Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
Data File : BE099339.D
Acq On : 18 Apr 2019 16:10
Operator : JU/SJ
Sample : PB118927BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB118927BSD

Quant Time: Apr 19 07:02:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3816	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	15080	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	10245	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	30074	0.40	ng		0.00
27) Chrysene-d12	21.37	240	35332	0.40	ng		0.00
34) Perylene-d12	23.86	264	33889	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	3932	0.42	ng		0.00
5) Phenol-d6	6.97	99	5454	0.41	ng		0.00
8) Nitrobenzene-d5	8.96	82	4482	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	10471	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1404	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	16497	0.41	ng		0.00
25) Fluoranthene-d10	19.22	212	140304	0.39	ng		0.00
29) Terphenyl-d14	19.82	244	28407	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	2452	0.459	ng		90
3) n-Nitrosodimethylamine	3.65	42	1053	0.366	ng	#	84
6) bis(2-Chloroethyl)ether	7.24	93	5117	0.412	ng		98
9) Naphthalene	10.65	128	66291	0.403	ng		100
10) Hexachlorobutadiene	10.94	225	4169	0.399	ng		98
12) 2-Methylnaphthalene	12.28	142	11251	0.402	ng		94
16) Acenaphthylene	14.18	152	18184	0.393	ng		100
17) Acenaphthene	14.51	154	11475	0.402	ng		99
18) Fluorene	15.49	166	16669	0.407	ng		100
20) 4-Bromophenyl-phenylether	16.39	248	6624	0.398	ng		98
21) Hexachlorobenzene	16.49	284	6506	0.406	ng		99
22) Pentachlorophenol	16.84	266	3501	0.762	ng		95
23) Phenanthrene	17.23	178	31847	0.400	ng		100
24) Anthracene	17.32	178	27878	0.394	ng		99
26) Fluoranthene	19.25	202	41589	0.390	ng		99
28) Pyrene	19.61	202	42262	0.406	ng		100
30) Benzo(a)anthracene	21.34	228	40262	0.388	ng		99
31) Chrysene	21.40	228	46080	0.417	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	33767	0.357	ng		100
33) Indeno(1,2,3-cd)pyrene	26.50	276	46199	0.423	ng		100
35) Benzo(b)fluoranthene	23.14	252	41820	0.403	ng		99
36) Benzo(k)fluoranthene	23.14	252	41820	0.404	ng		98
37) Benzo(a)pyrene	23.74	252	37324	0.402	ng		97
38) Dibenzo(a,h)anthracene	26.52	278	38220	0.402	ng		99
39) Benzo(g,h,i)perylene	27.31	276	38432	0.399	ng		98

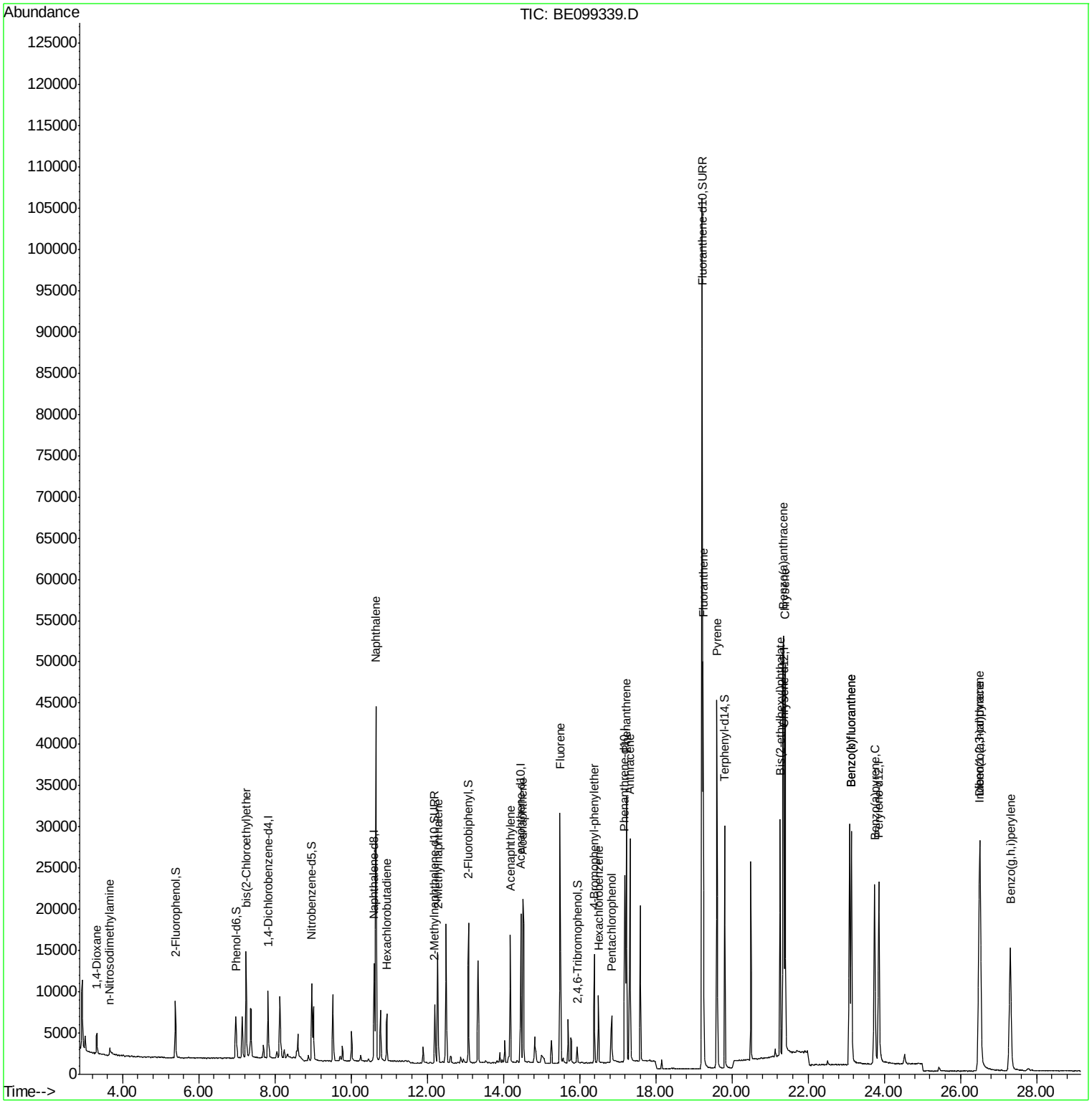
(#) = qualifier out of range (m) = manual integration (+) = signals summed

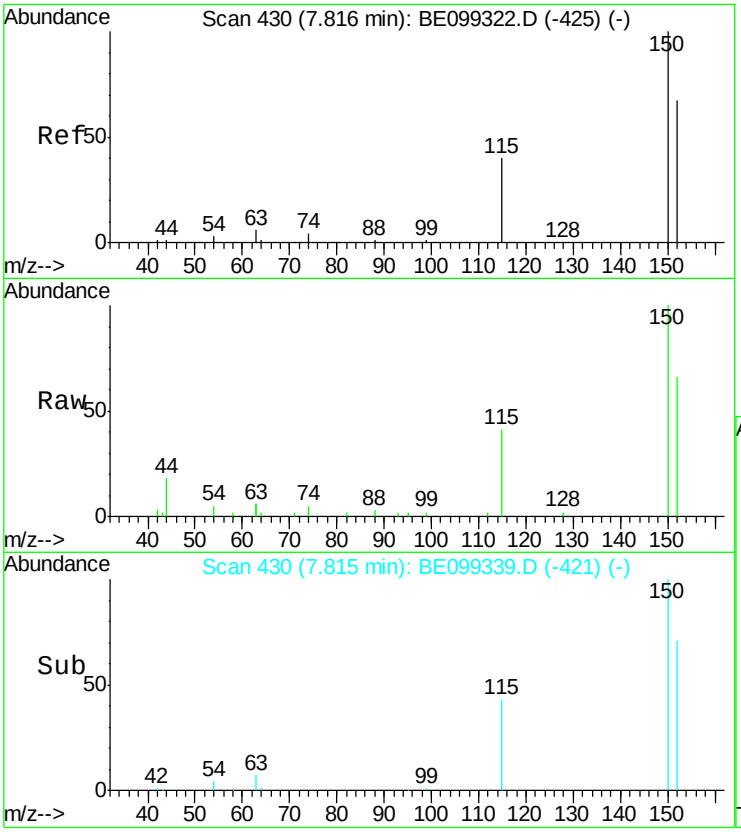
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
Data File : BE099339.D
Acq On : 18 Apr 2019 16:10
Operator : JU/SJ
Sample : PB118927BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Quant Time: Apr 19 07:02:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration



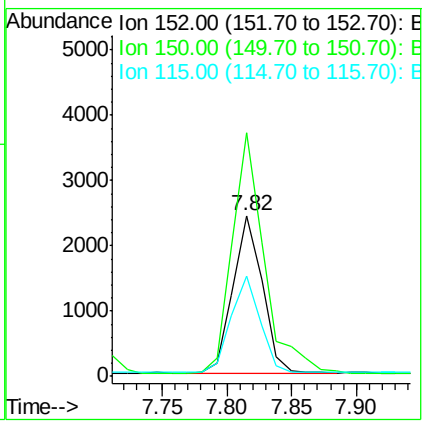


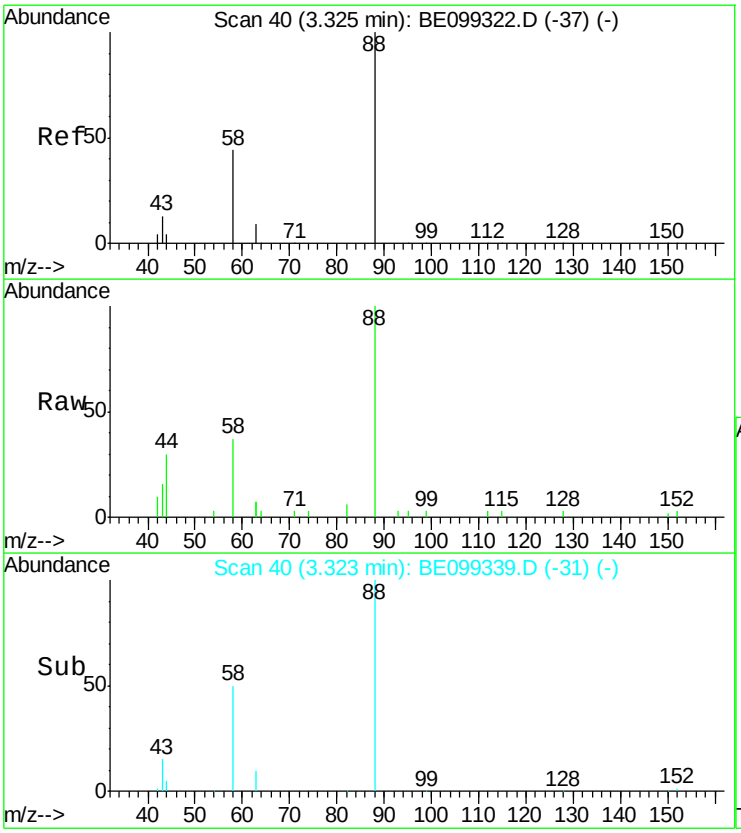
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:152 Resp: 3816

Ion	Ratio	Lower	Upper
152	100		
150	151.3	119.5	179.3
115	62.5	47.5	71.3

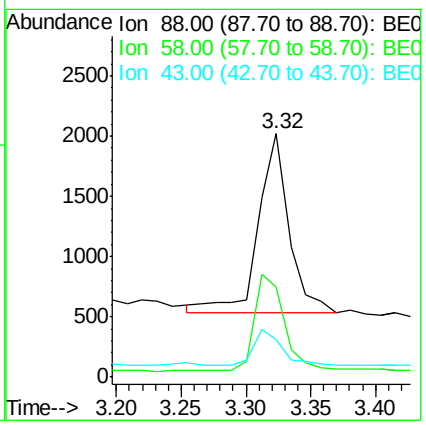


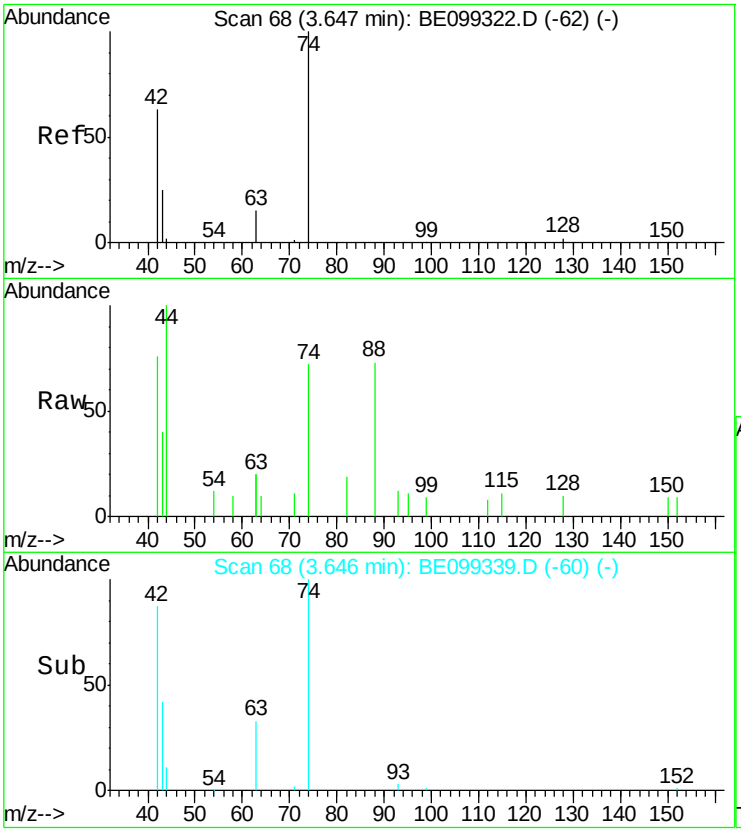


#2
1,4-Dioxane
Concen: 0.459 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion: 88 Resp: 2452

Ion	Ratio	Lower	Upper
88	100		
58	53.3	49.1	73.7
43	18.7	17.9	26.9



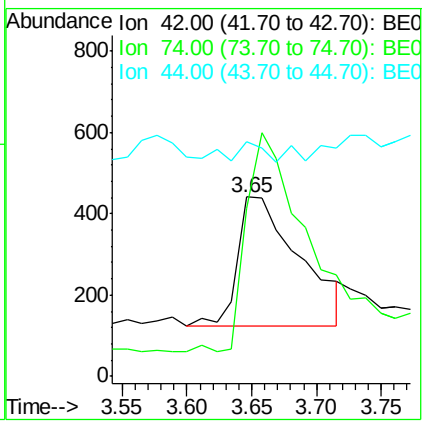


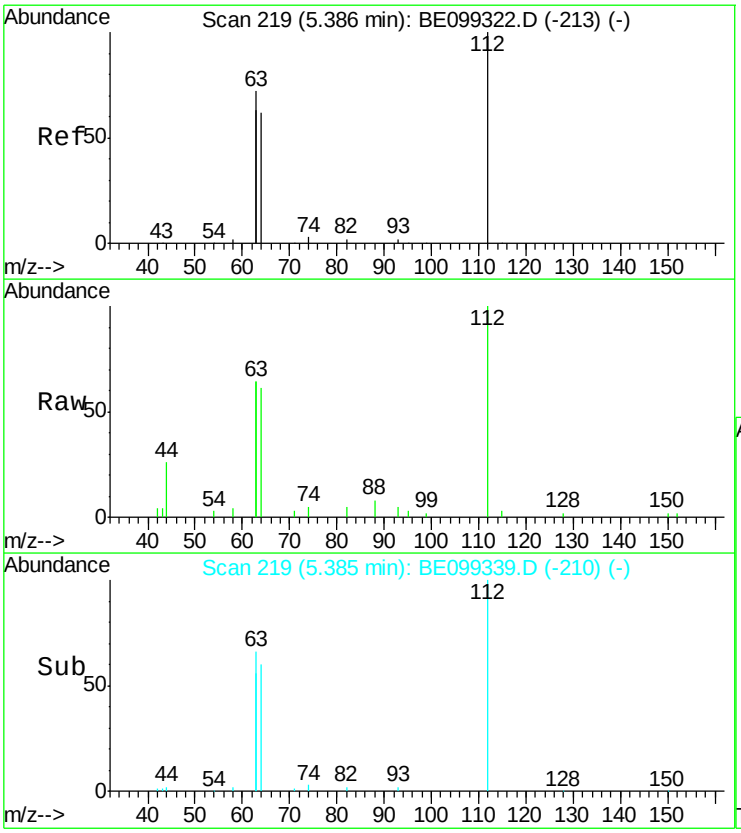
#3
n-Nitrosodimethylamine
Concen: 0.366 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion: 42 Resp: 1053

Ion	Ratio	Lower	Upper
42	100		
74	158.1	145.8	218.8
44	7.6	9.0	13.4#

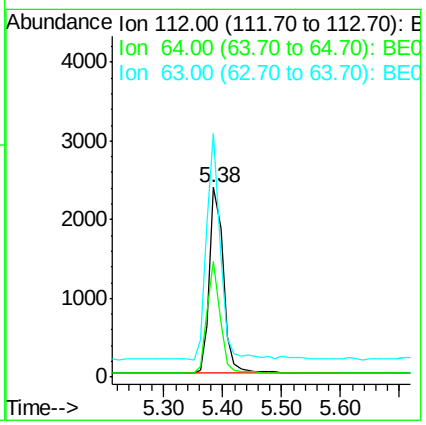


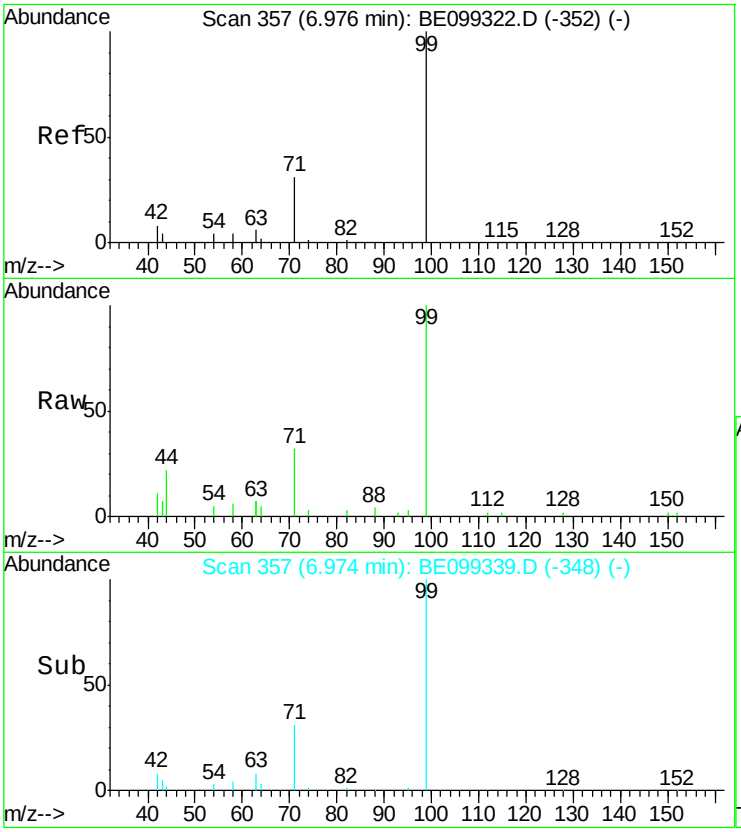


#4
2-Fluorophenol
Concen: 0.422 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:112 Resp: 3932

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.9	67.3
63	115.7	97.4	146.0



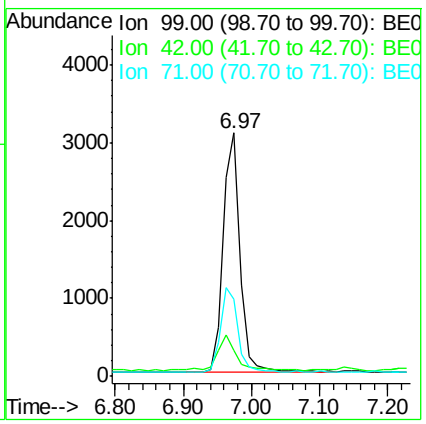


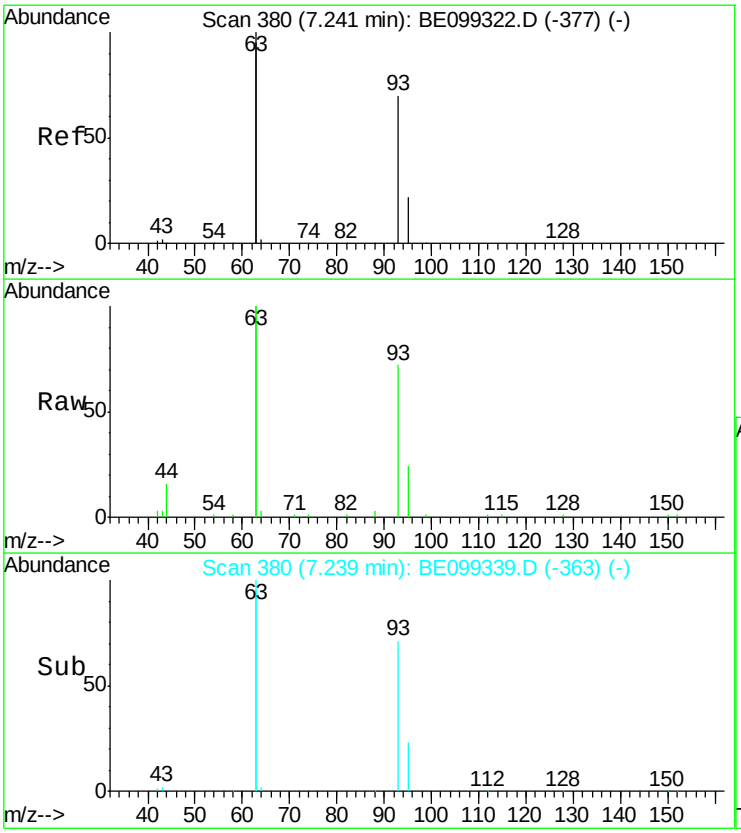
#5
Phenol-d6
Concen: 0.410 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion: 99 Resp: 5454

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.7	17.5
71	35.1	29.6	44.4

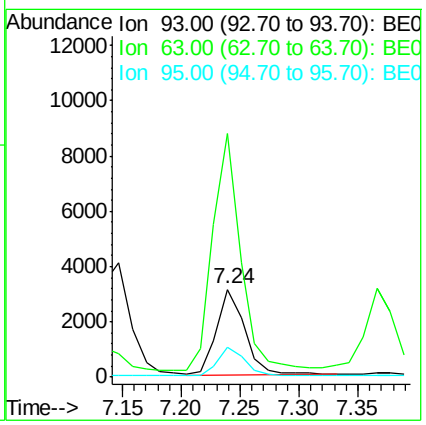


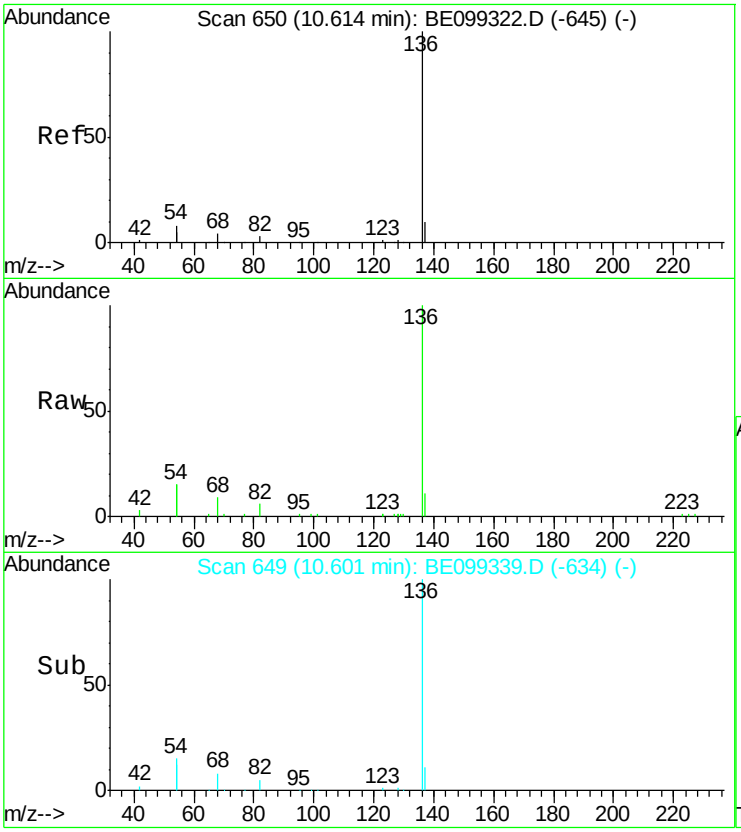


#6
bis(2-Chloroethyl)ether
Concen: 0.412 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion: 93 Resp: 5117

Ion	Ratio	Lower	Upper
93	100		
63	274.3	216.6	324.8
95	33.1	25.8	38.6



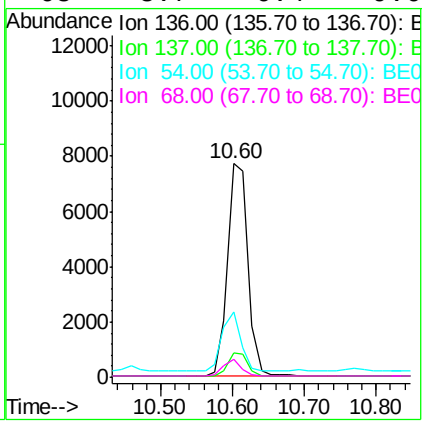


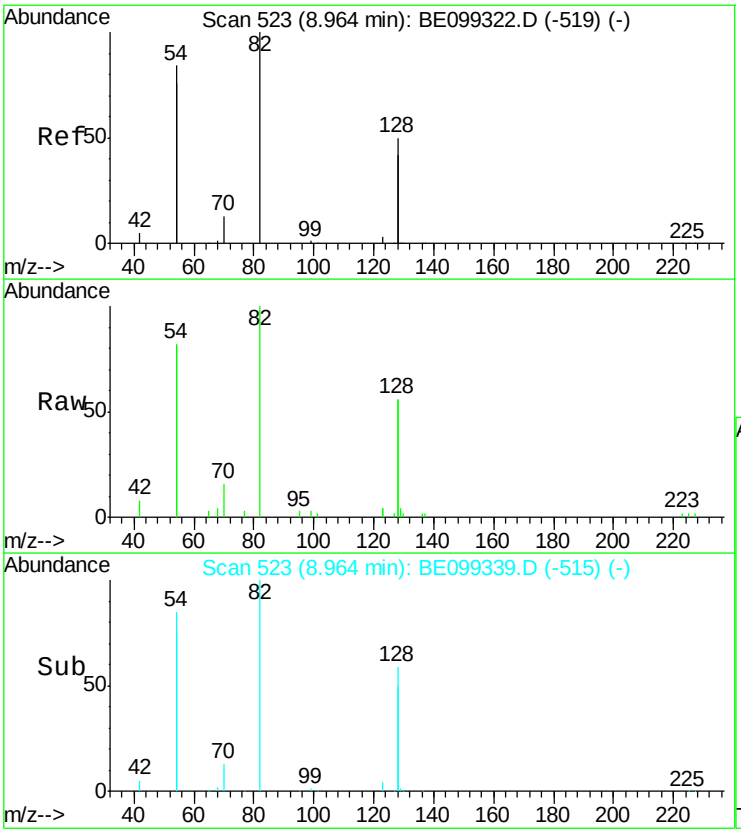
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:136 Resp: 15080

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	30.3	23.8	35.8
68	8.7	6.4	9.6

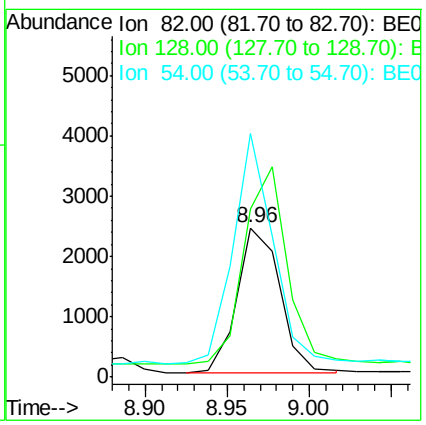


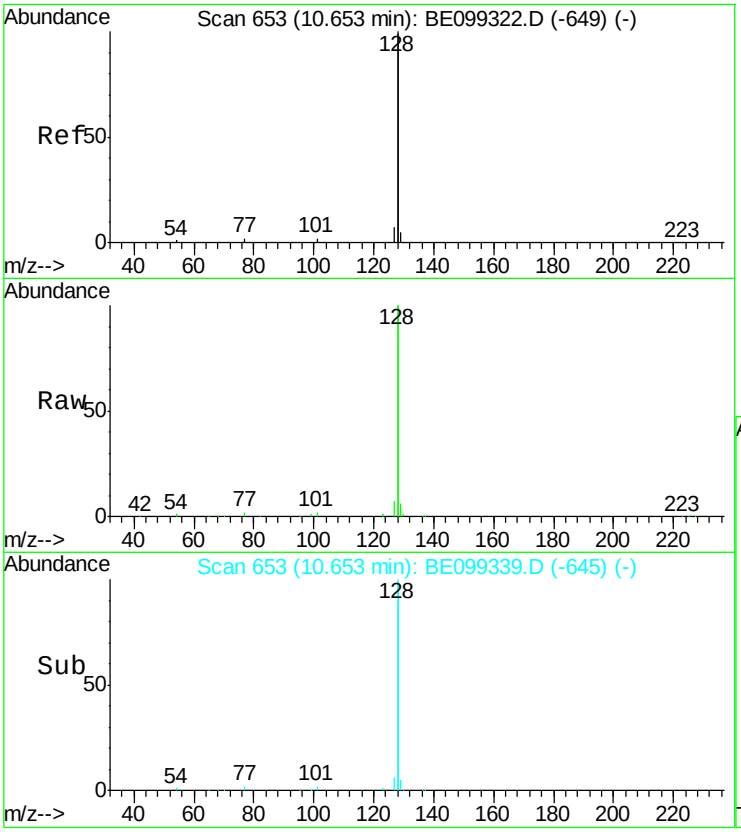


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion: 82 Resp: 4482

Ion	Ratio	Lower	Upper
82	100		
128	112.4	91.7	137.5
54	163.3	122.8	184.2



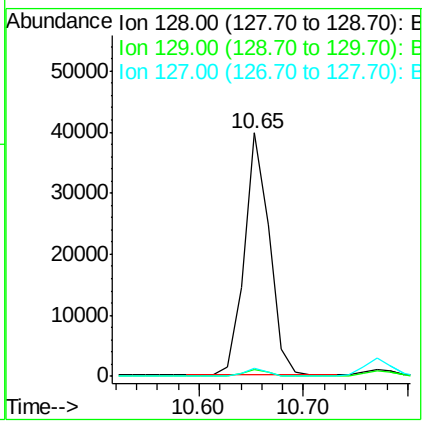


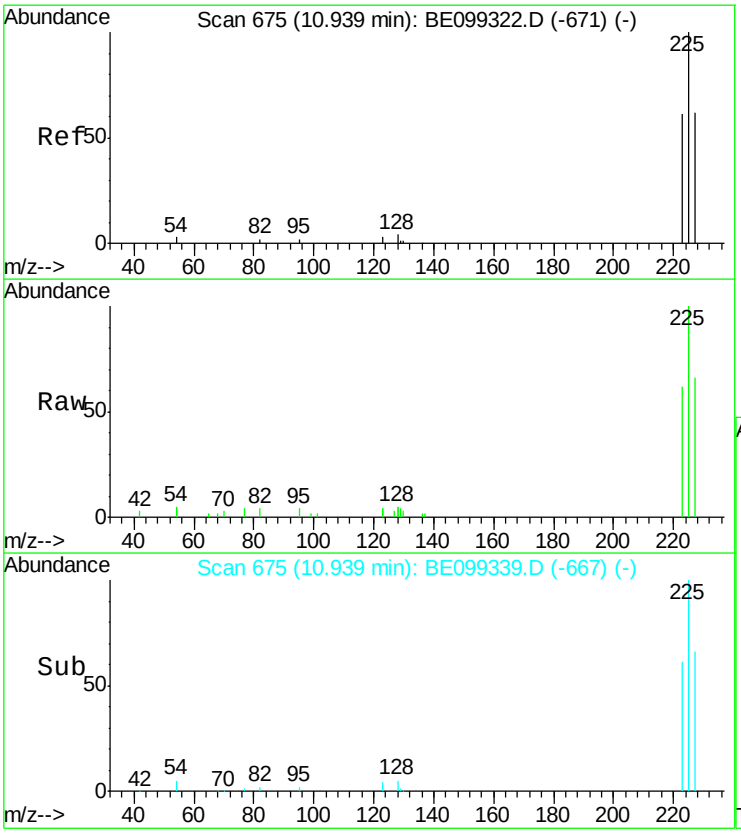
#9
Naphthalene
Concen: 0.403 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:128 Resp: 66291

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.4	2.8	4.2

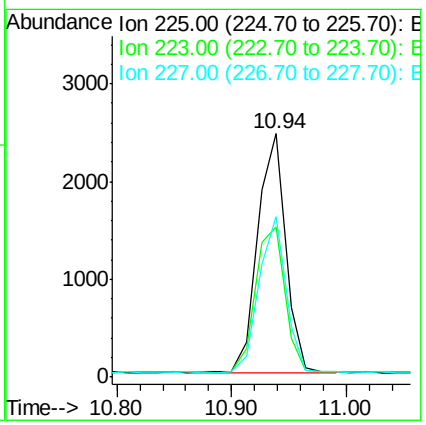


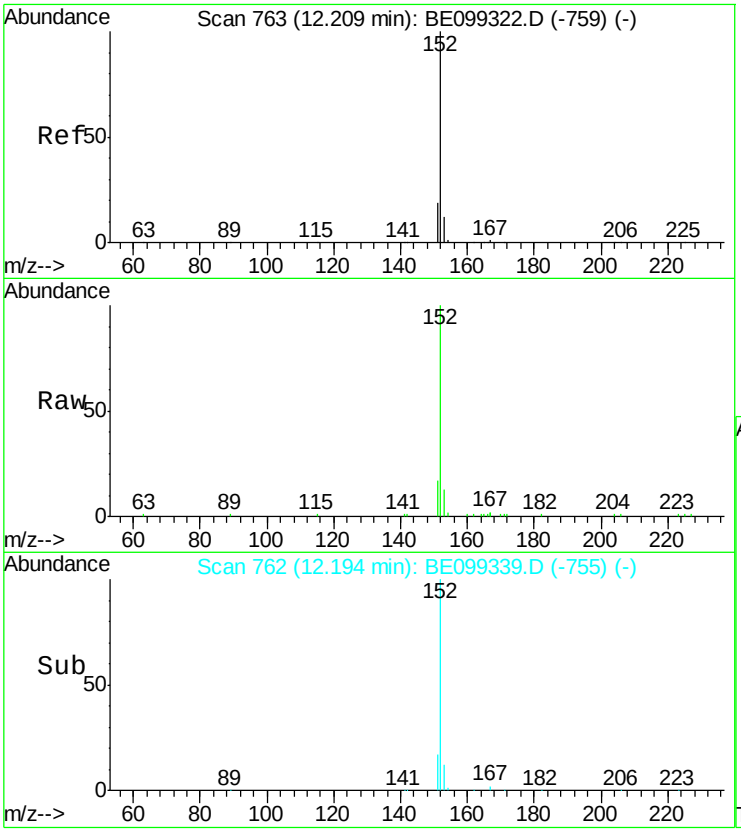


#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:225 Resp: 4169

Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.3	75.5
227	63.0	49.4	74.0



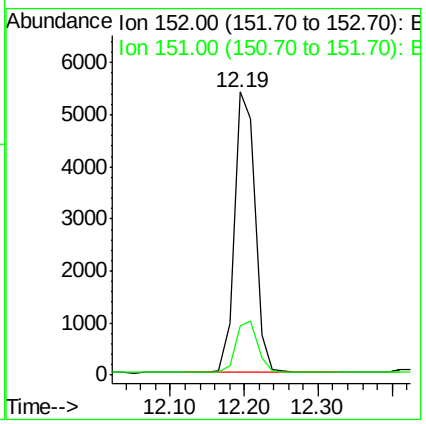


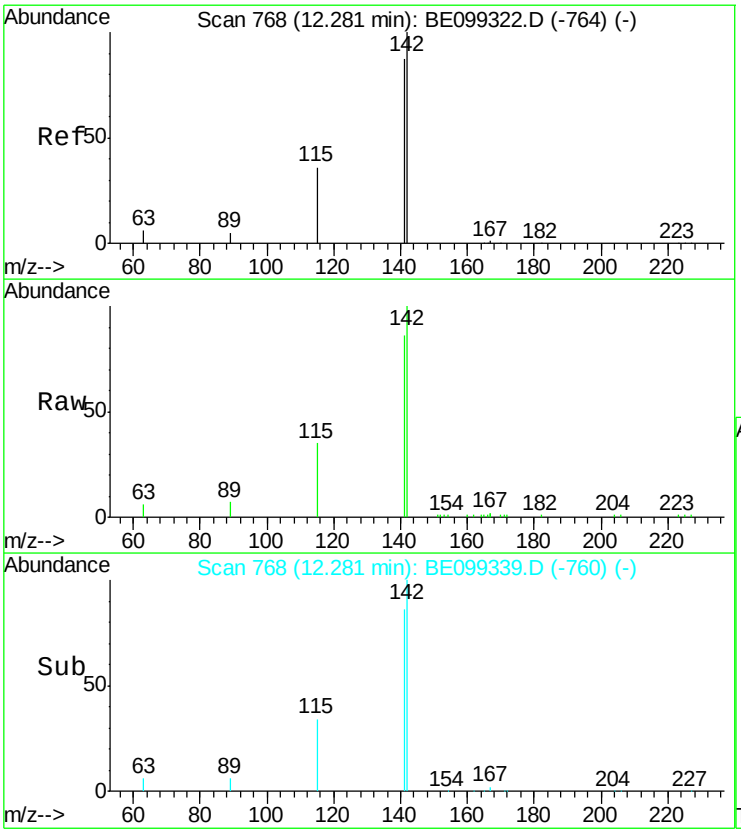
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:152 Resp: 10471

Ion	Ratio	Lower	Upper
152	100		
151	20.0	14.9	22.3

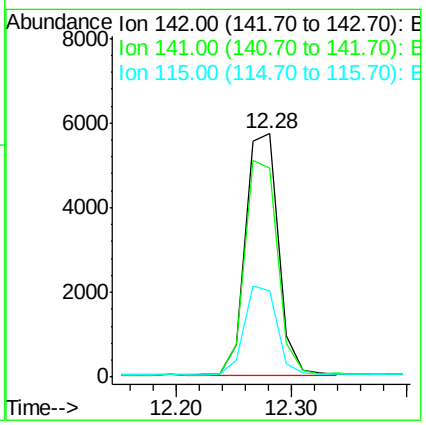


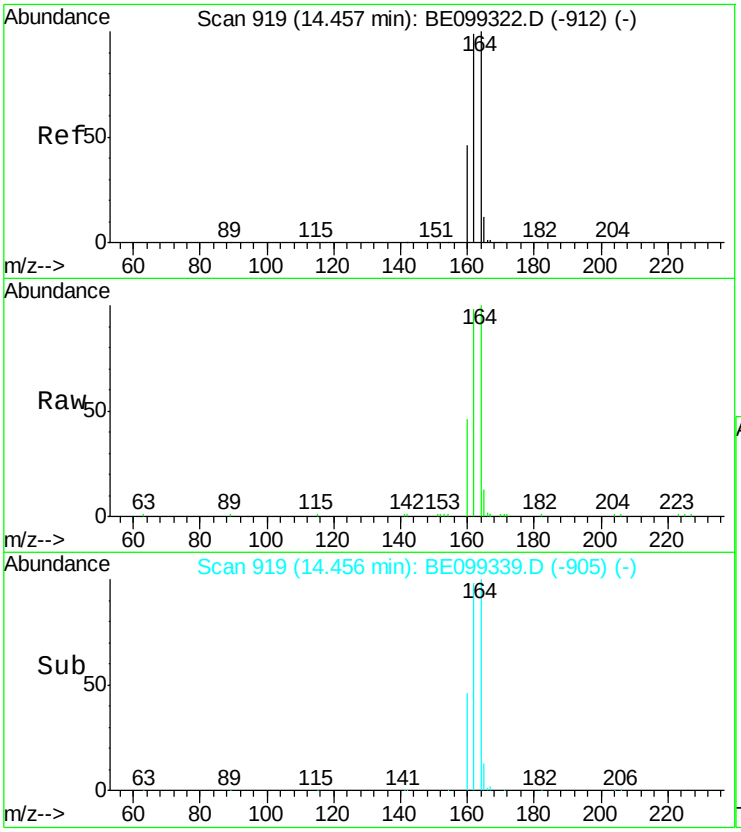


#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:142 Resp: 11251

Ion	Ratio	Lower	Upper
142	100		
141	86.0	72.0	108.0
115	35.2	33.4	50.0



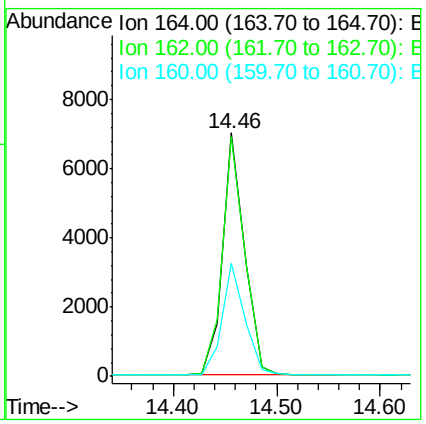


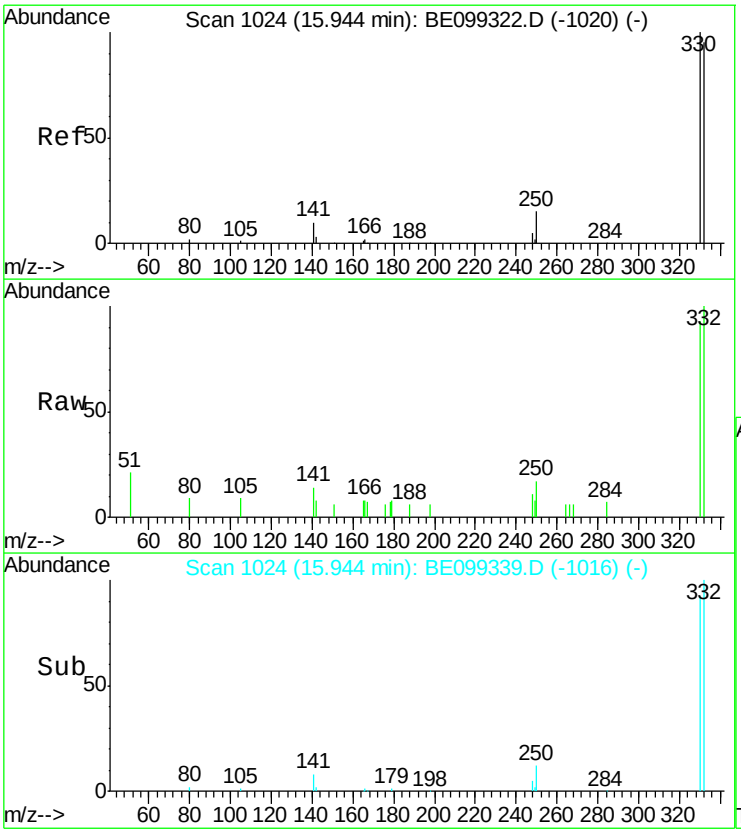
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:164 Resp: 10245

Ion	Ratio	Lower	Upper
164	100		
162	98.3	77.8	116.6
160	46.4	37.1	55.7

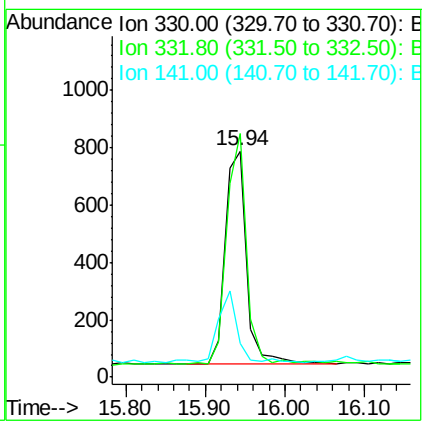


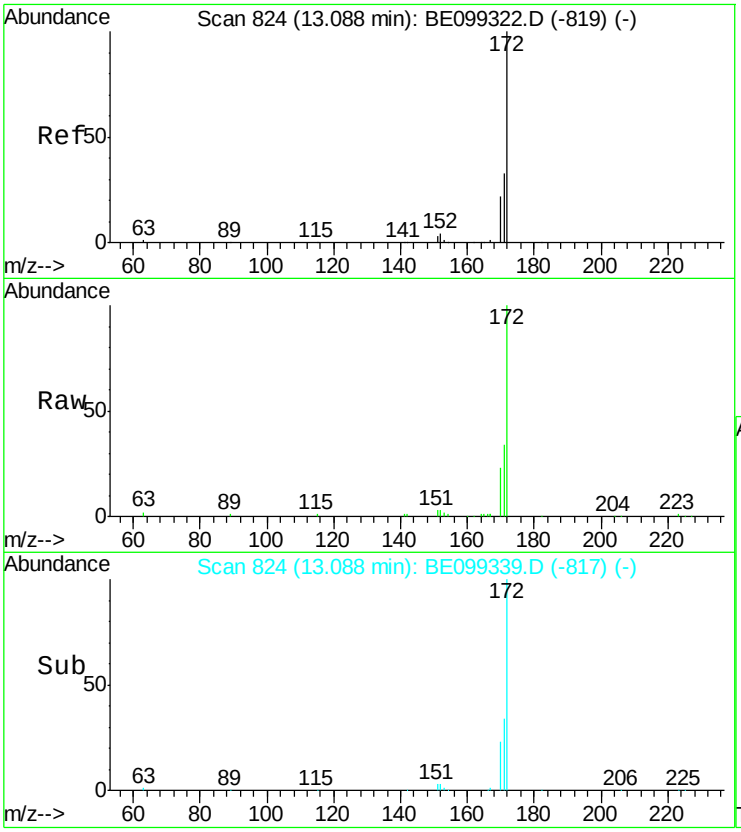


#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:330 Resp: 1404

Ion	Ratio	Lower	Upper
330	100		
332	97.6	82.5	123.7
141	29.0	24.9	37.3



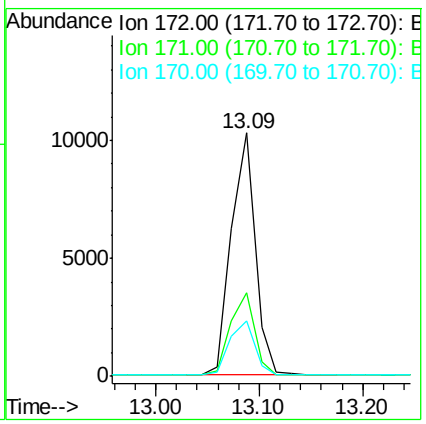


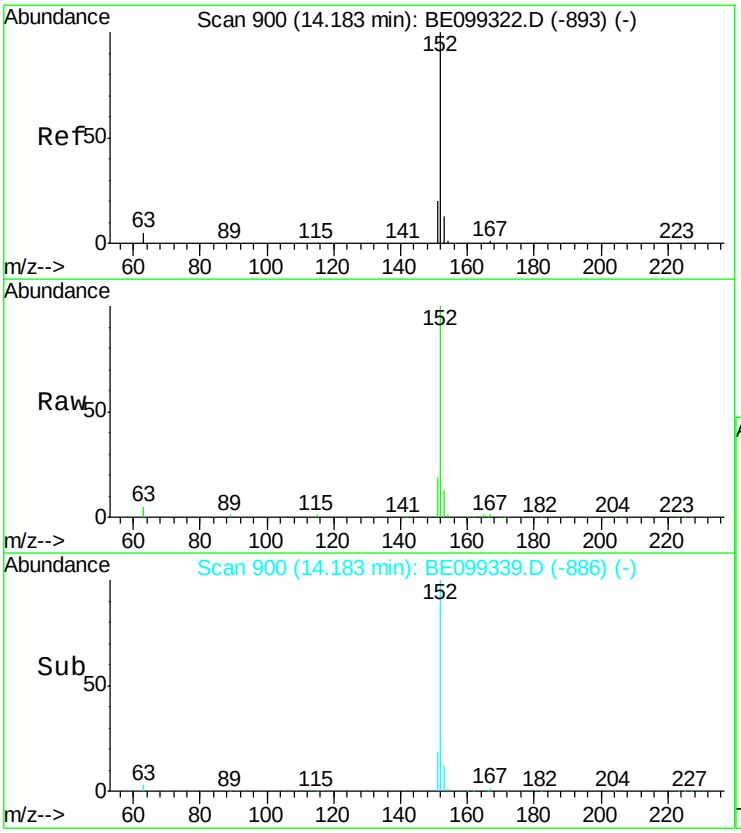
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:172 Resp: 16497

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.2	39.2
170	23.0	18.1	27.1

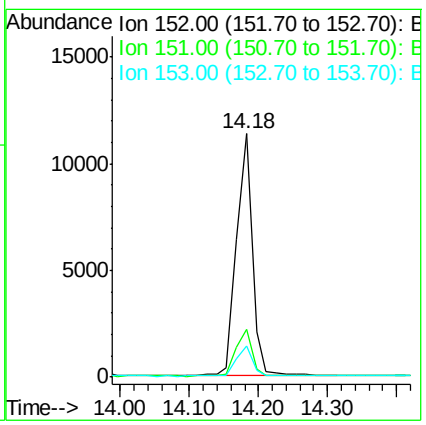


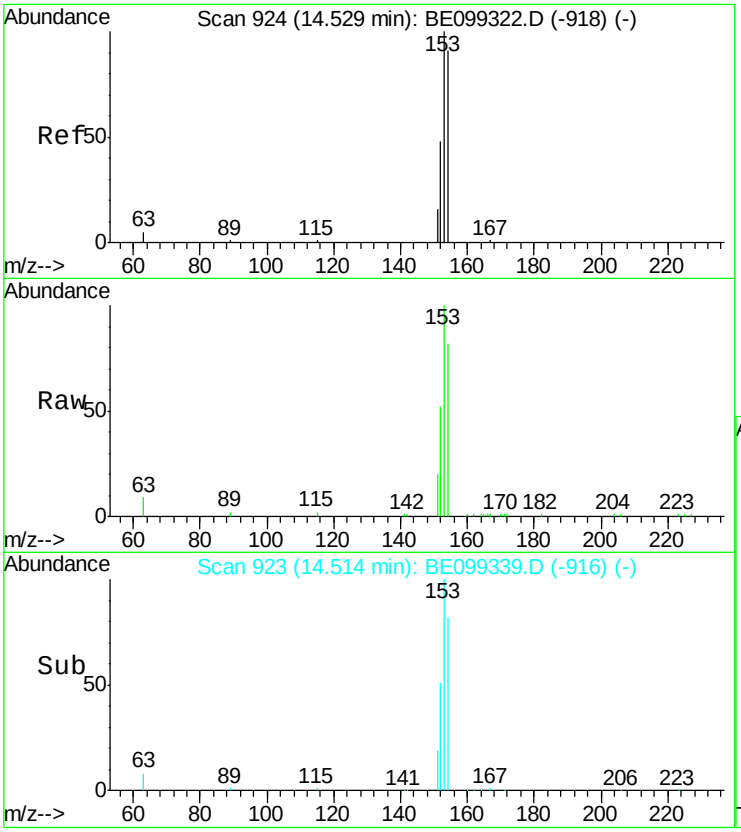


#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:152 Resp: 18184

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.0	10.2	15.4



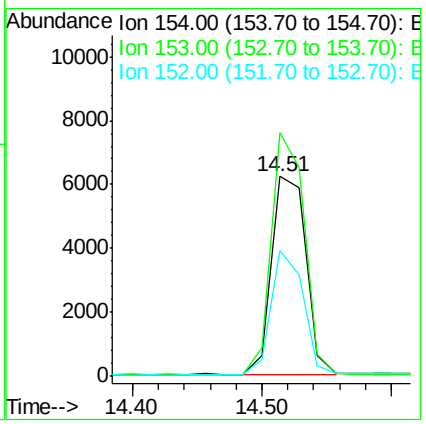


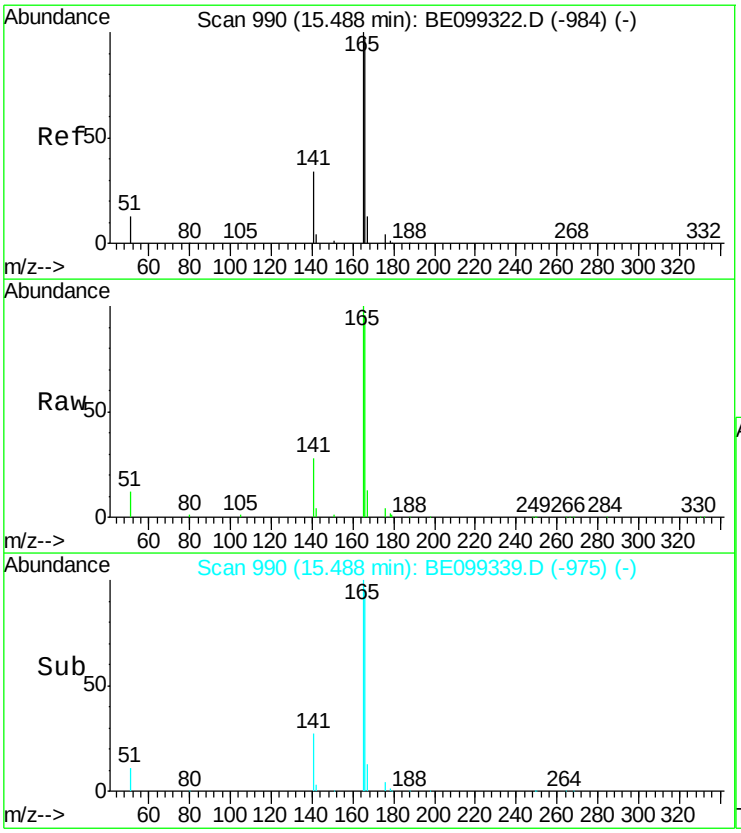
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:154 Resp: 11475

Ion	Ratio	Lower	Upper
154	100		
153	117.4	94.7	142.1
152	58.3	46.4	69.6

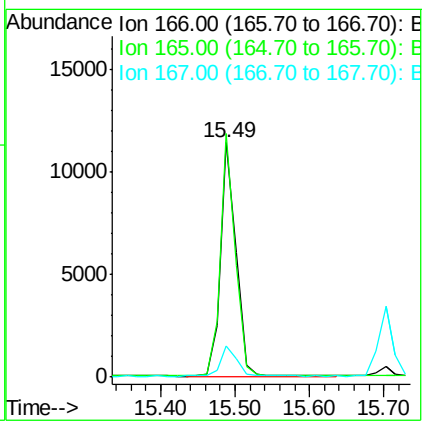


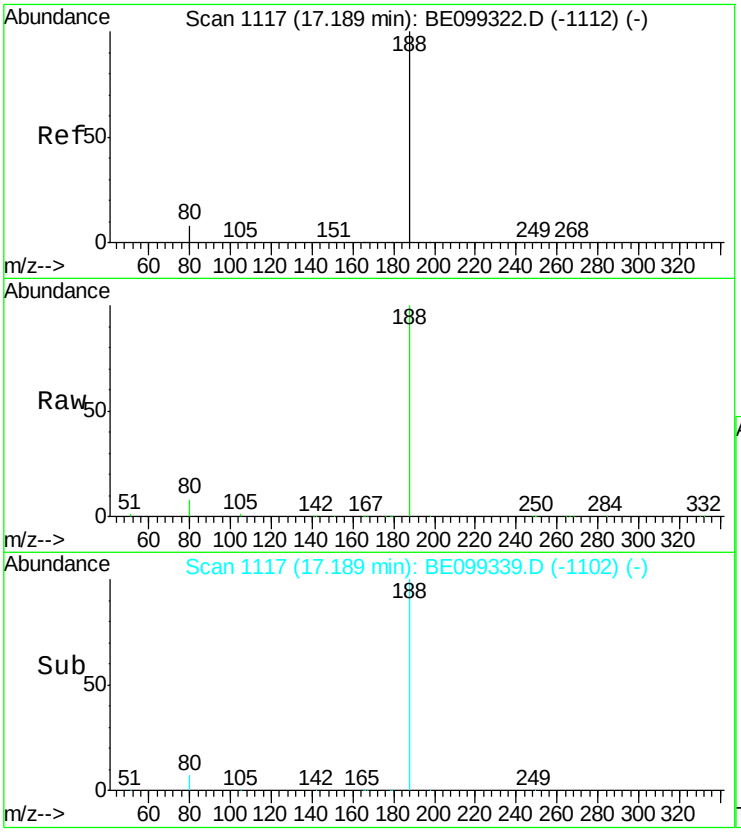


#18
Fluorene
Concen: 0.407 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:166 Resp: 16669

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.7	119.5
167	13.5	11.0	16.4



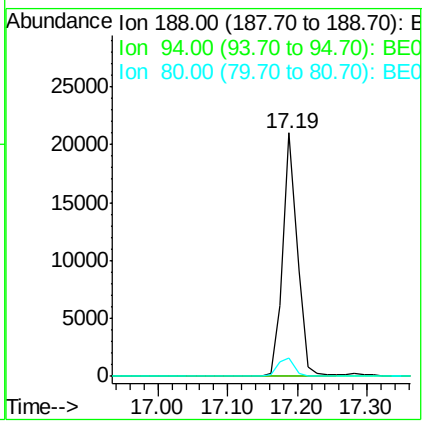


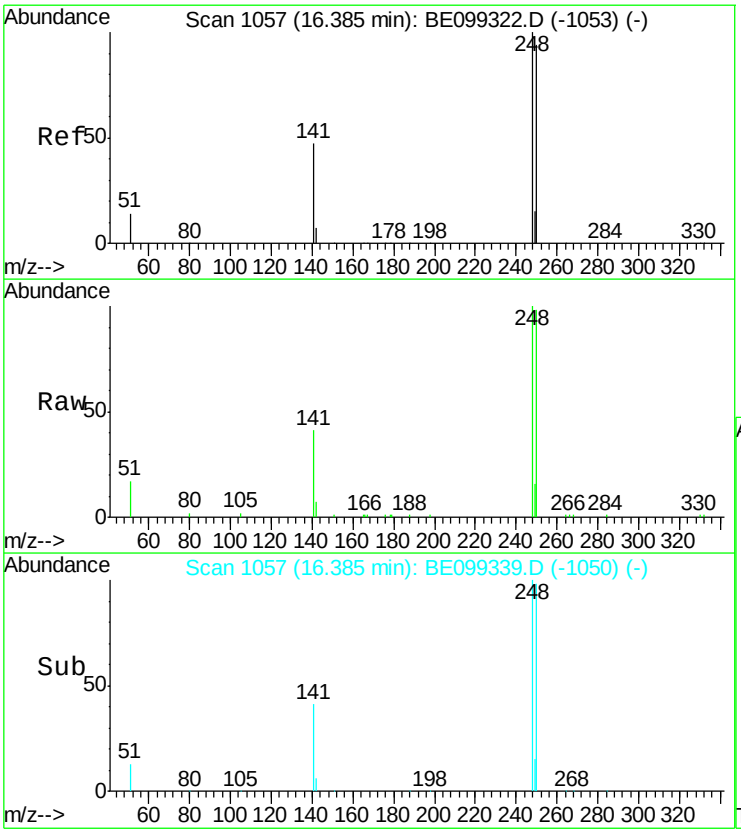
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:188 Resp: 30074

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.2	9.4

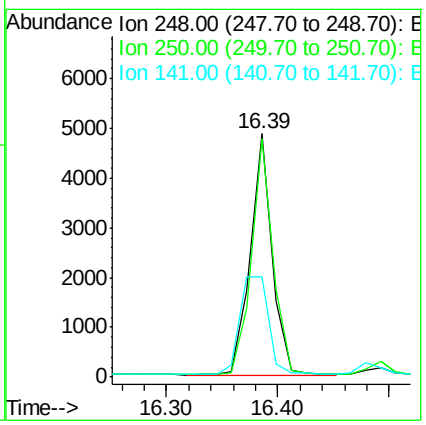


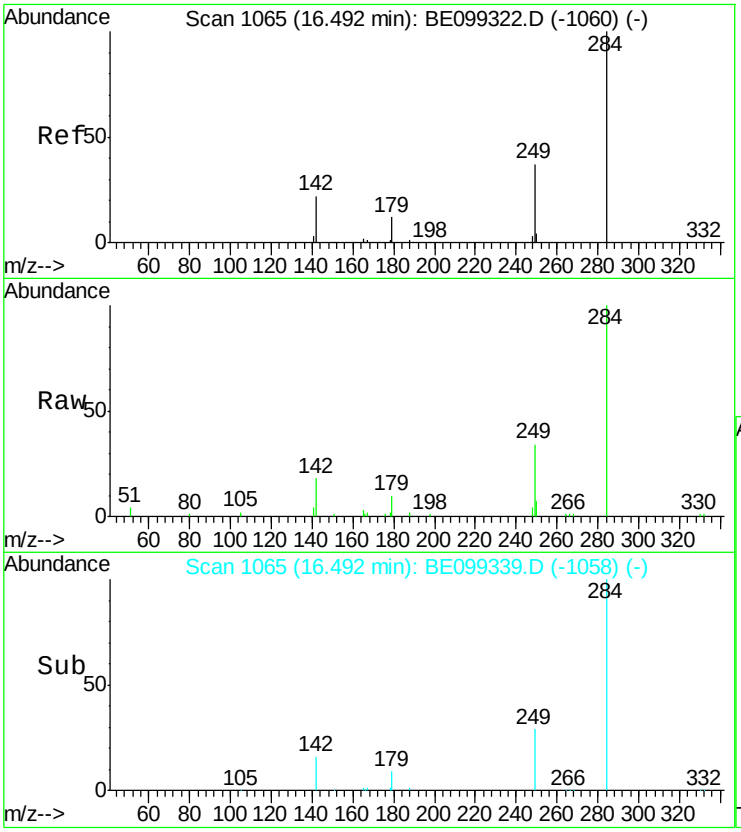


#20
4-Bromophenyl-phenylether
Concen: 0.398 ng
RT: 16.39 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:248 Resp: 6624

Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.0	115.6
141	41.3	31.1	46.7



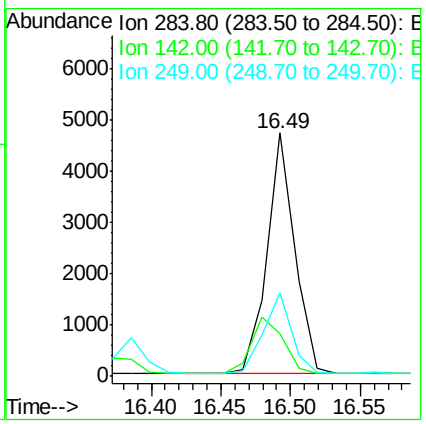


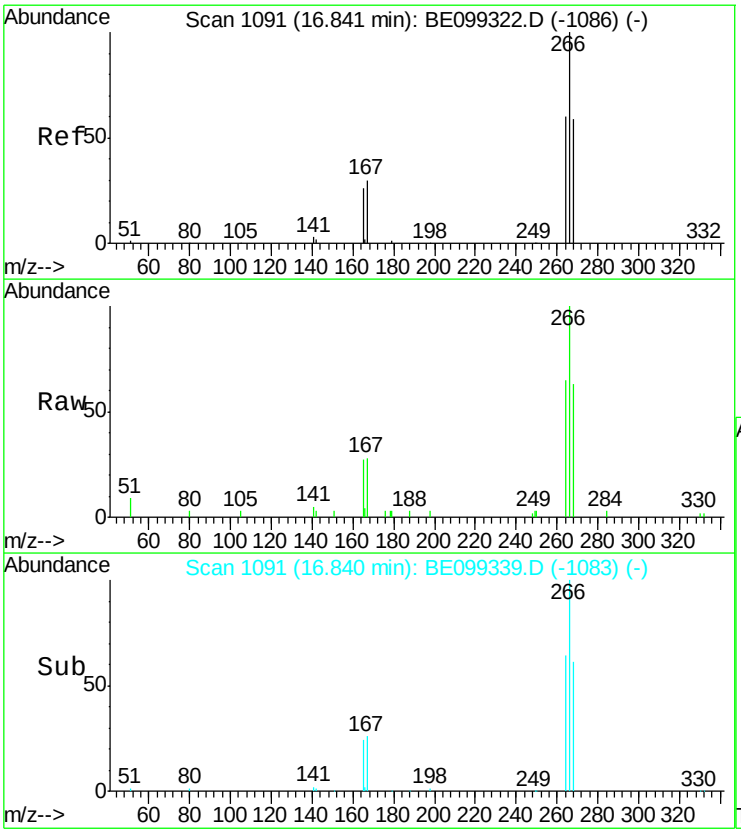
#21
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:284 Resp: 6506

Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.8	32.6
249	33.9	26.2	39.4

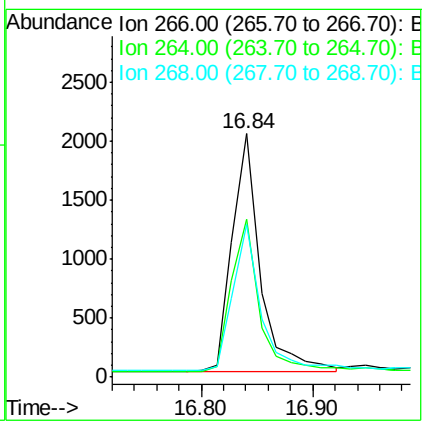


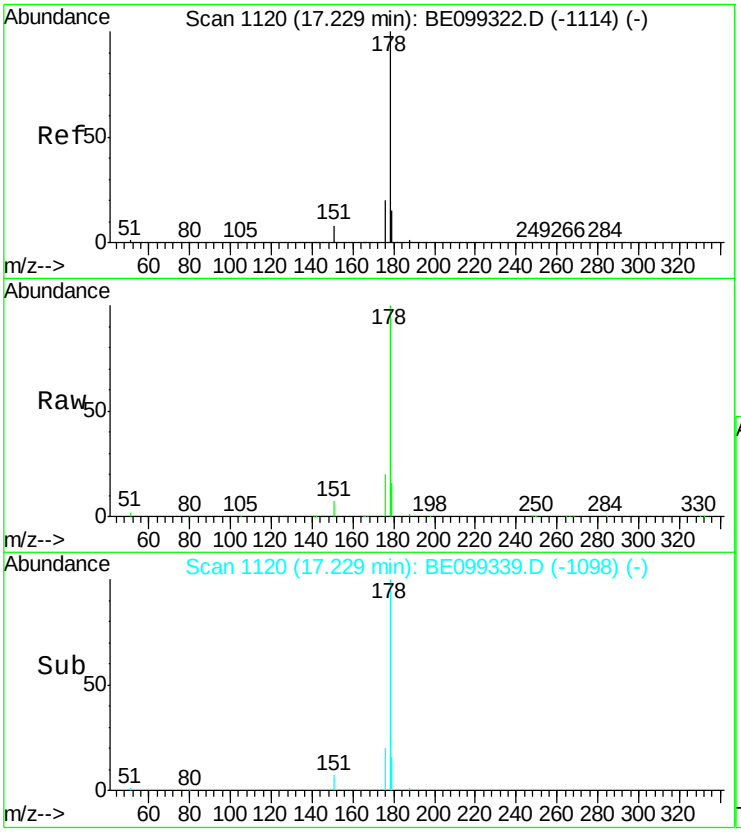


#22
Pentachlorophenol
Concen: 0.762 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:266 Resp: 3501

Ion	Ratio	Lower	Upper
266	100		
264	65.0	54.5	81.7
268	62.6	54.3	81.5



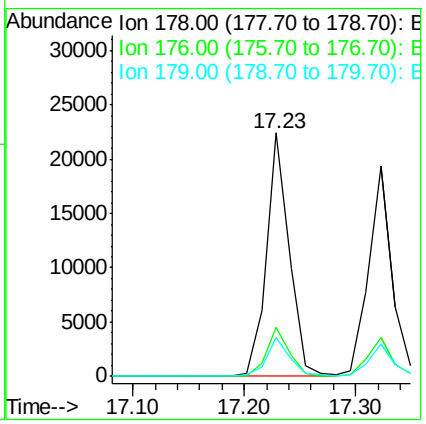


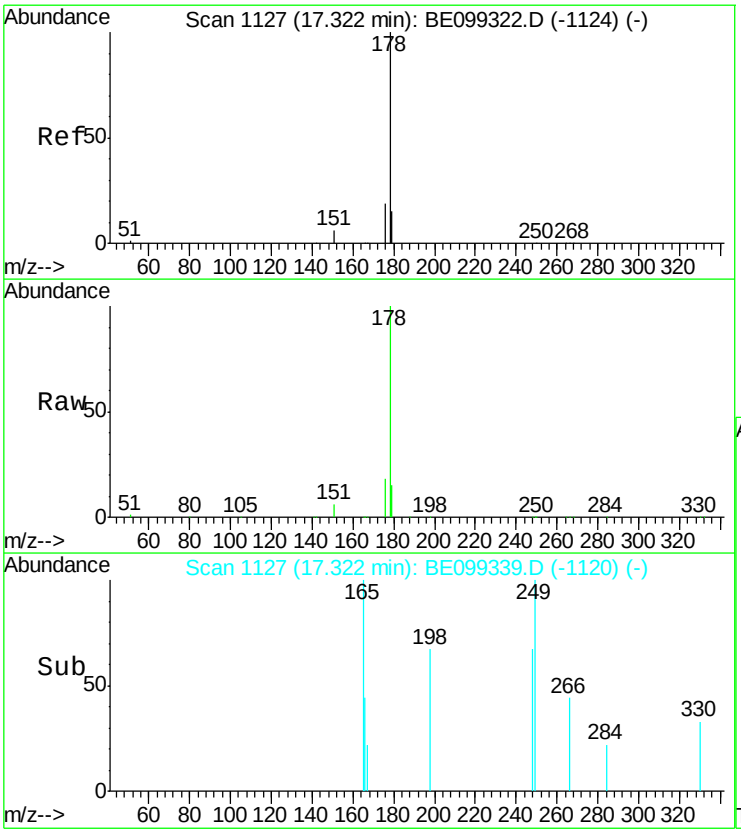
#23
Phenanthrene
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:178 Resp: 31847

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.4	12.4	18.6

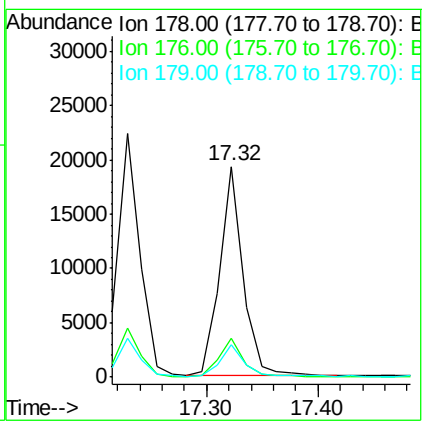


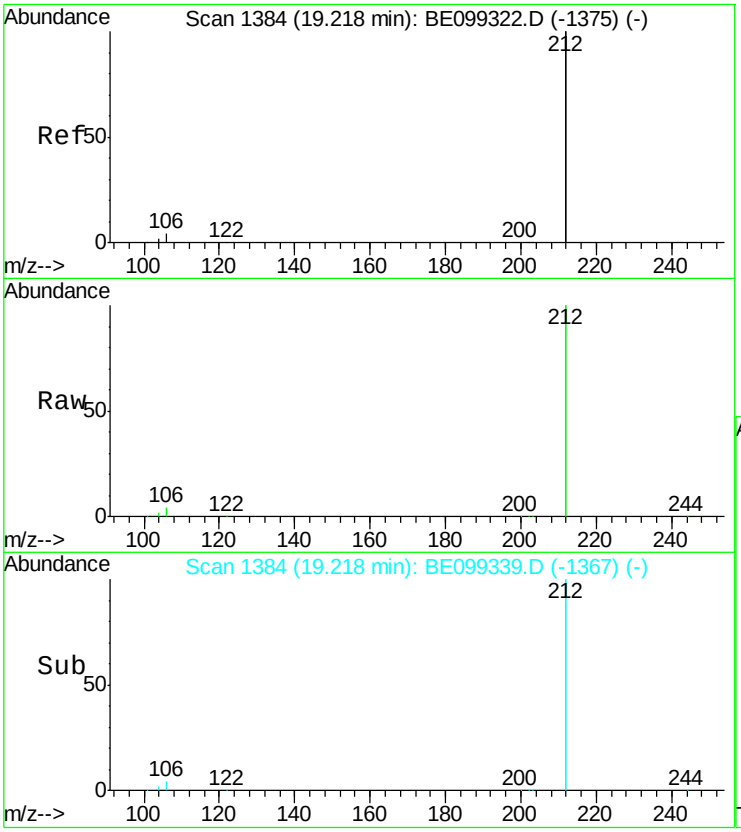


#24
Anthracene
Concen: 0.394 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:178 Resp: 27878

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.3	11.9	17.9



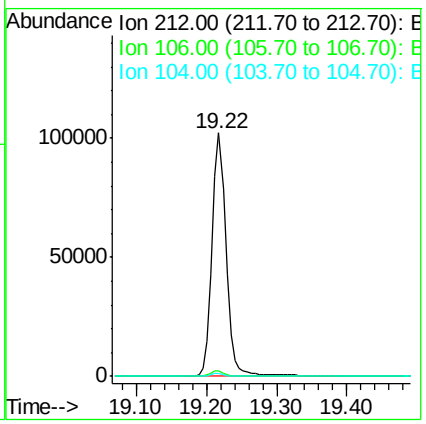


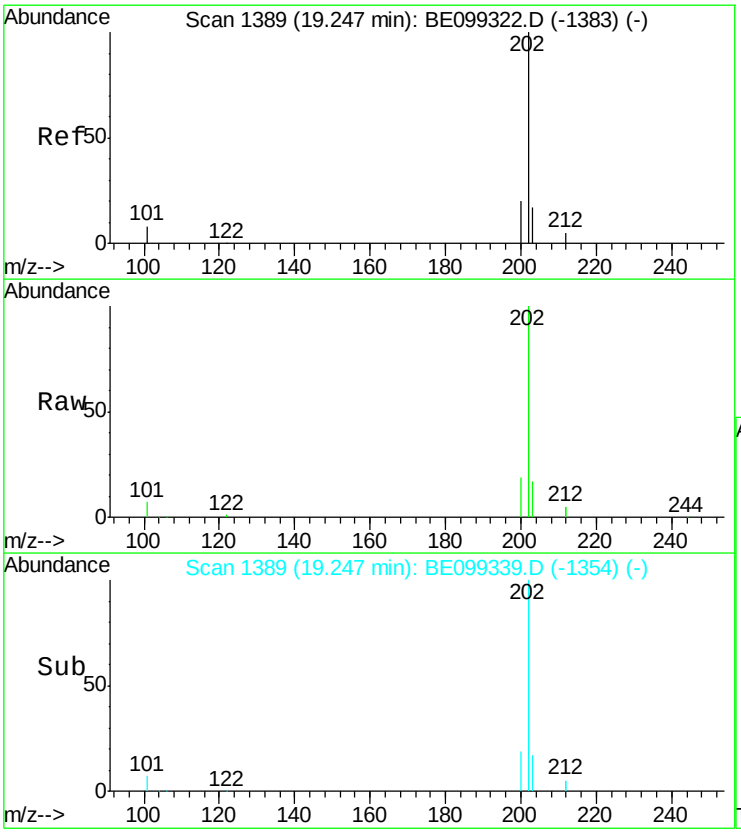
#25
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:212 Resp: 140304

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.6
104	1.2	1.0	1.4

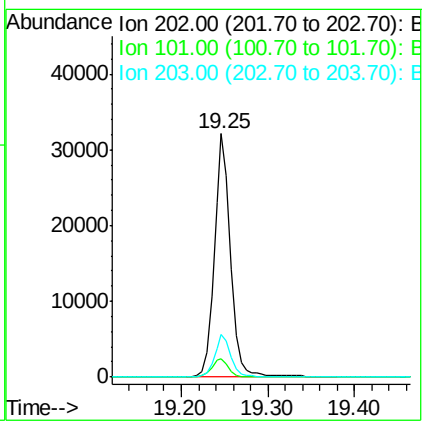


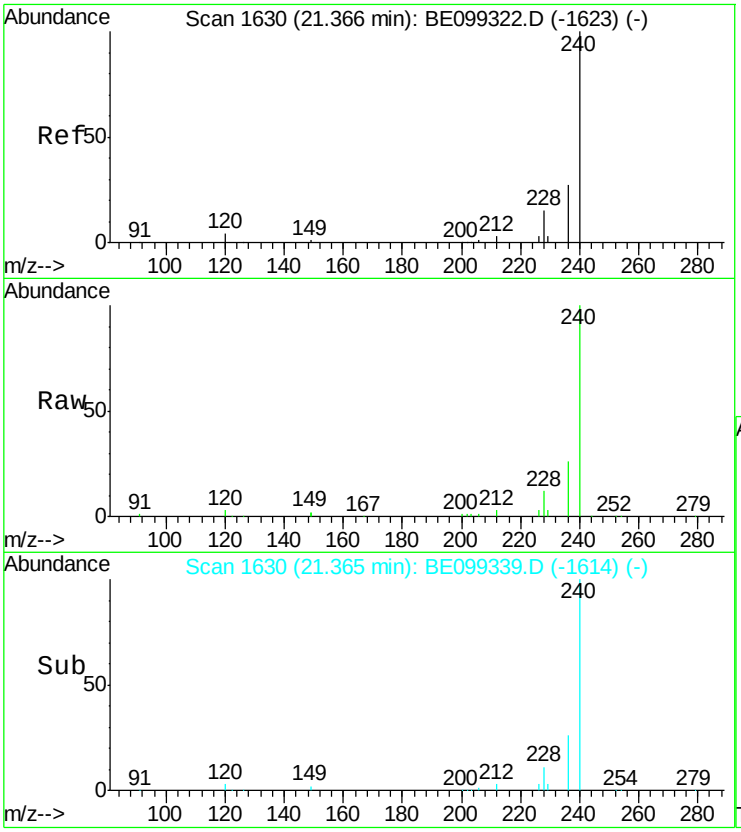


#26
Fluoranthene
Concen: 0.390 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:202 Resp: 41589

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.4	9.6
203	17.1	13.5	20.3



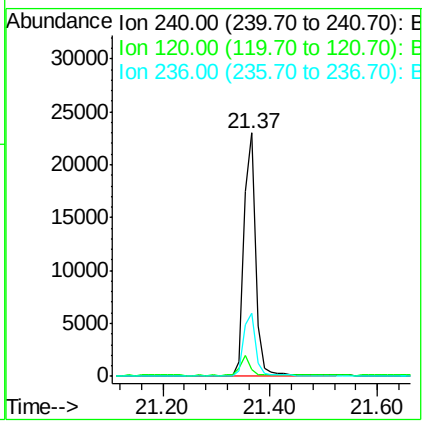


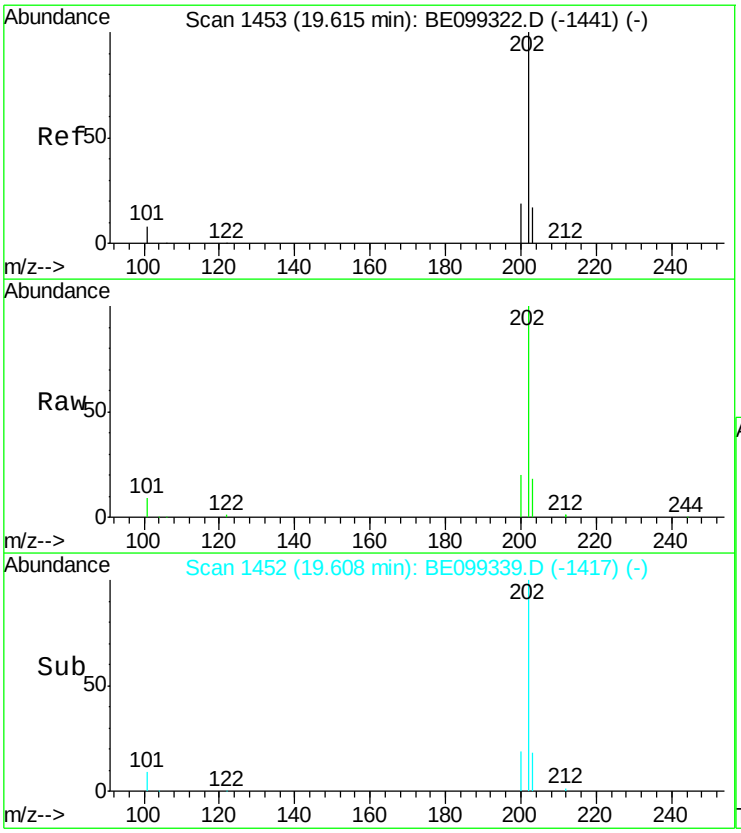
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:240 Resp: 35332

Ion	Ratio	Lower	Upper
240	100		
120	3.1	2.2	3.2
236	26.0	20.2	30.4

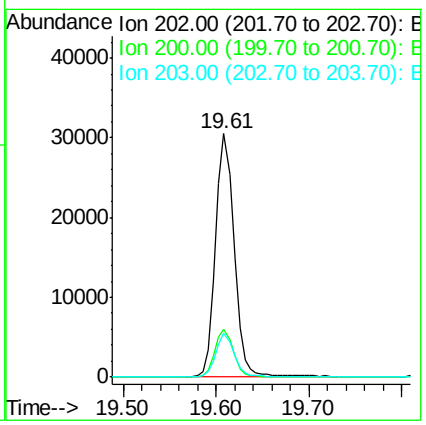


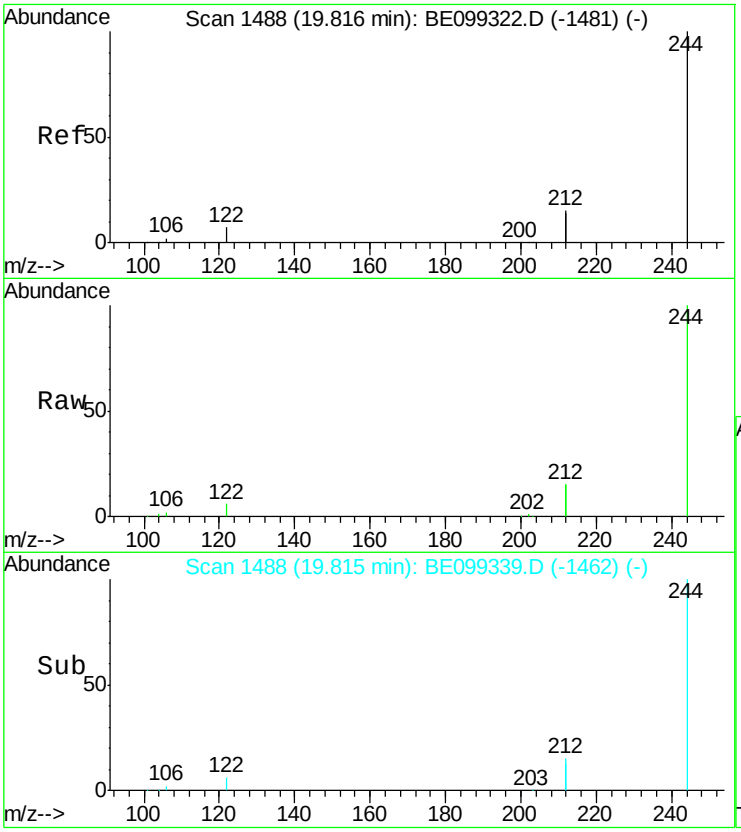


#28
Pyrene
Concen: 0.406 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:202 Resp: 42262

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.7	23.5
203	17.3	13.7	20.5



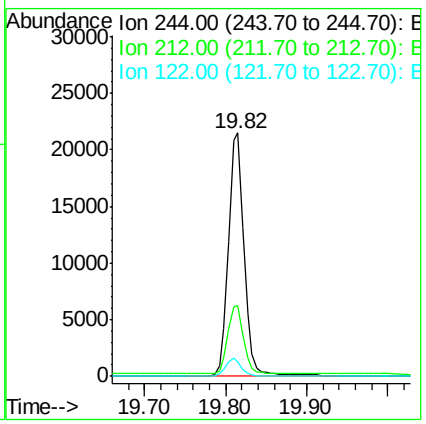


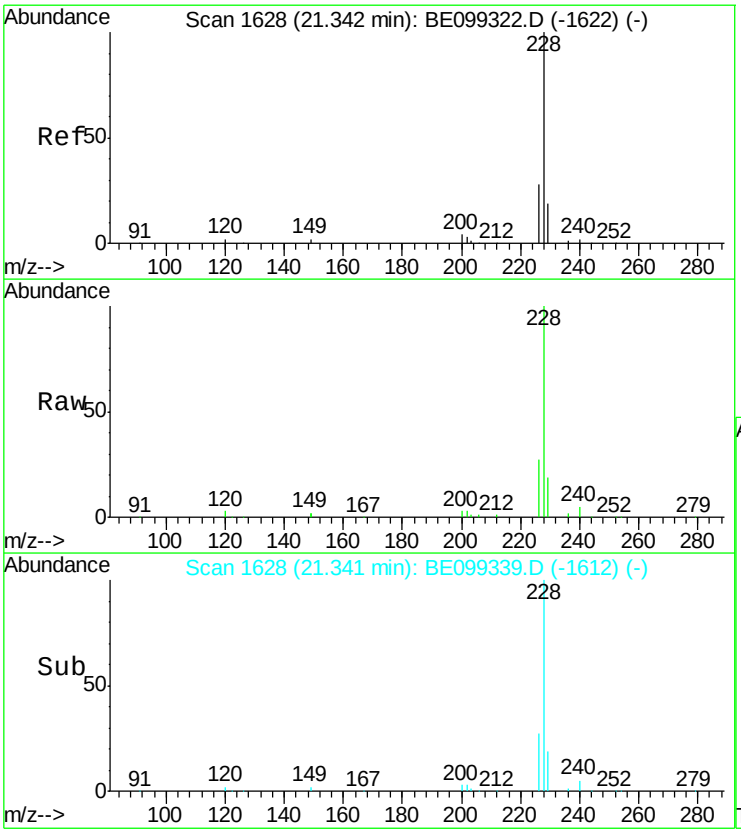
#29
Terphenyl-d14
Concen: 0.408 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:244 Resp: 28407

Ion	Ratio	Lower	Upper
244	100		
212	29.3	22.6	33.8
122	5.9	4.6	7.0

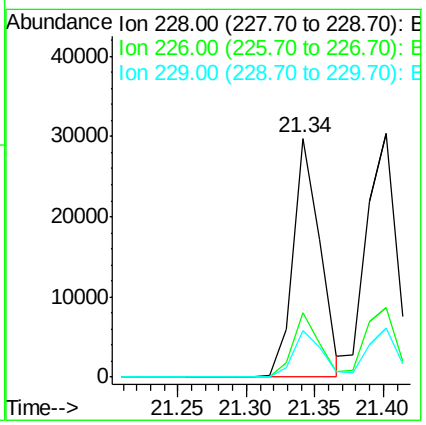


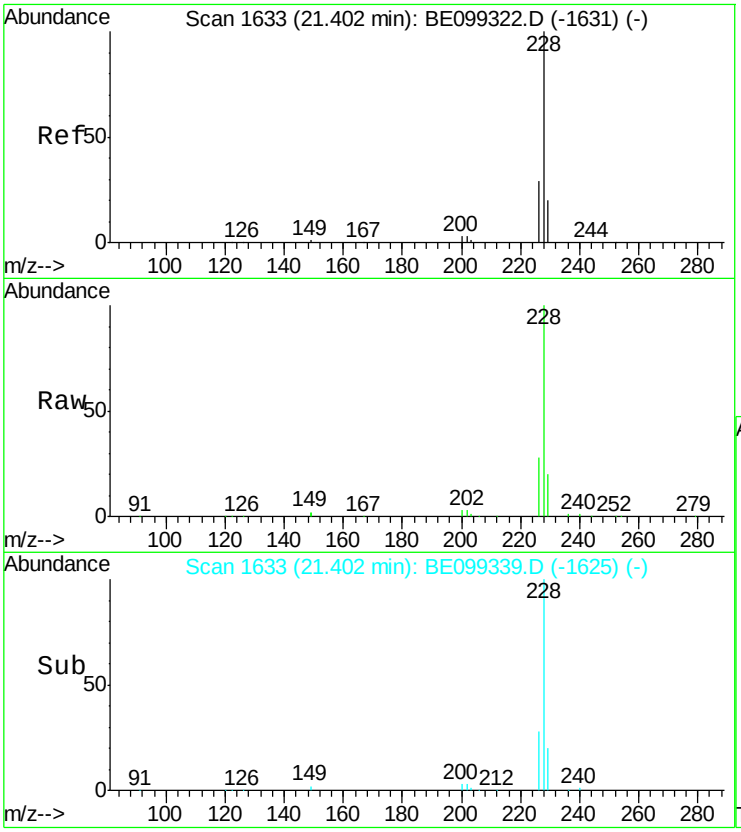


#30
Benzo(a)anthracene
Concen: 0.388 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:228 Resp: 40262

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.0	33.0
229	19.4	15.8	23.8



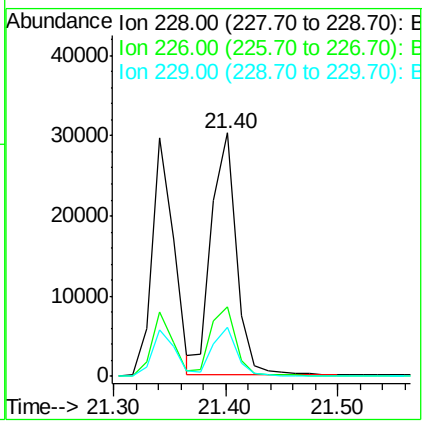


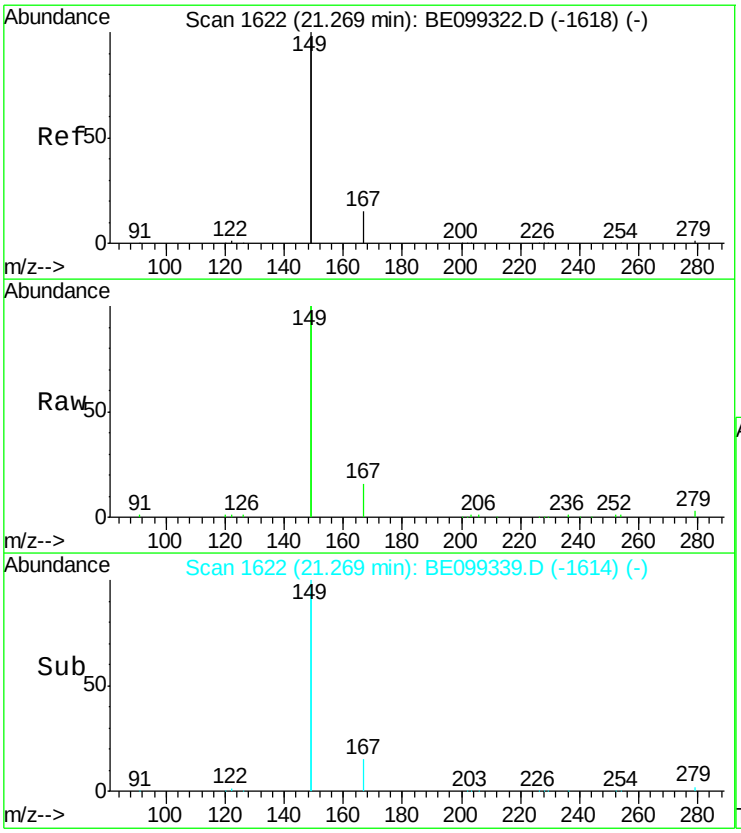
#31
Chrysene
Concen: 0.417 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:228 Resp: 46080

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.2	16.2	24.2

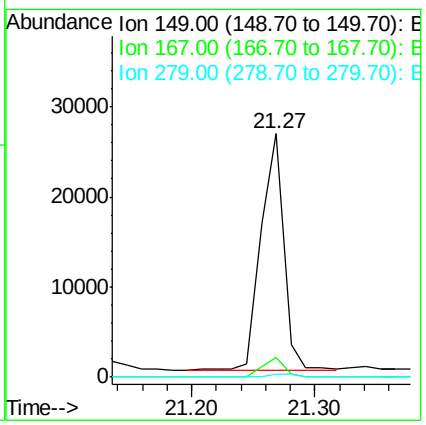


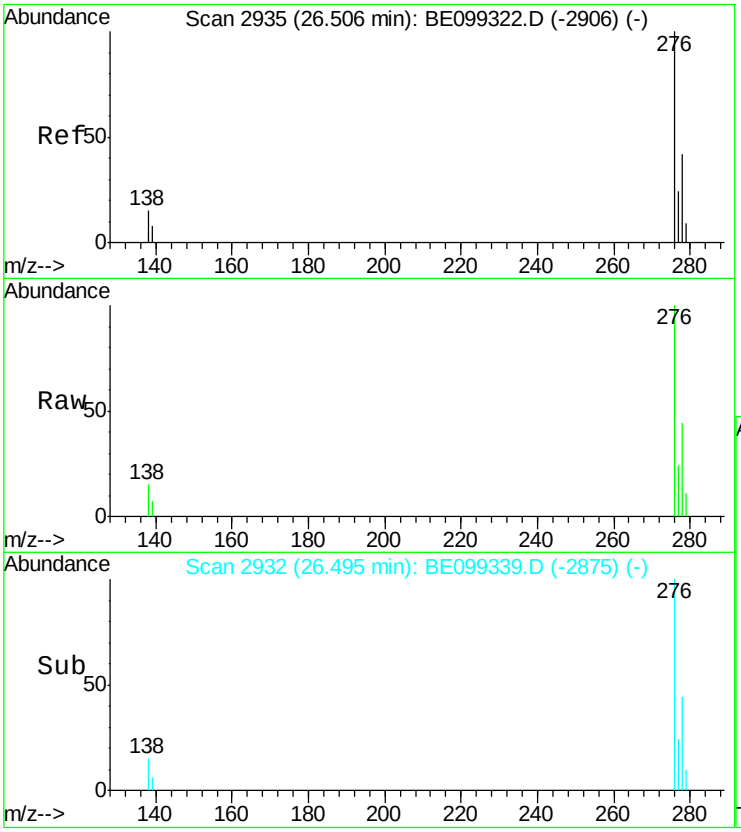


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.357 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:149 Resp: 33767

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.3	1.1	1.7



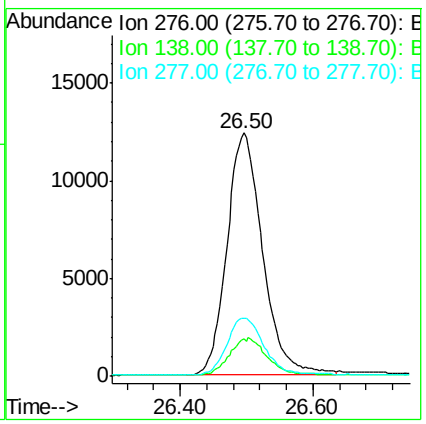


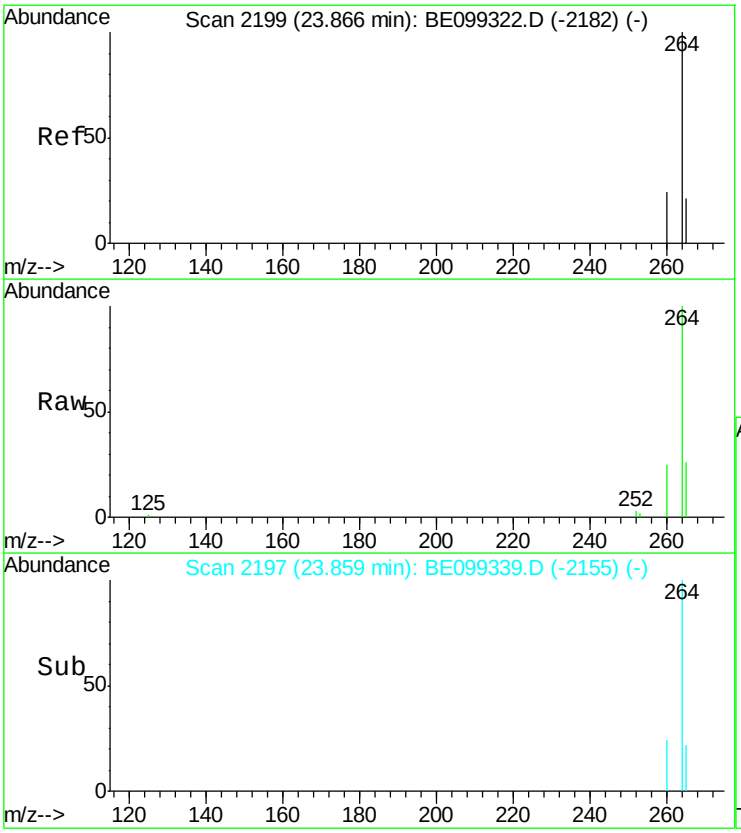
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng
RT: 26.50 min Scan# 2932
Delta R.T. 0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:276 Resp: 46199

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.7	19.1
277	24.2	19.6	29.4

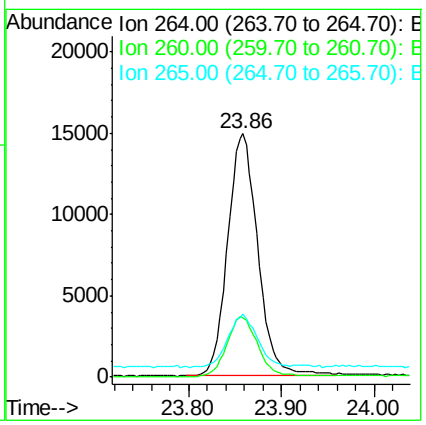


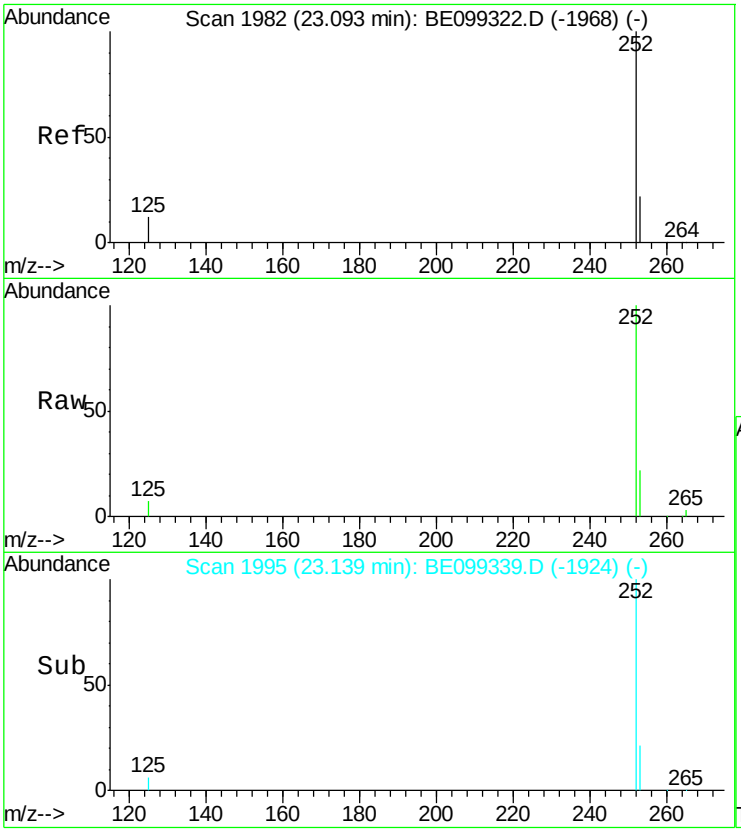


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:264 Resp: 33889

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	26.0	19.9	29.9



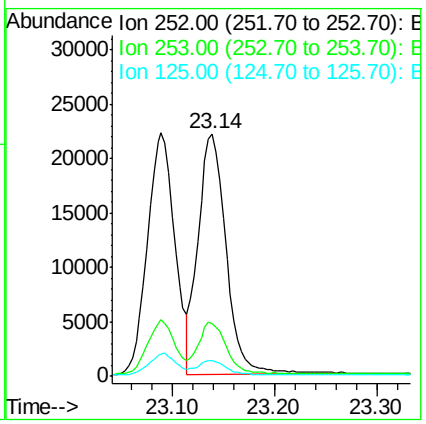


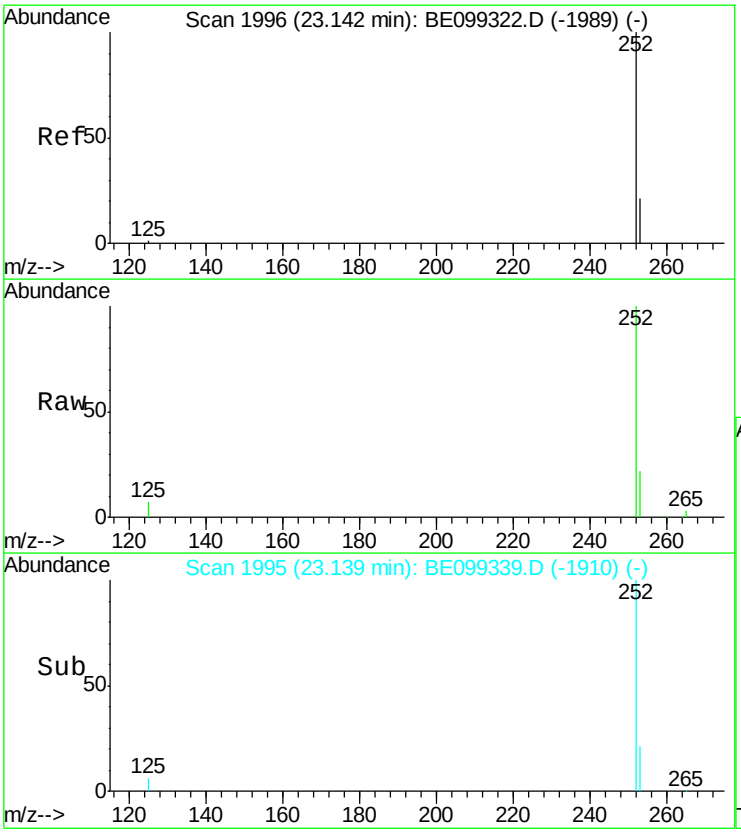
#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.05 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:252 Resp: 41820

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	6.7	5.8	8.6

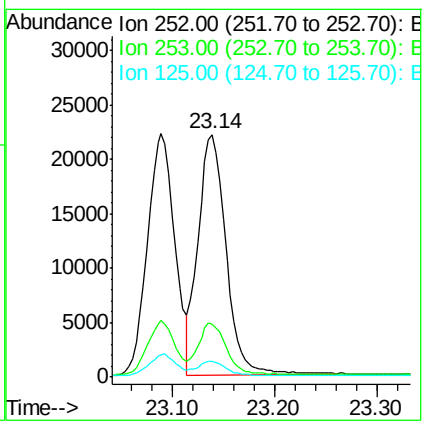


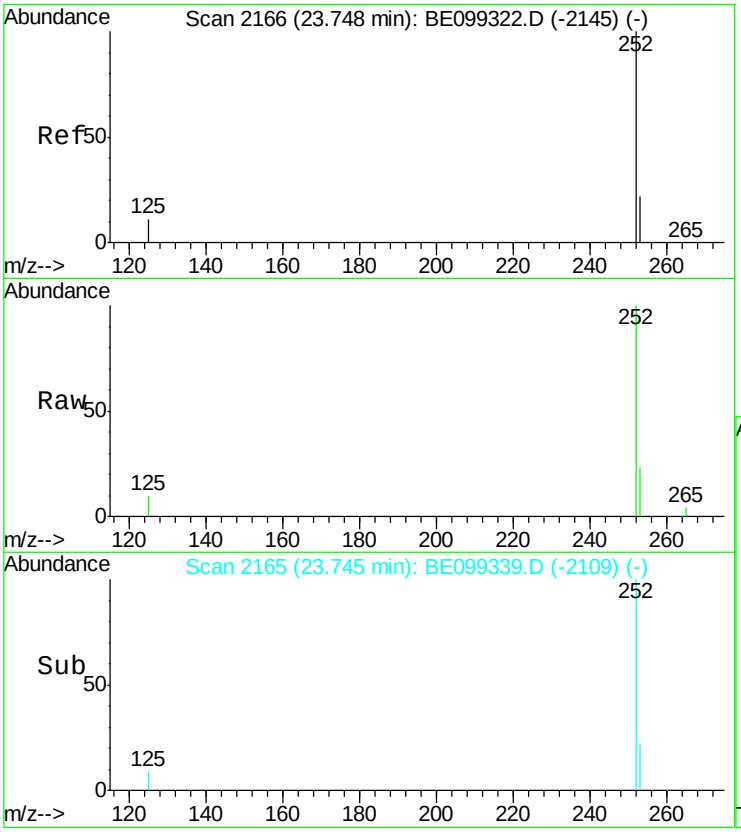


#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:252 Resp: 41820

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	6.7	5.4	8.0



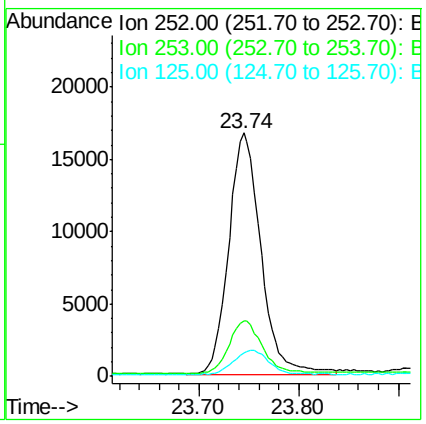


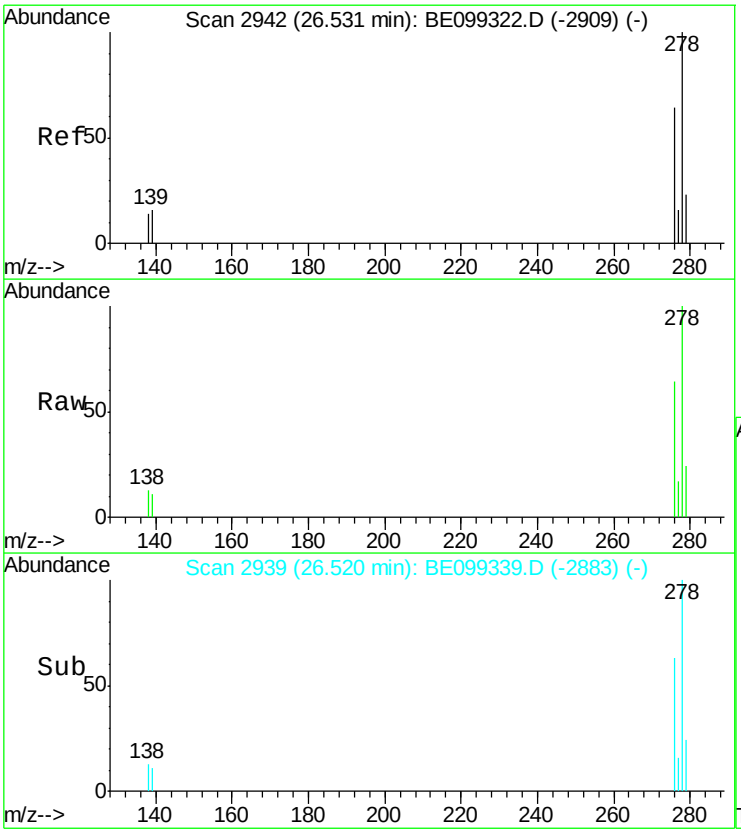
#37
Benzo(a)pyrene
Concen: 0.402 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:252 Resp: 37324

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.6	6.5	9.7

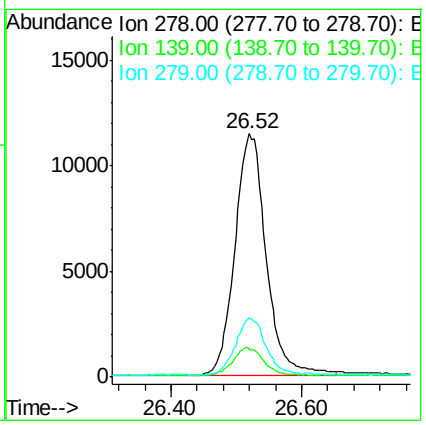


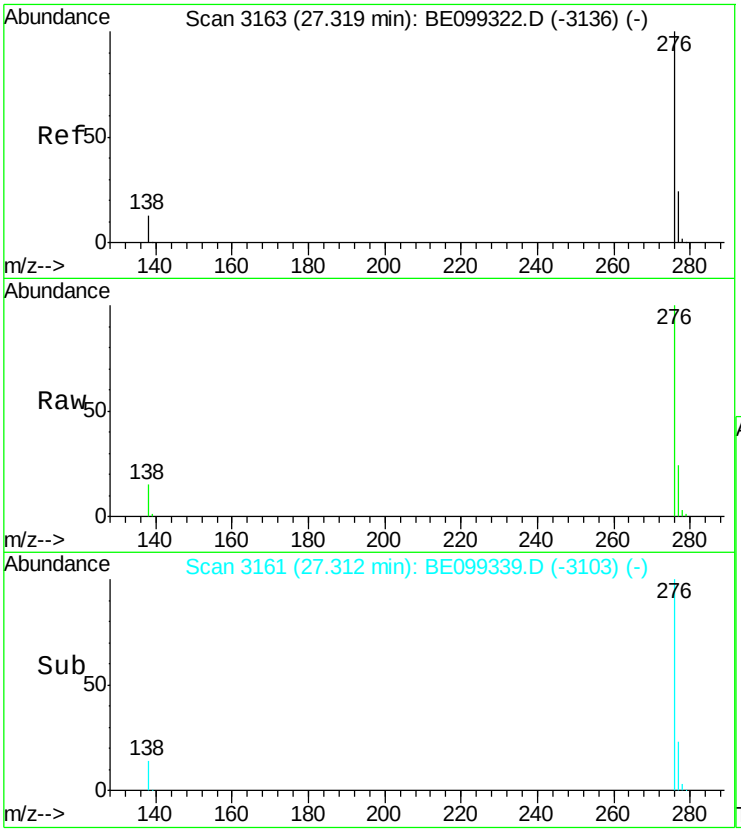


#38
Dibenzo(a,h)anthracene
Concen: 0.402 ng
RT: 26.52 min Scan# 2939
Delta R.T. -0.00 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Tgt Ion:278 Resp: 38220

Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.5	12.7
279	24.3	19.8	29.8





#39
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 27.31 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BE099339.D
Acq: 18 Apr 2019 16:10

Instrument :
BNA_E
ClientSampleId :
PB118927BSD

Tgt Ion:276 Resp: 38432

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.0	30.0
138	14.5	11.1	16.7