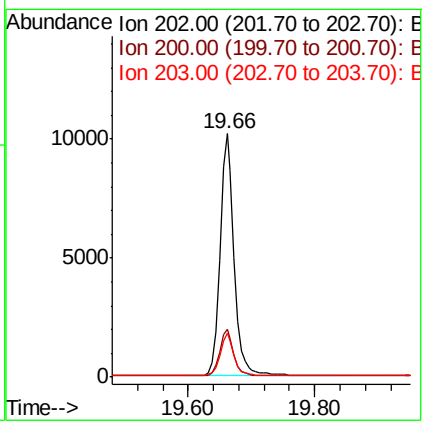


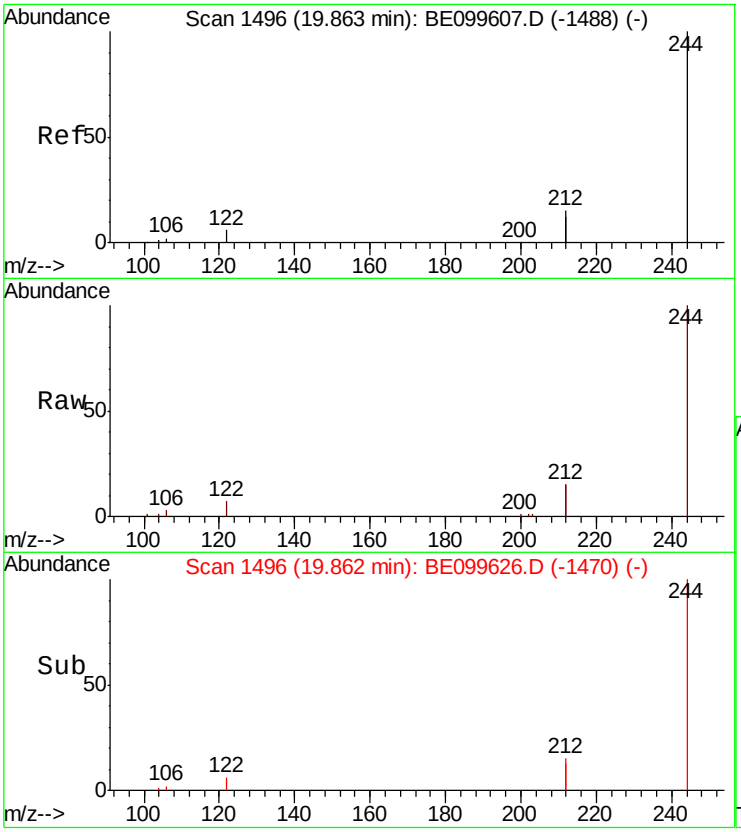


#28
Pyrene
Concen: 0.384 ng
RT: 19.66 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:202 Resp: 15738

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.8	23.6
203	17.9	14.1	21.1



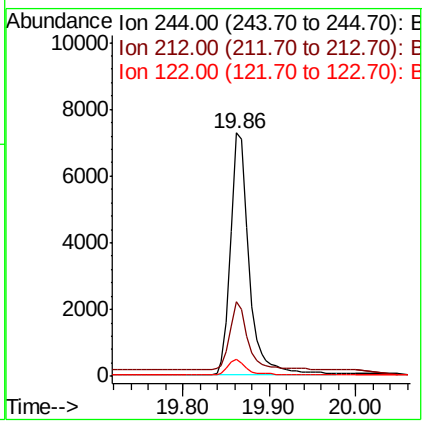


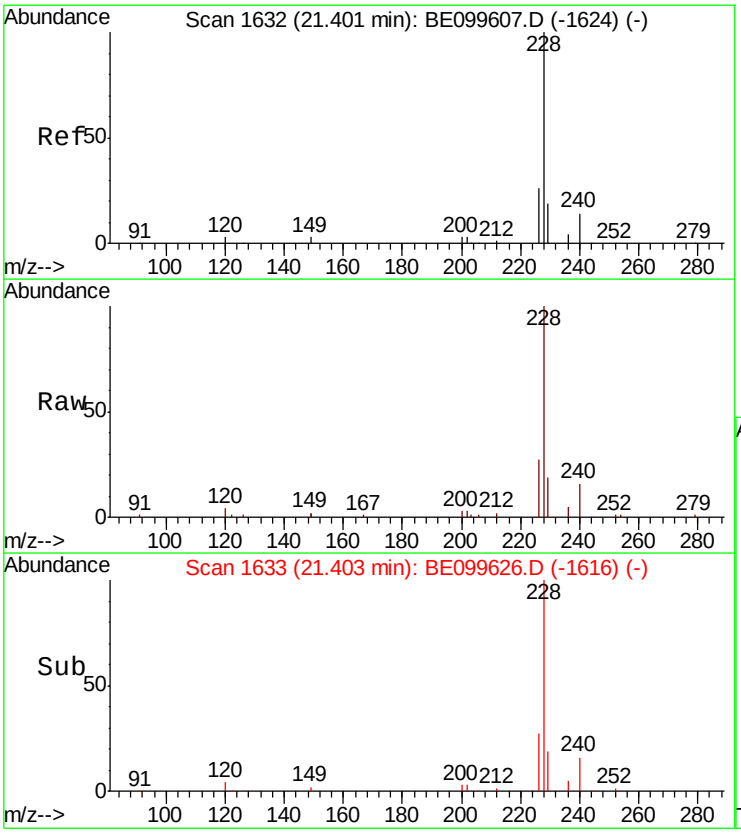
#29
Terphenyl-d14
Concen: 0.368 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:244 Resp: 10666

Ion	Ratio	Lower	Upper
244	100		
212	30.5	23.8	35.6
122	6.9	5.0	7.6

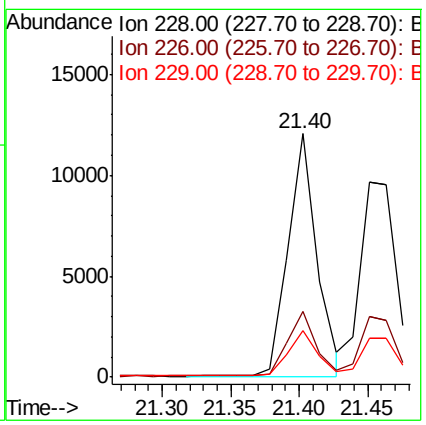


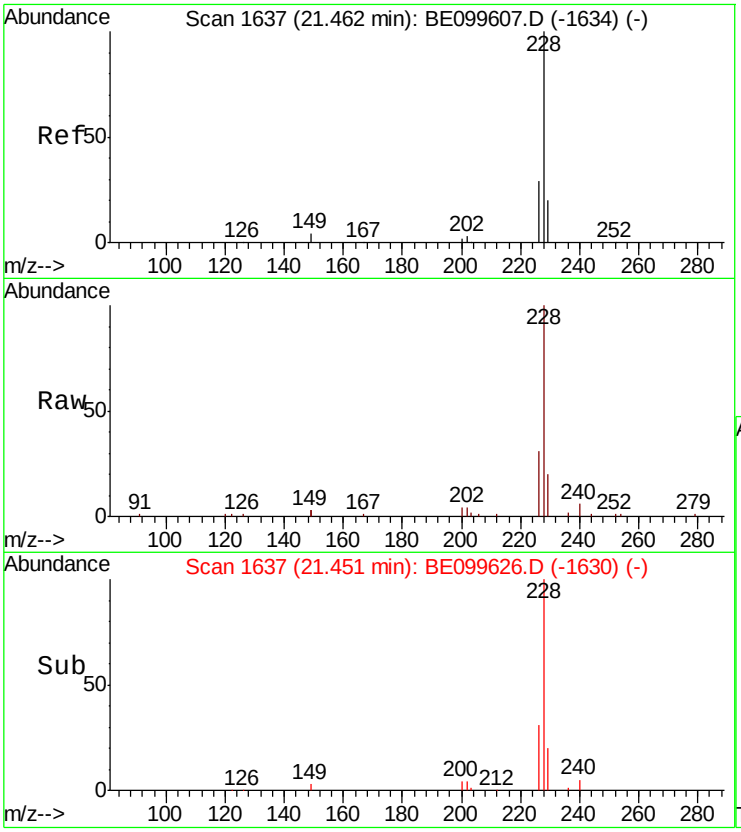


#30
Benzo(a)anthracene
Concen: 0.357 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:228 Resp: 17384

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	19.3	15.8	23.8



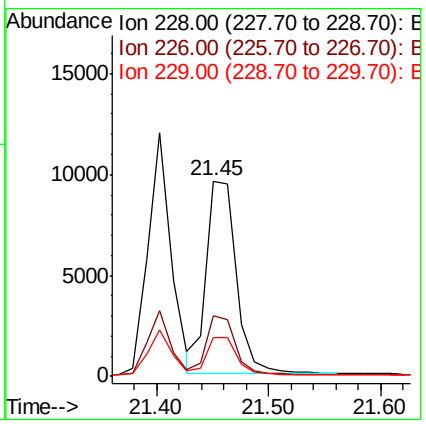


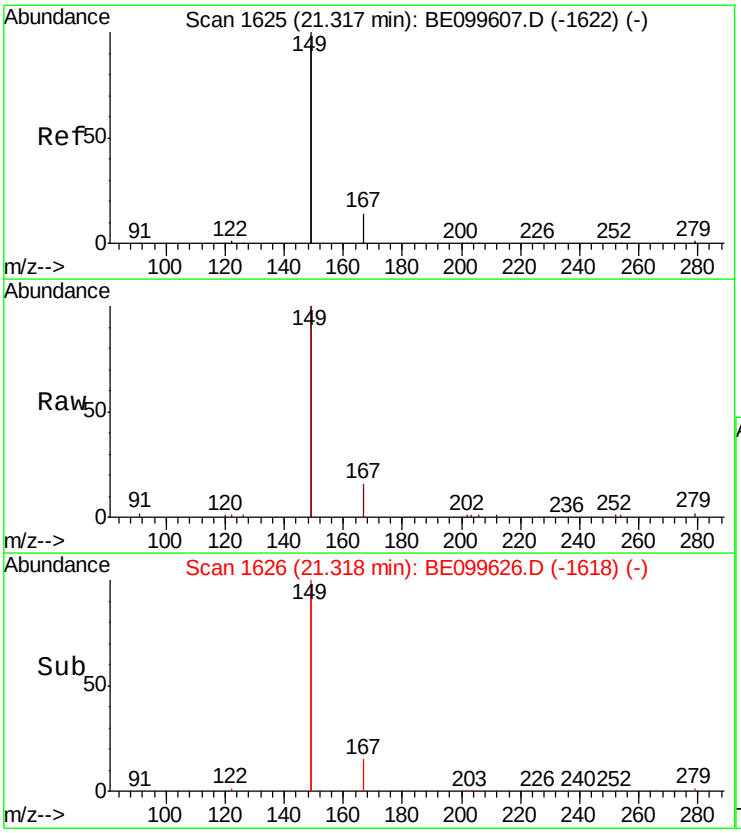
#31
Chrysene
Concen: 0.353 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:228 Resp: 17697

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.0	34.4
229	20.0	16.4	24.6

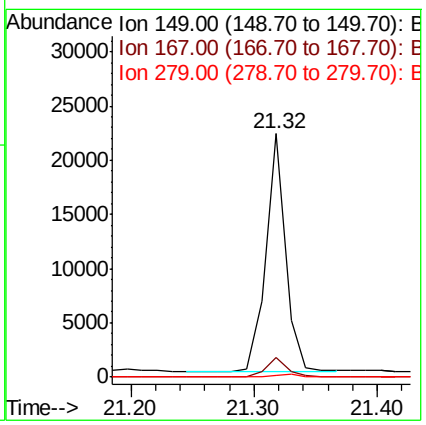


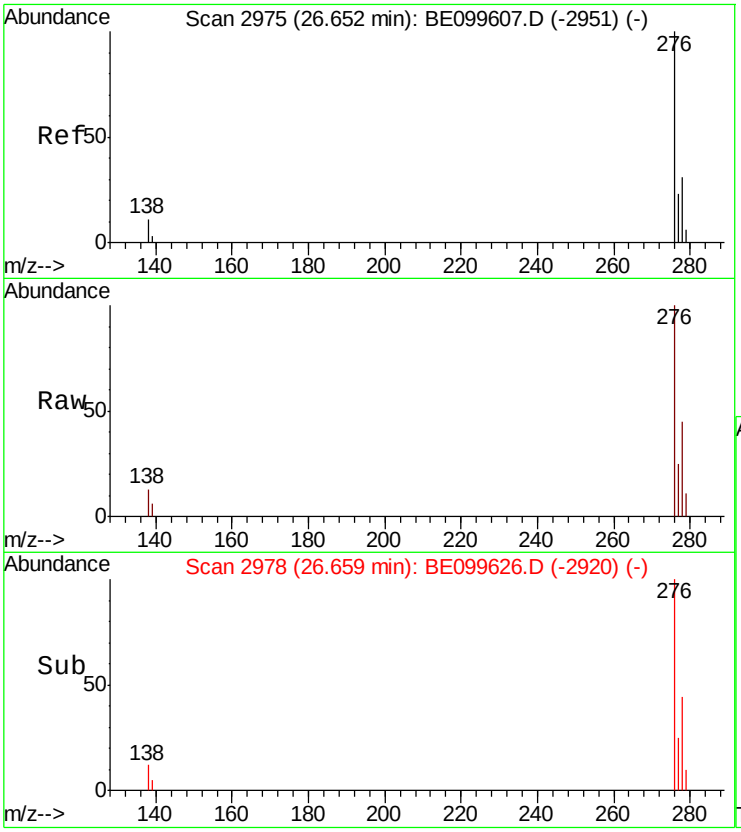


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.331 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:149 Resp: 24812

Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.0	9.0
279	1.4	1.1	1.7



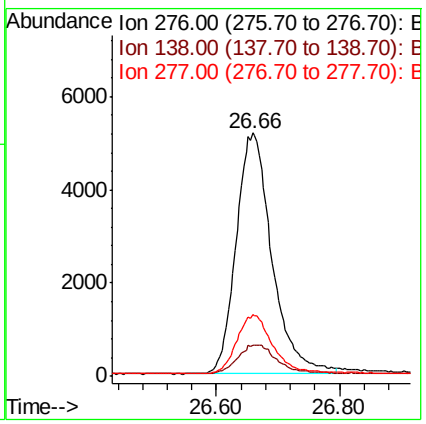


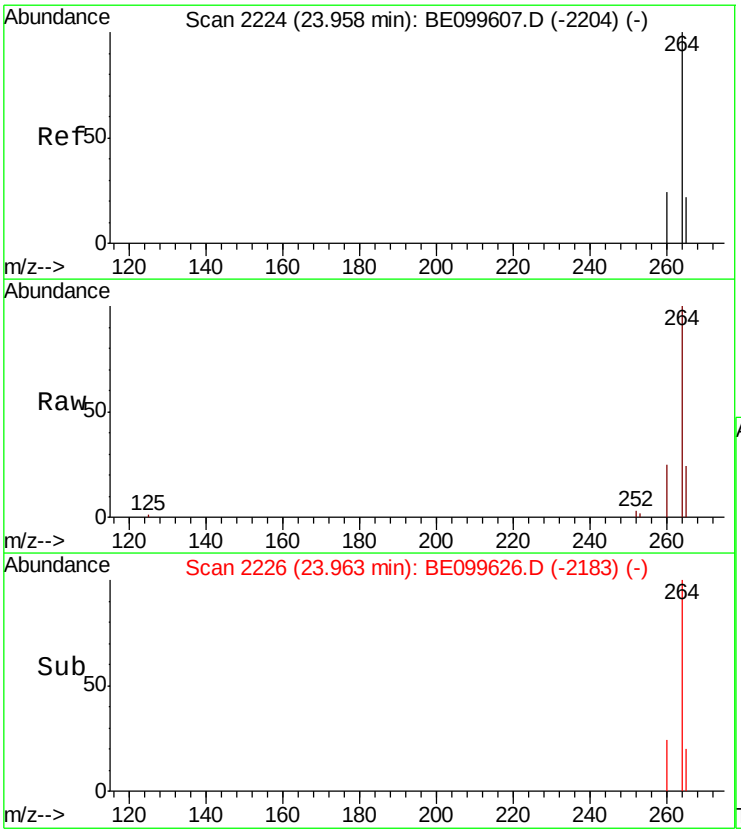
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng
RT: 26.66 min Scan# 2978
Delta R.T. 0.01 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:276 Resp: 20885

Ion	Ratio	Lower	Upper
276	100		
138	12.7	10.0	15.0
277	24.6	19.1	28.7

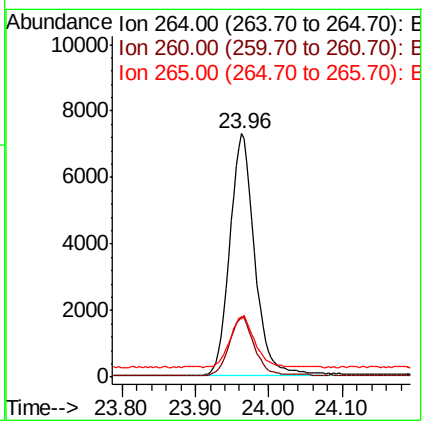


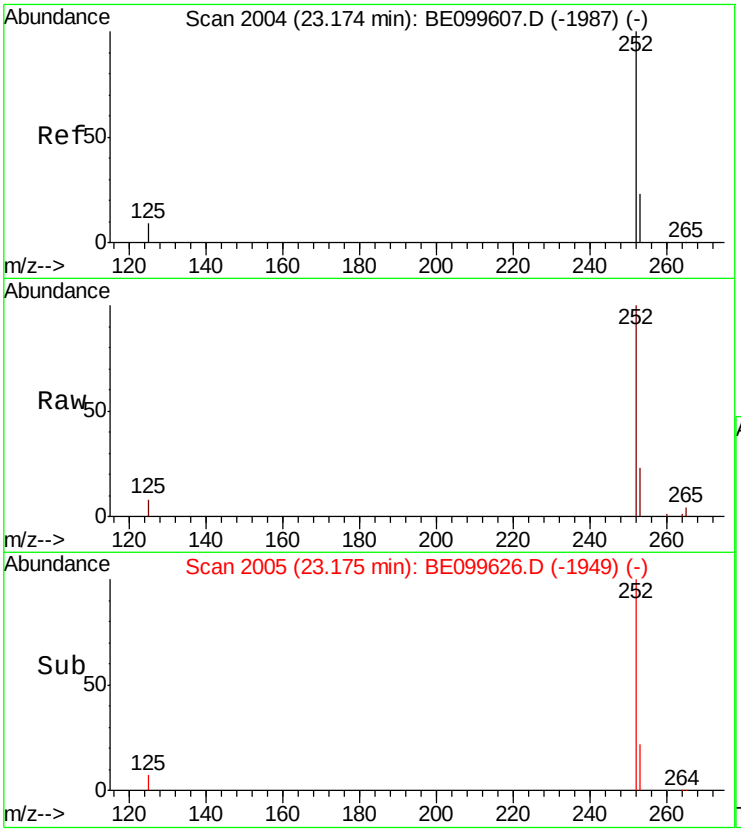


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:264 Resp: 17224

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	24.0	21.2	31.8



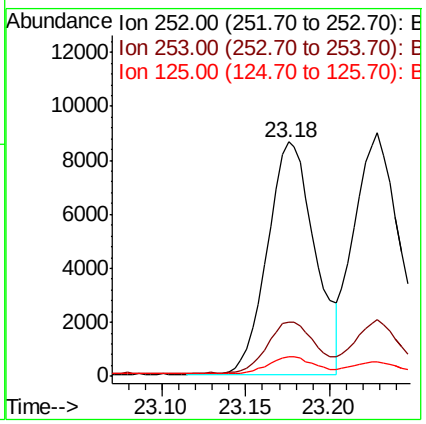


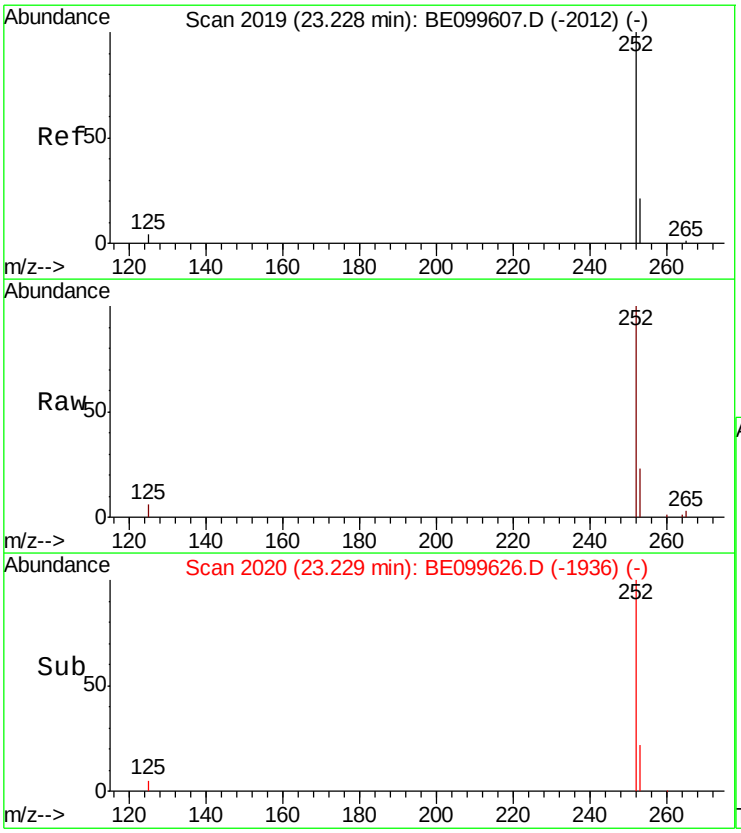
#35
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 23.18 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:252 Resp: 17078

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.1	28.7
125	8.3	7.8	11.8

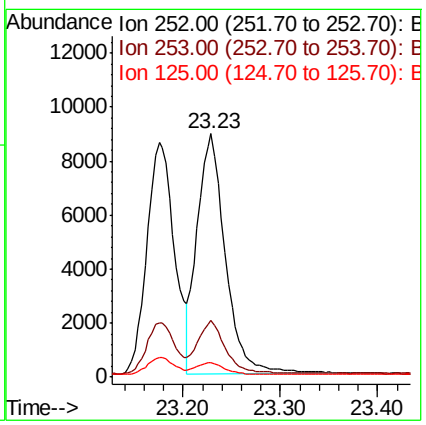


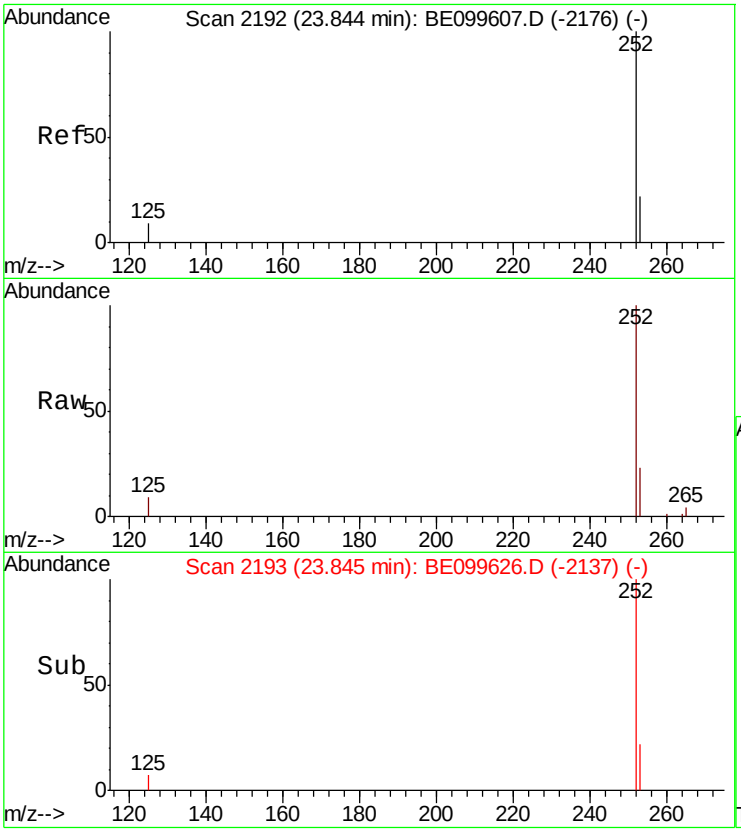


#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.23 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:252 Resp: 17913

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	6.0	5.2	7.8



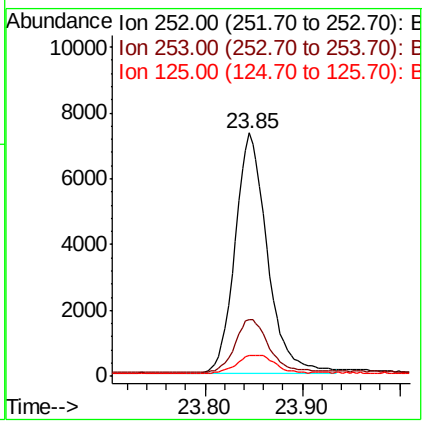


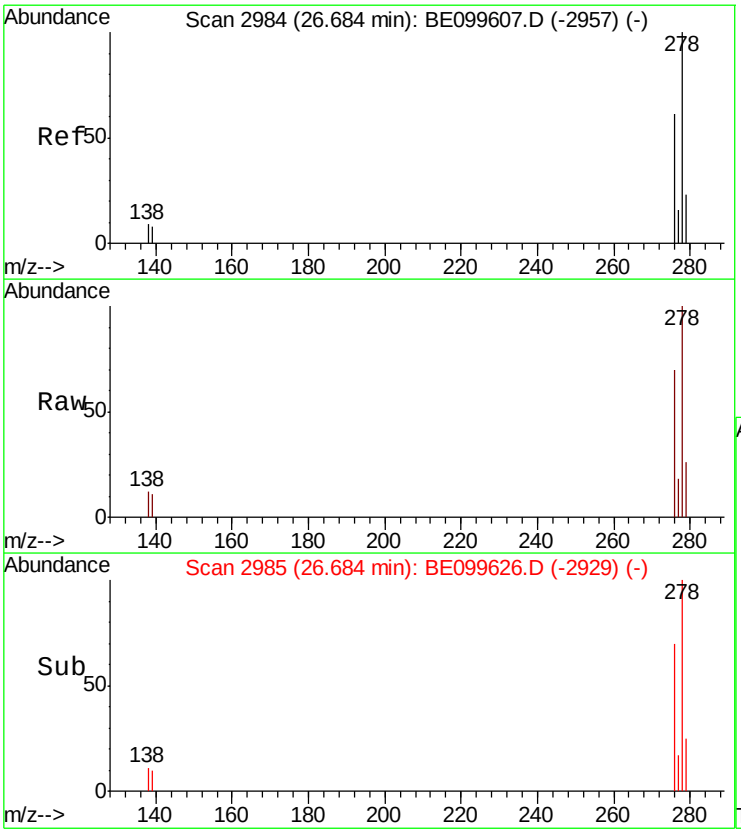
#37
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.85 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:252 Resp: 16885

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.6
125	8.8	8.8	13.2#

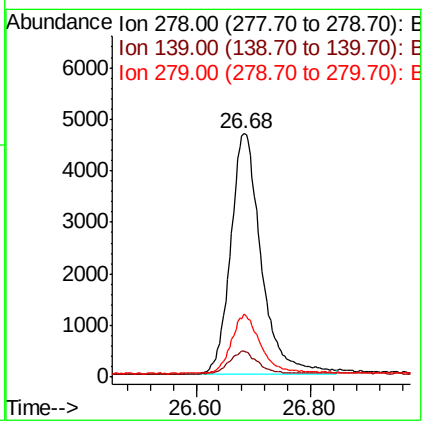


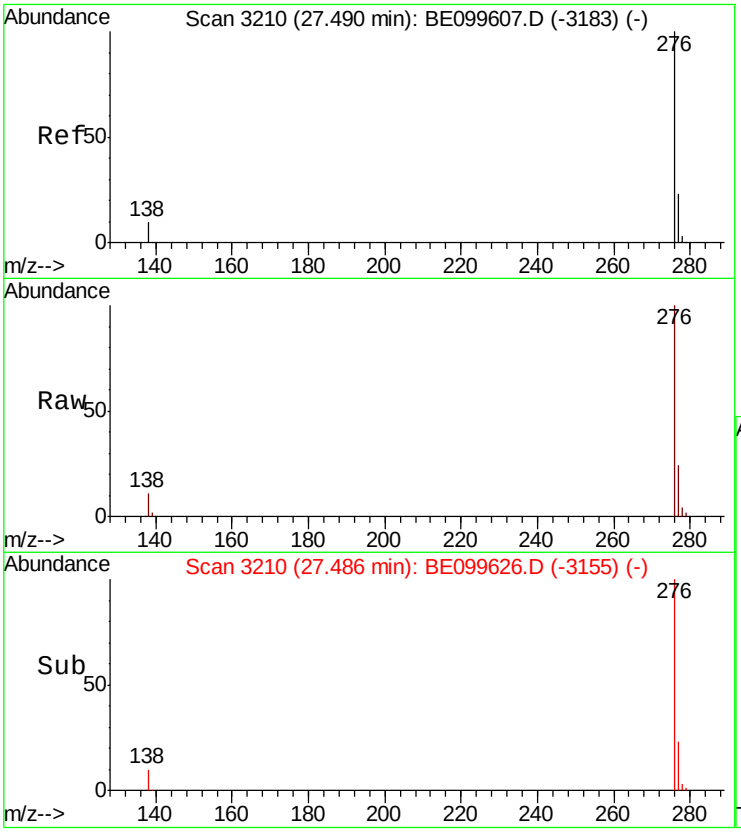


#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.68 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Tgt Ion:278 Resp: 17434

Ion	Ratio	Lower	Upper
278	100		
139	10.8	7.9	11.9
279	25.9	19.5	29.3





#39
Benzo(g,h,i)perylene
Concen: 0.369 ng
RT: 27.49 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE099626.D
Acq: 16 May 2019 17:15

Instrument :
BNA_E
ClientSampleId :
PB119762BSD

Tgt Ion:276 Resp: 17975

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	11.5	9.1	13.7