Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
Data File : BE099337.D
Acq On : 18 Apr 2019 14:46
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE041819

Quant Time: Apr 19 07:02:03 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	4031	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	15264	0.40	ng		0.01
13) Acenaphthene-d10	14.46	164	10503	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	32238	0.40	ng		0.00
27) Chrysene-d12	21.37	240	36041	0.40	ng		0.00
34) Perylene-d12	23.86	264	33693	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3982	0.40	ng		0.00
5) Phenol-d6	6.97	99	5664	0.40	ng		0.00
8) Nitrobenzene-d5	8.96	82	4907	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	10937	0.41	ng		0.01
14) 2,4,6-Tribromophenol	15.94	330	1447	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	17101	0.41	ng		0.00
25) Fluoranthene-d10	19.22	212	147855	0.38	ng		0.00
29) Terphenyl-d14	19.82	244	29128	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	2276	0.403	ng		98
3) n-Nitrosodimethylamine	3.65	42	1230	0.405	ng	#	86
6) bis(2-Chloroethyl)ether	7.24	93	5294	0.404	ng		96
9) Naphthalene	10.65	128	68085	0.409	ng		99
10) Hexachlorobutadiene	10.94	225	4334	0.410	ng		96
12) 2-Methylnaphthalene	12.28	142	11603	0.409	ng		97
16) Acenaphthylene	14.18	152	18819	0.396	ng		99
17) Acenaphthene	14.53	154	12120	0.414	ng		98
18) Fluorene	15.49	166	17194	0.409	ng		99
20) 4-Bromophenyl-phenylether	16.39	248	6892	0.386	ng	#	94
21) Hexachlorobenzene	16.49	284	6822	0.397	ng		98
22) Pentachlorophenol	16.84	266	1580	0.448	ng		97
23) Phenanthrene	17.23	178	34647	0.406	ng		100
24) Anthracene	17.32	178	30338	0.400	ng		99
26) Fluoranthene	19.25	202	44028	0.385	ng		100
28) Pyrene	19.61	202	44054	0.415	ng		100
30) Benzo(a)anthracene	21.34	228	43576	0.411	ng		99
31) Chrysene	21.40	228	46057	0.408	ng		100
32) Bis(2-ethylhexyl)phthalate	21.27	149	34874	0.362	ng		100
33) Indeno(1,2,3-cd)pyrene	26.50	276	46552	0.418	ng		100
35) Benzo(b)fluoranthene	23.09	252	42214	0.409	ng		99
36) Benzo(k)fluoranthene	23.14	252	41136	0.400	ng		99
37) Benzo(a)pyrene	23.75	252	36515	0.395	ng		99
38) Dibenzo(a,h)anthracene	26.52	278	38344	0.406	ng		99
39) Benzo(g,h,i)perylene	27.31	276	38766	0.405	ng		99

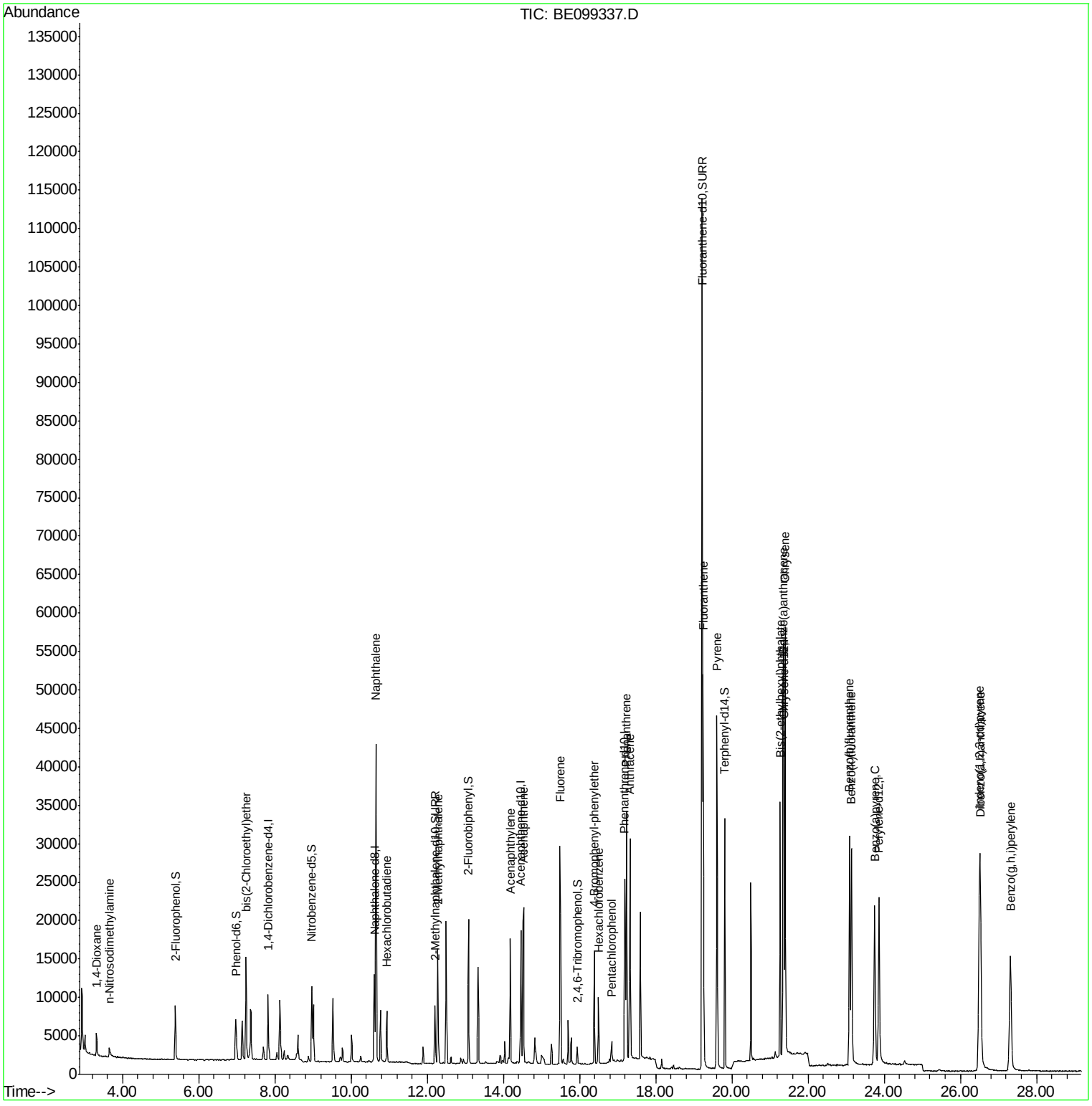
(#) = qualifier out of range (m) = manual integration (+) = signals summed

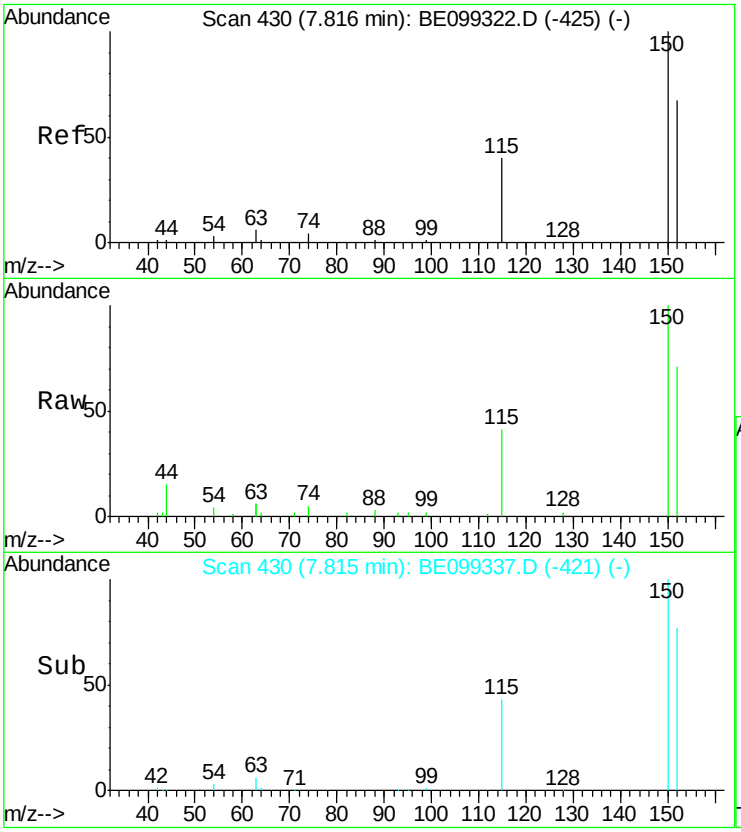
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
Data File : BE099337.D
Acq On : 18 Apr 2019 14:46
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Quant Time: Apr 19 07:02:03 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



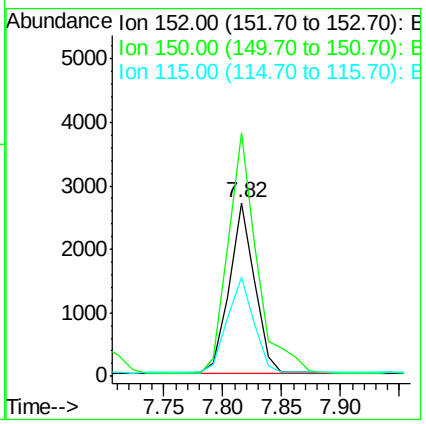


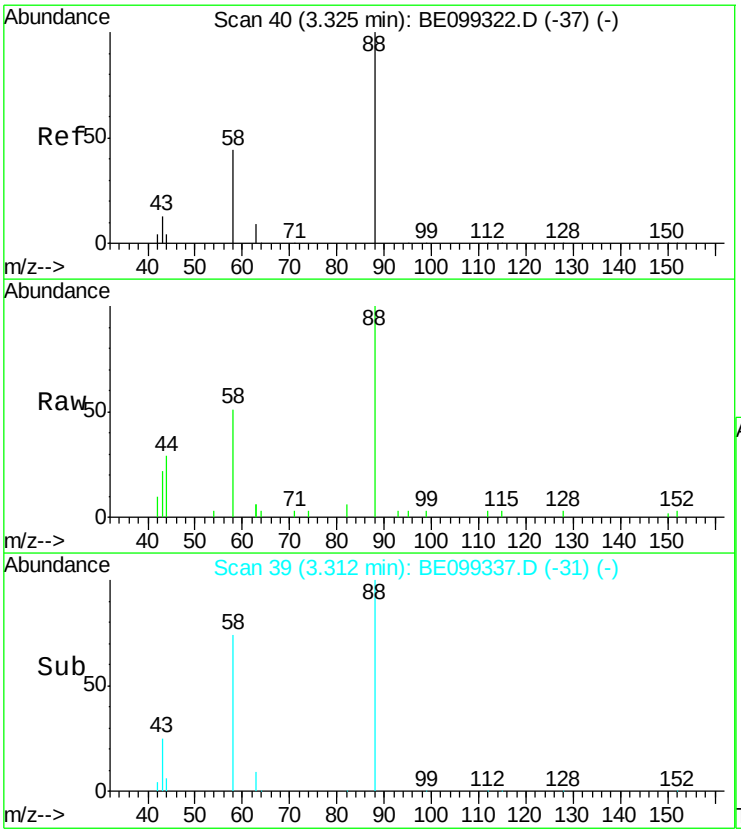
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:152 Resp: 4031

Ion	Ratio	Lower	Upper
152	100		
150	140.5	119.5	179.3
115	57.4	47.5	71.3

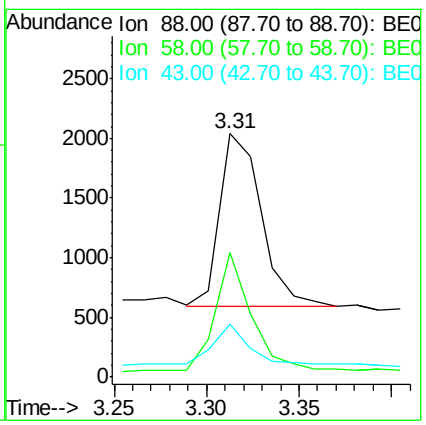


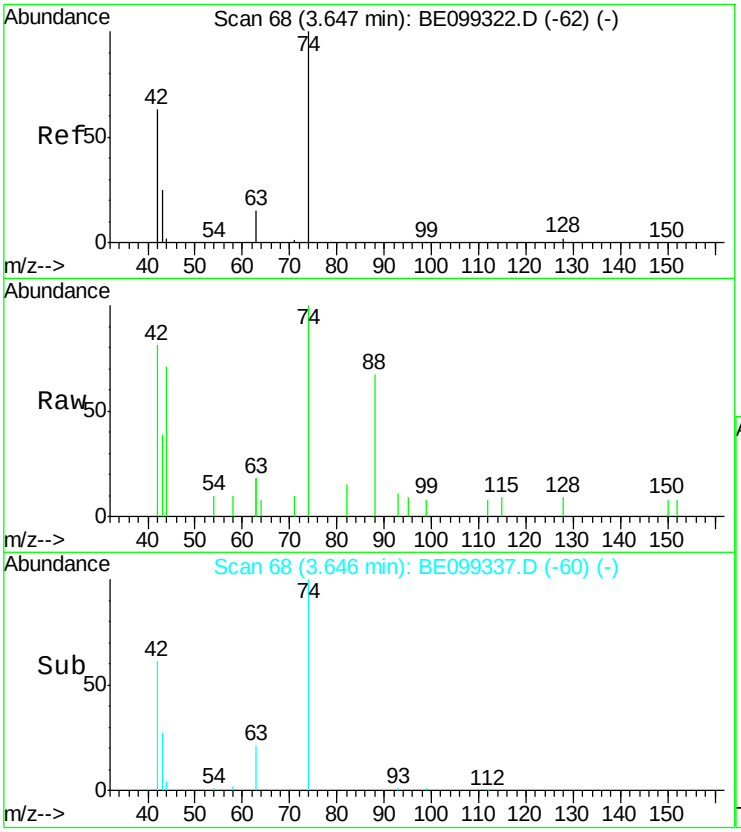


#2
1,4-Dioxane
Concen: 0.403 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.01 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion: 88 Resp: 2276

Ion	Ratio	Lower	Upper
88	100		
58	59.9	49.1	73.7
43	23.8	17.9	26.9



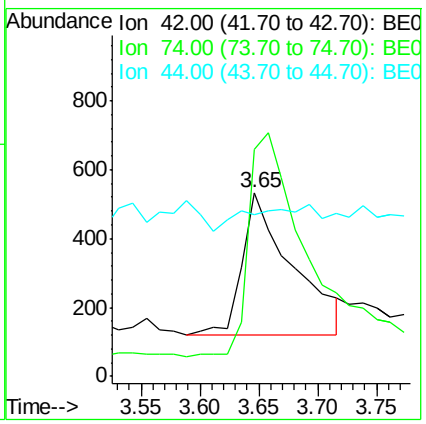


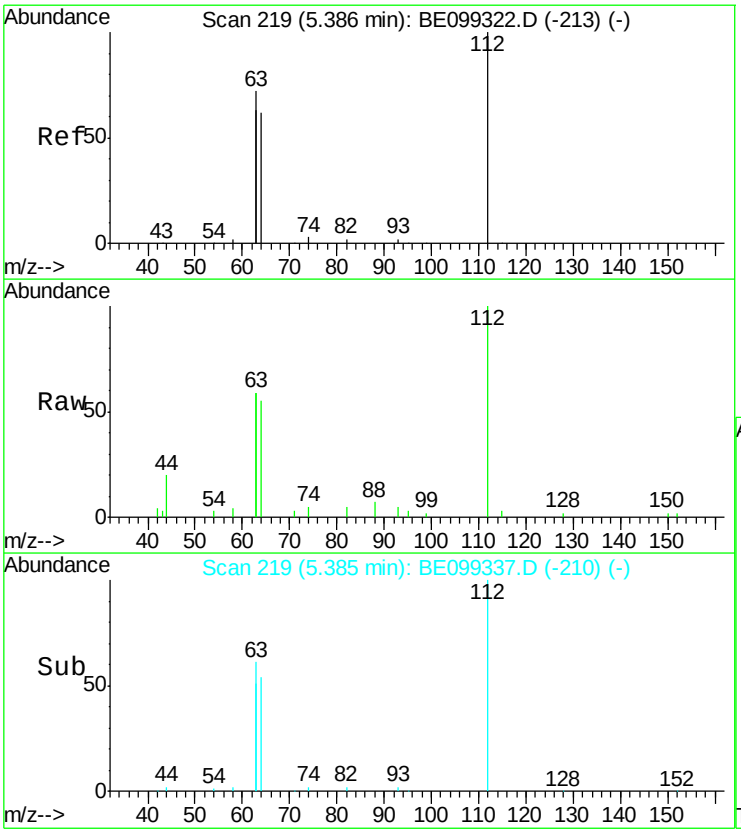
#3
n-Nitrosodimethylamine
Concen: 0.405 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion: 42 Resp: 1230

Ion	Ratio	Lower	Upper
42	100		
74	163.8	145.8	218.8
44	0.0	9.0	13.4#

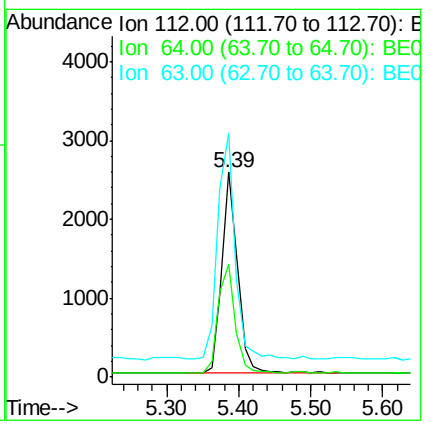


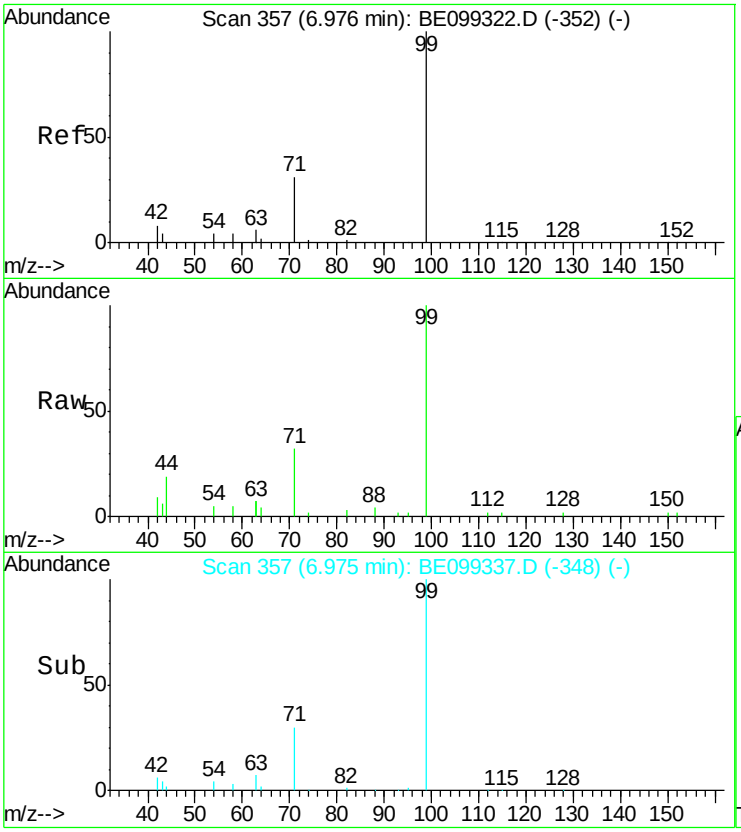


#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:112 Resp: 3982

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.9	67.3
63	117.8	97.4	146.0



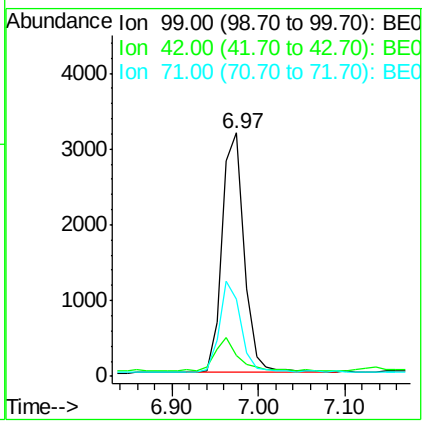


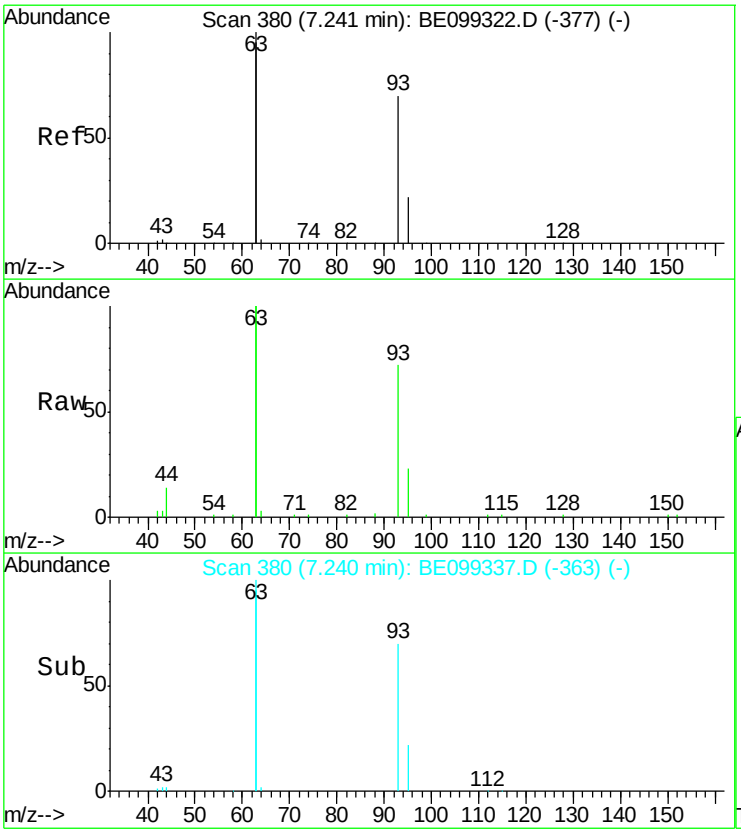
#5
Phenol-d6
Concen: 0.403 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion: 99 Resp: 5664

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.7	17.5
71	37.1	29.6	44.4

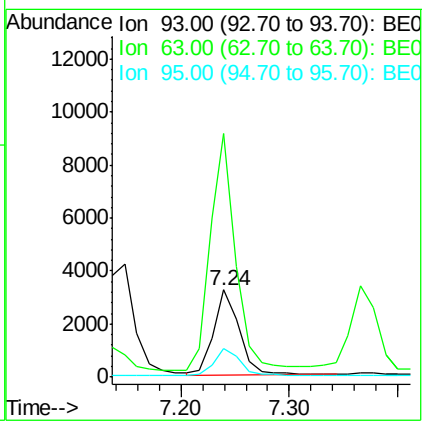


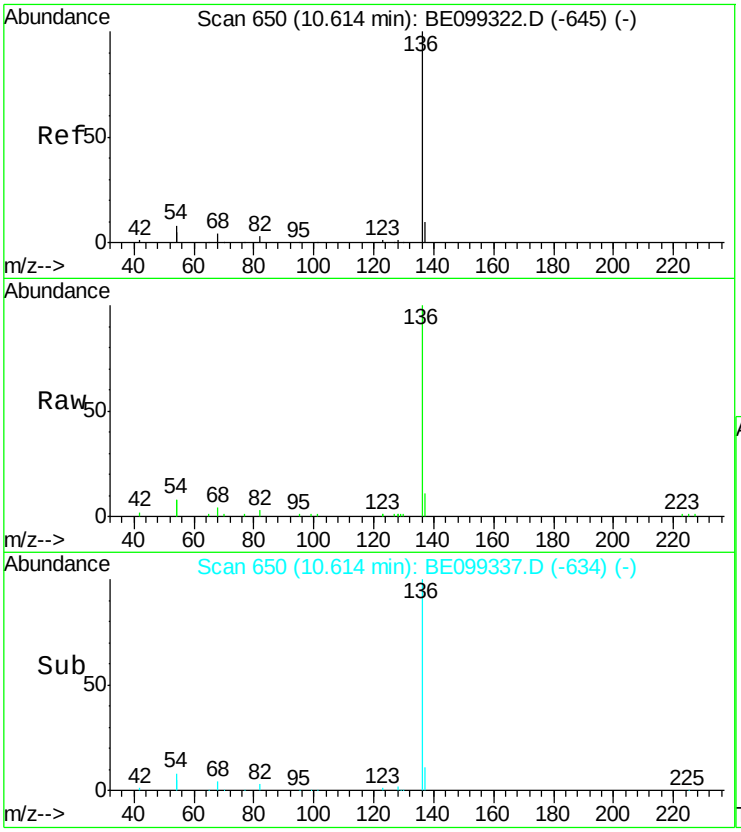


#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion: 93 Resp: 5294

Ion	Ratio	Lower	Upper
93	100		
63	278.4	216.6	324.8
95	32.4	25.8	38.6



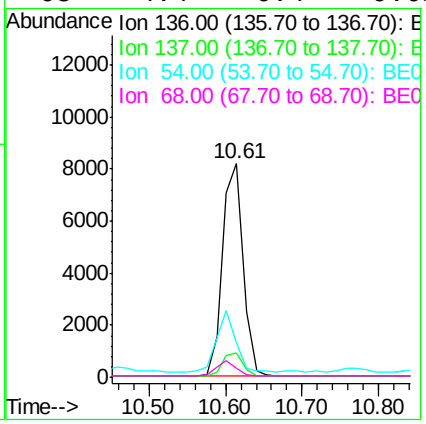


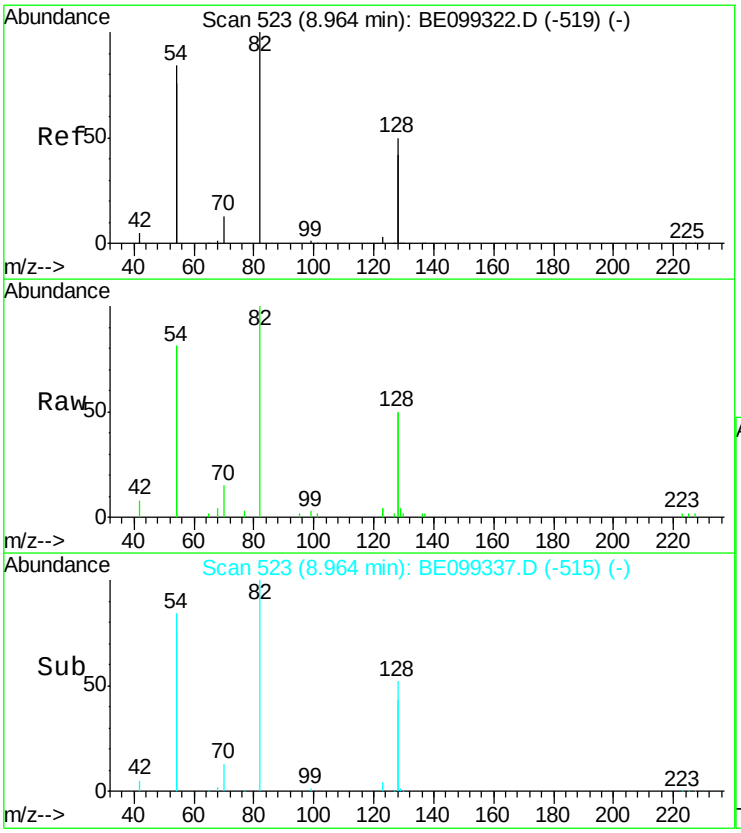
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:136 Resp: 15264

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	16.1	23.8	35.8#
68	4.4	6.4	9.6#

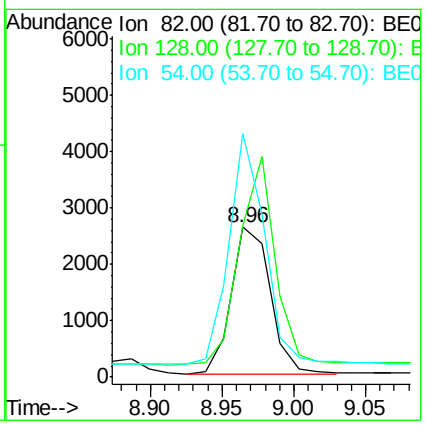


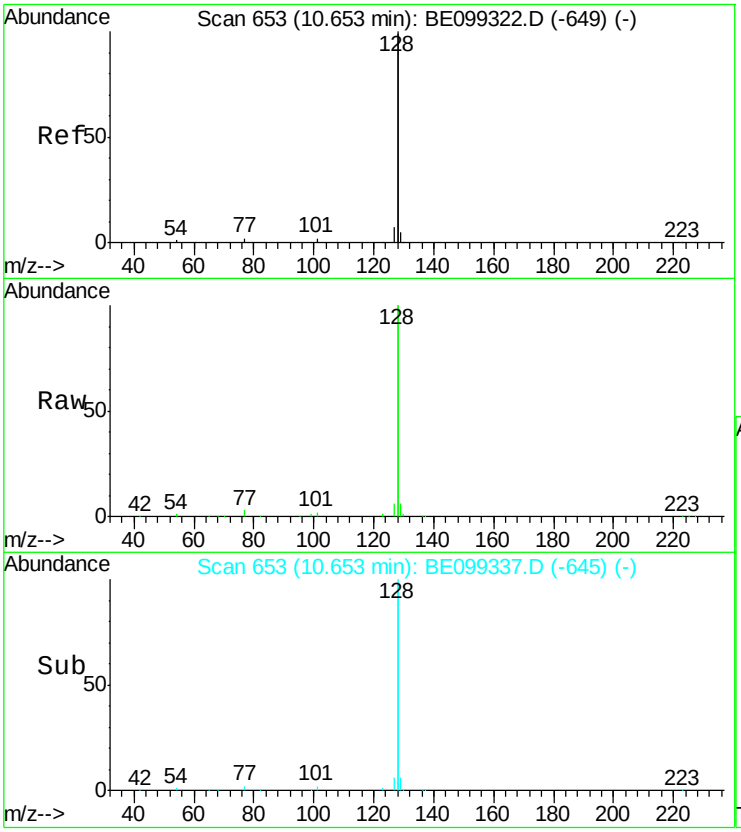


#8
Nitrobenzene-d5
Concen: 0.414 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion: 82 Resp: 4907

Ion	Ratio	Lower	Upper
82	100		
128	100.8	91.7	137.5
54	162.2	122.8	184.2



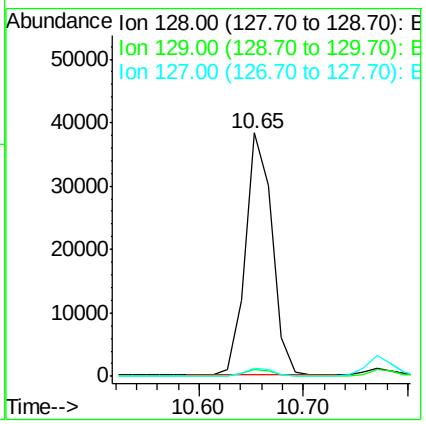


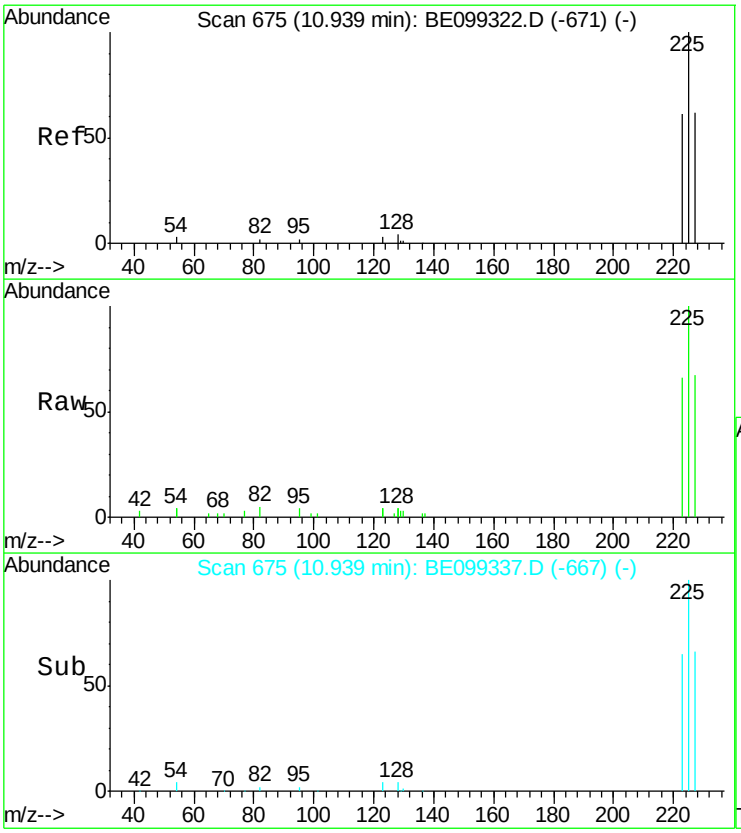
#9
Naphthalene
Concen: 0.409 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:128 Resp: 68085

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.2	2.8	4.2

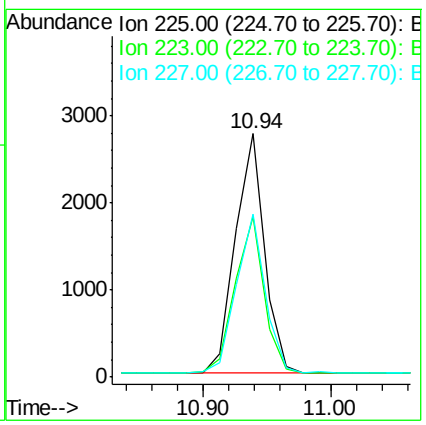


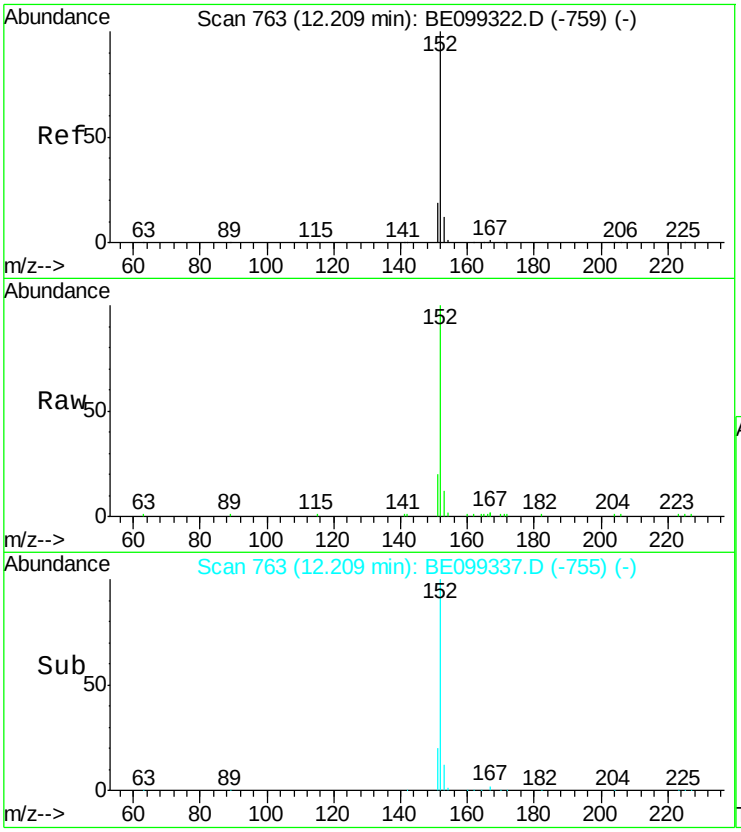


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:225 Resp: 4334

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.3	75.5
227	65.9	49.4	74.0



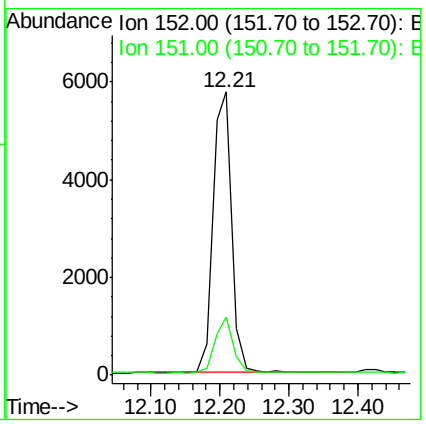


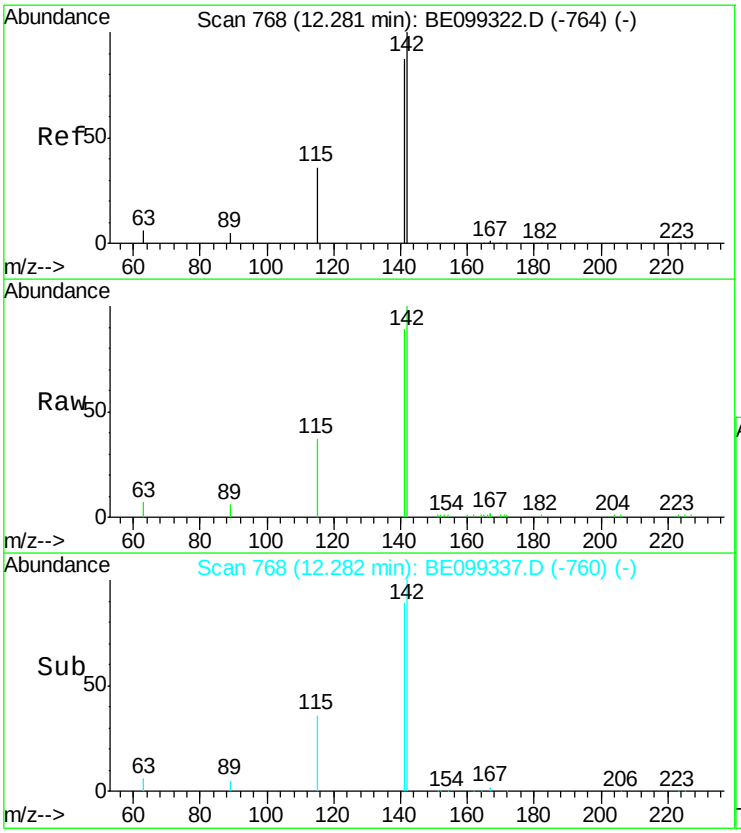
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:152 Resp: 10937

Ion	Ratio	Lower	Upper
152	100		
151	19.2	14.9	22.3

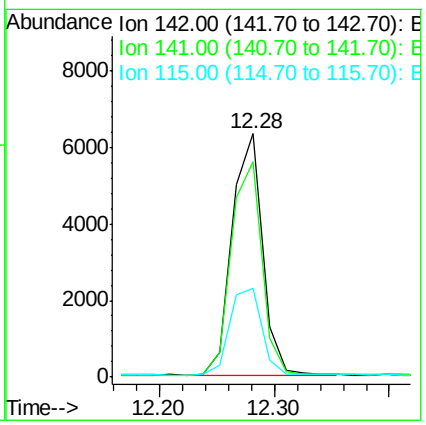


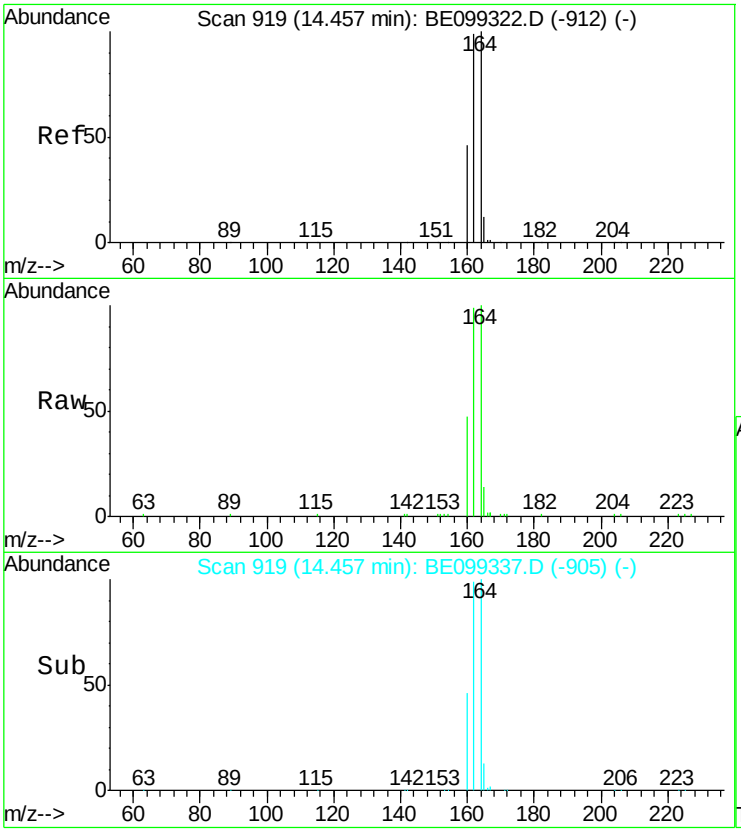


#12
2-Methylnaphthalene
Concen: 0.409 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:142 Resp: 11603

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.0	108.0
115	36.7	33.4	50.0



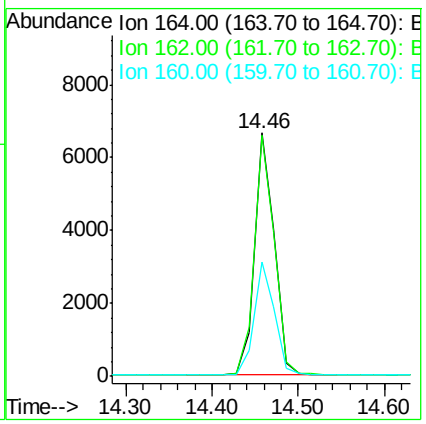


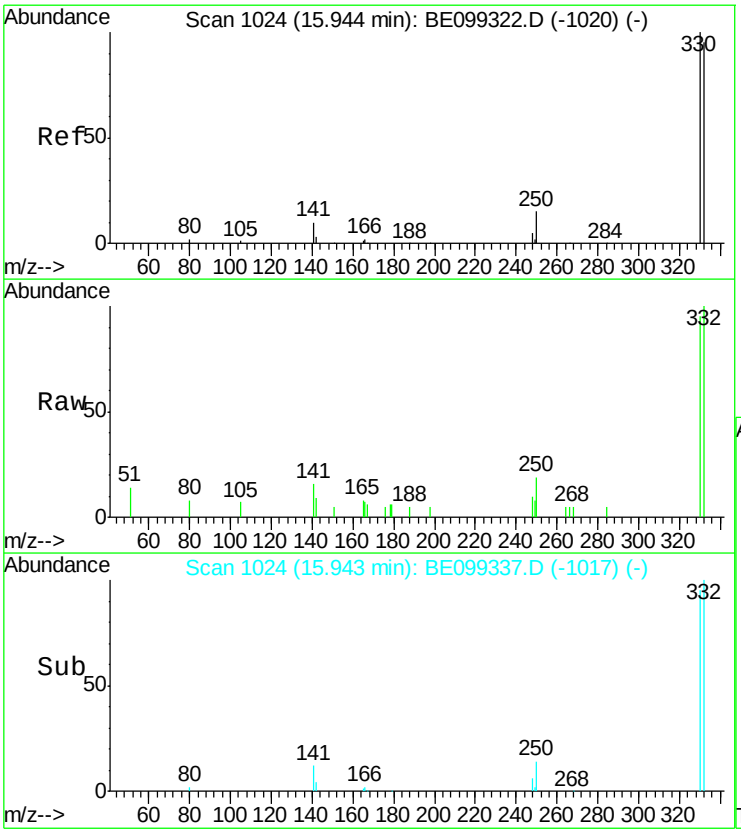
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:164 Resp: 10503

Ion	Ratio	Lower	Upper
164	100		
162	98.9	77.8	116.6
160	46.8	37.1	55.7

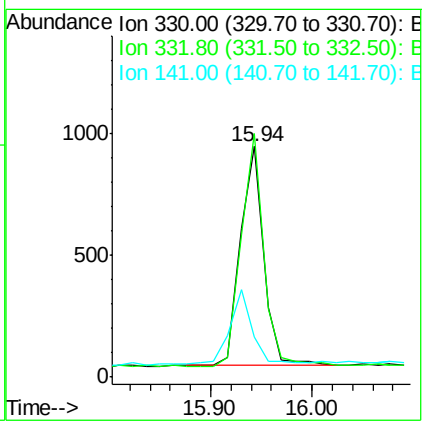


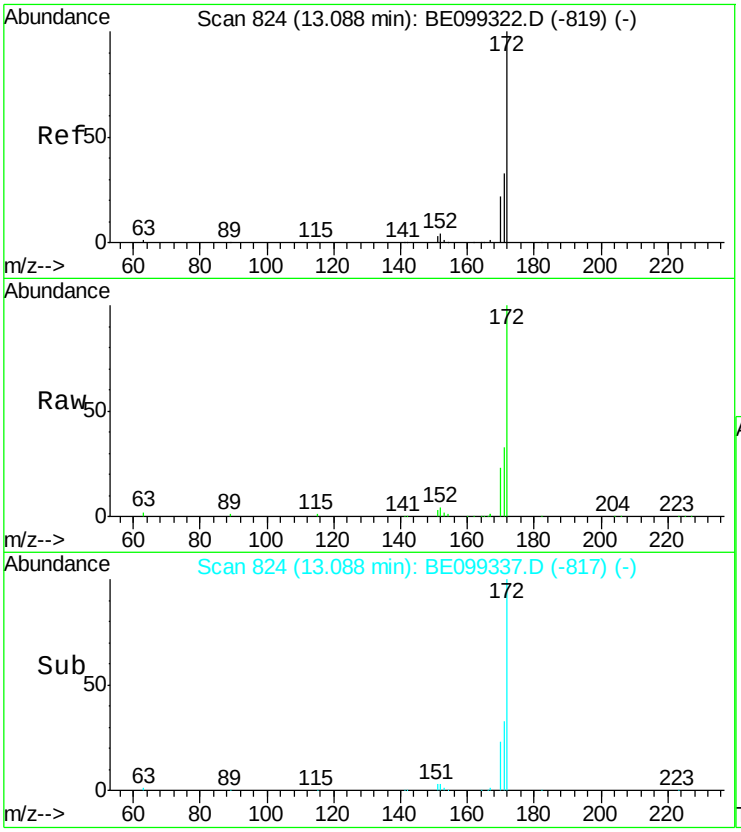


#14
2,4,6-Tribromophenol
Concen: 0.415 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:330 Resp: 1447

Ion	Ratio	Lower	Upper
330	100		
332	103.2	82.5	123.7
141	32.2	24.9	37.3



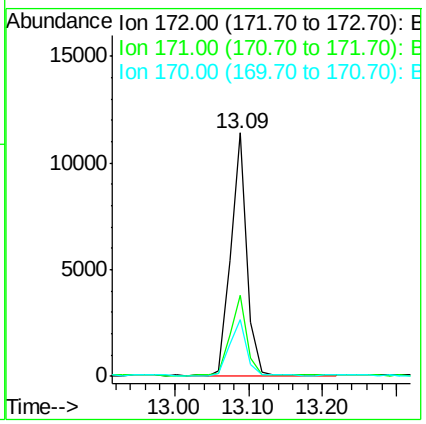


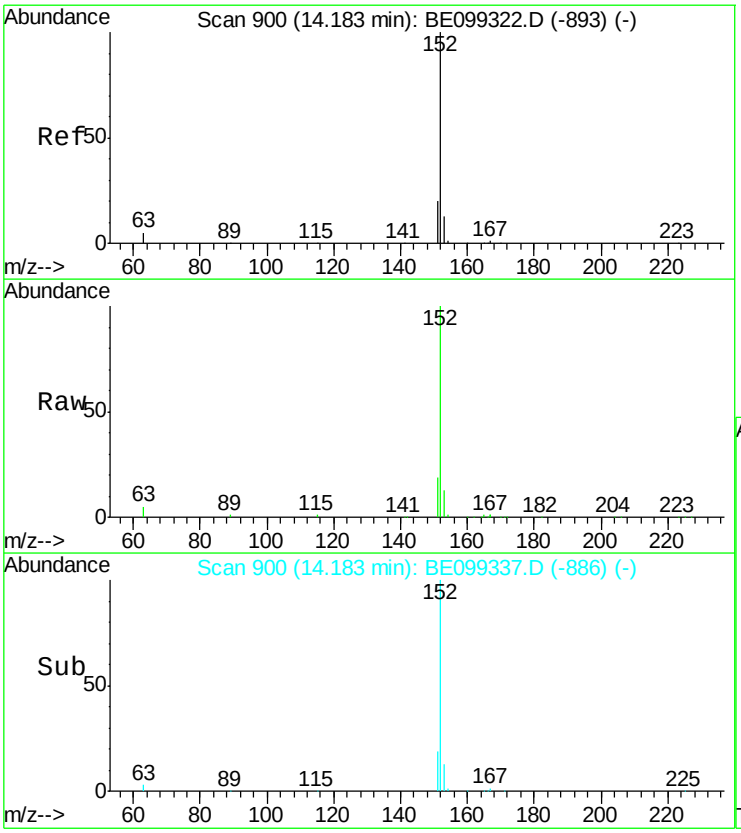
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:172 Resp: 17101

Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.2	39.2
170	23.1	18.1	27.1

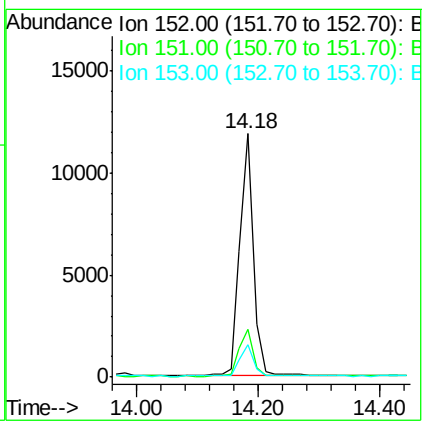


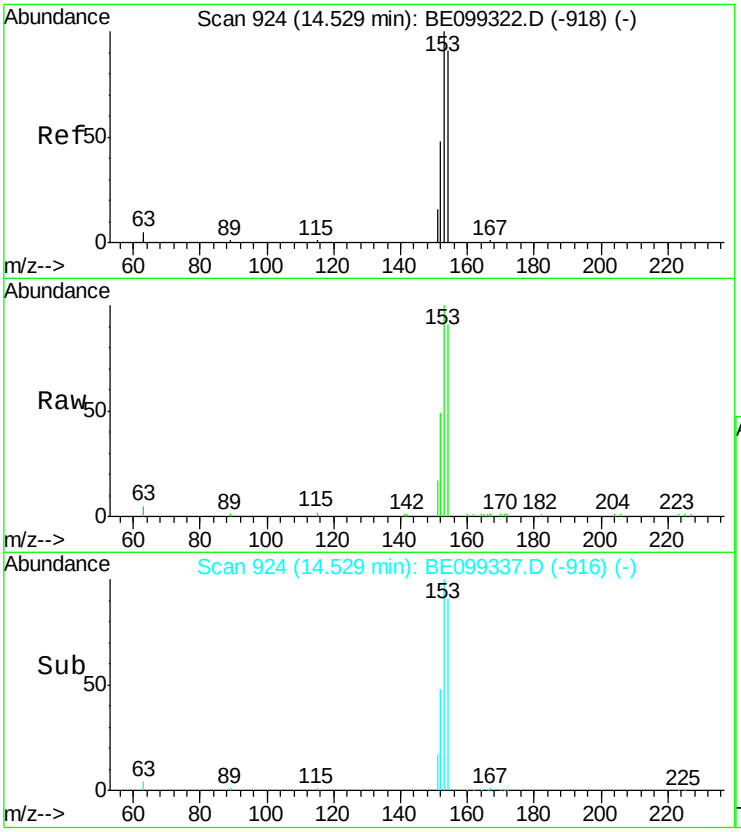


#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:152 Resp: 18819

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.3	10.2	15.4



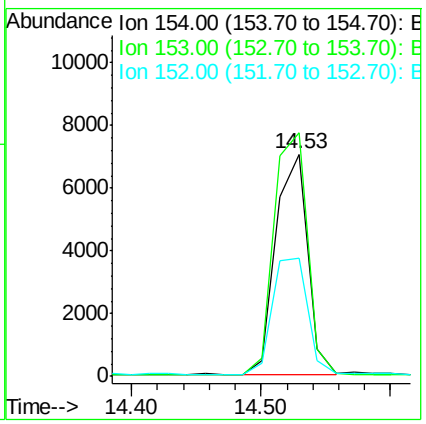


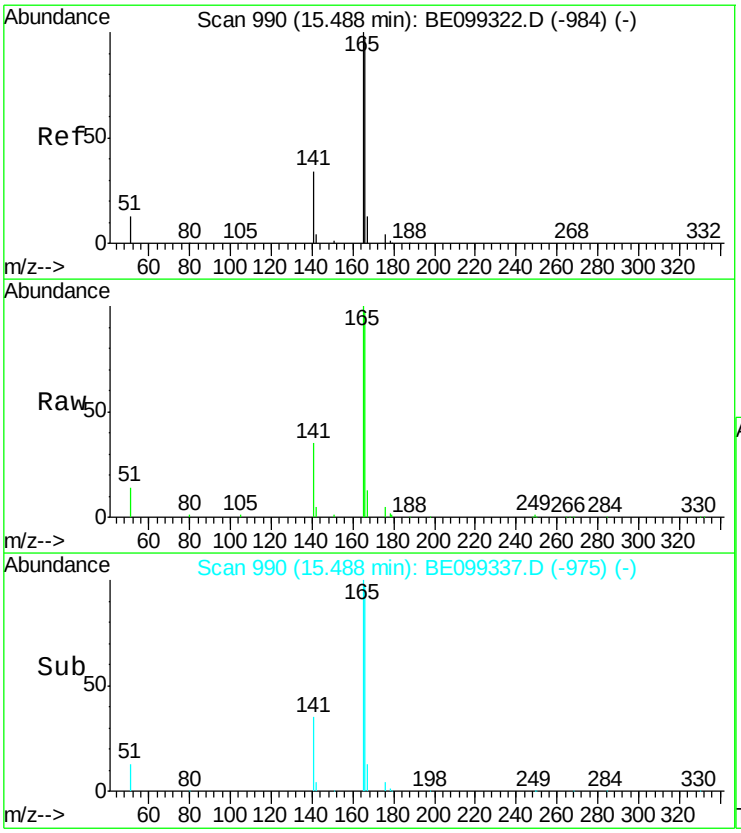
#17
Acenaphthene
Concen: 0.414 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:154 Resp: 12120

Ion	Ratio	Lower	Upper
154	100		
153	114.7	94.7	142.1
152	58.0	46.4	69.6

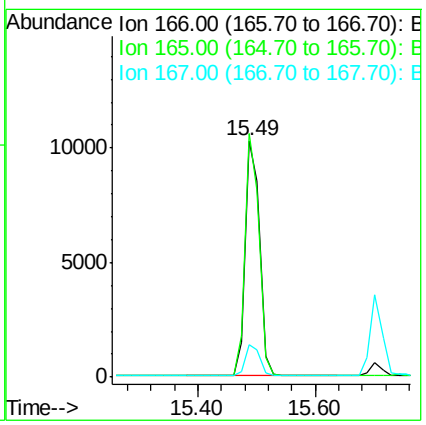


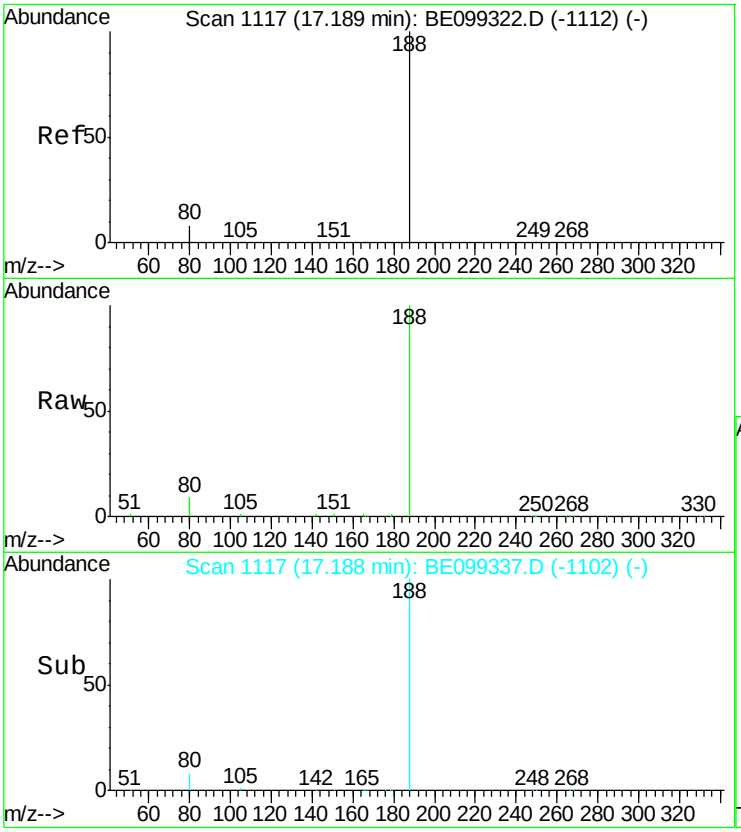


#18
Fluorene
Concen: 0.409 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:166 Resp: 17194

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.7	119.5
167	13.4	11.0	16.4



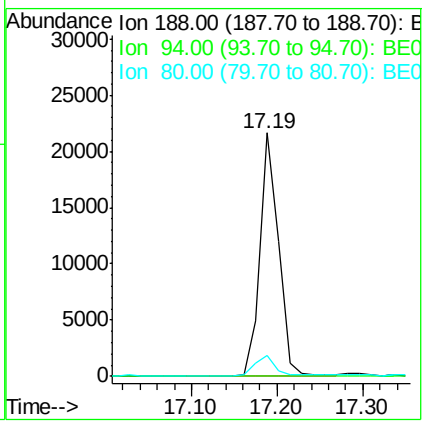


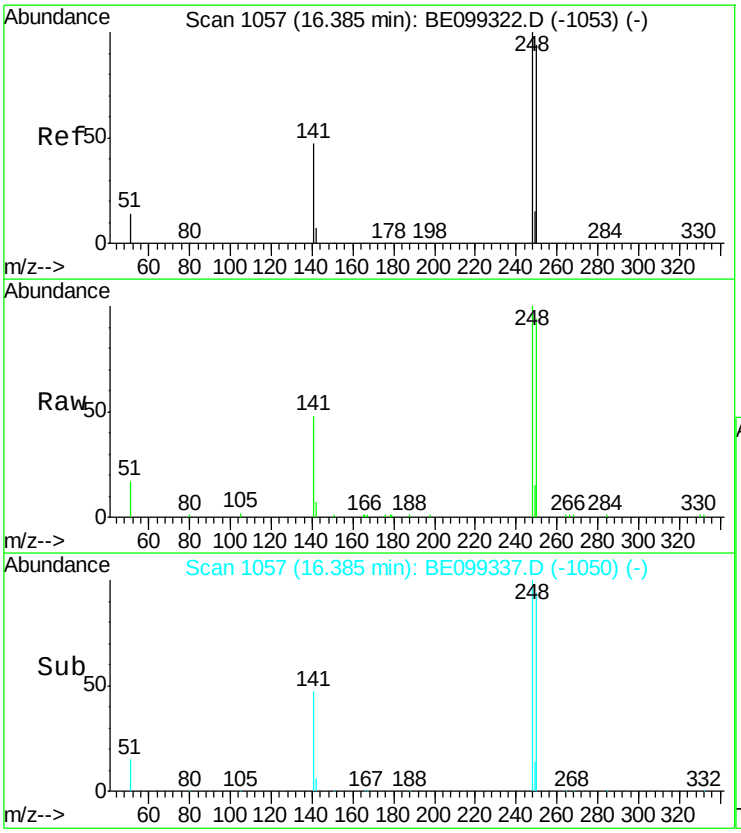
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:188 Resp: 32238

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.2	9.4

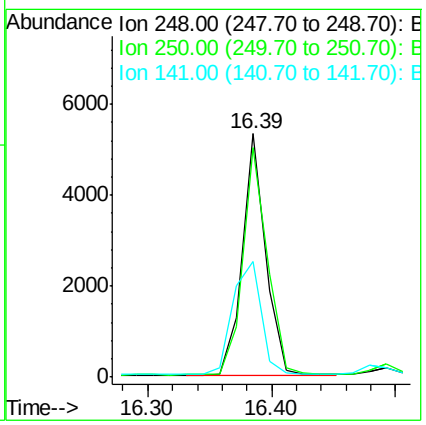


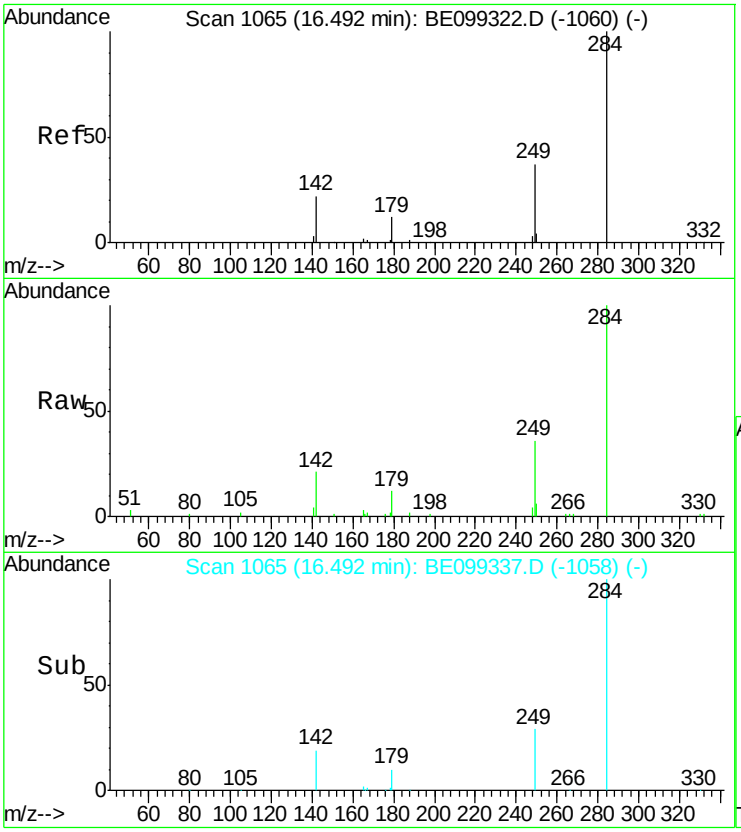


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.39 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:248 Resp: 6892

Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.0	115.6
141	47.7	31.1	46.7#



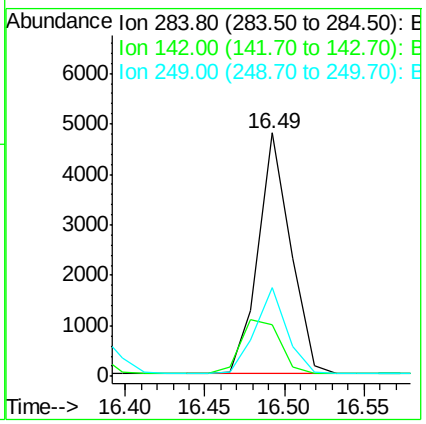


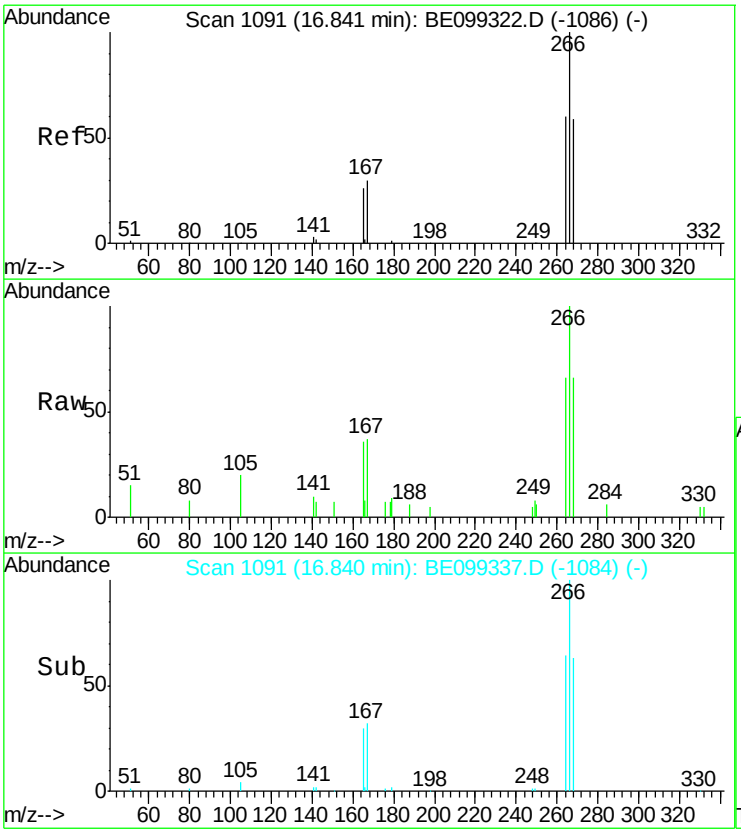
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:284 Resp: 6822

Ion	Ratio	Lower	Upper
284	100		
142	27.3	21.8	32.6
249	34.5	26.2	39.4

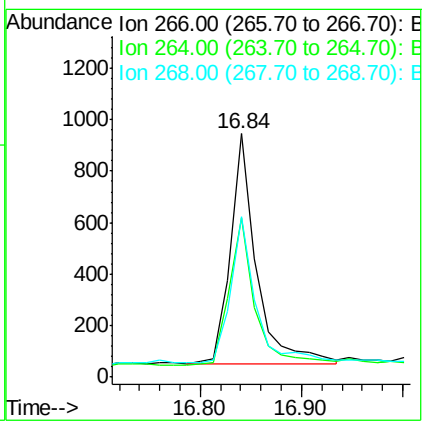


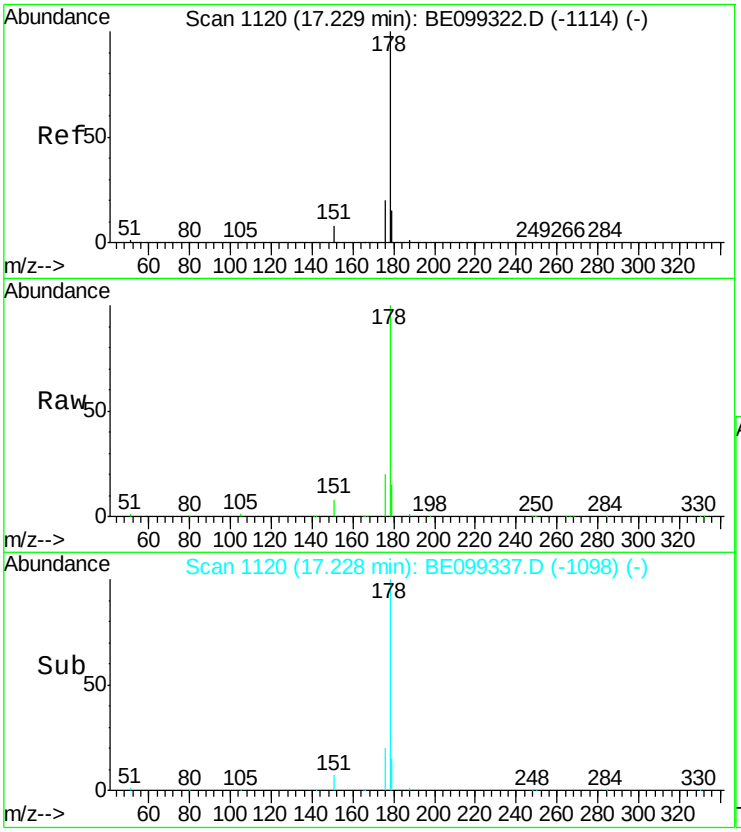


#22
Pentachlorophenol
Concen: 0.448 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:266 Resp: 1580

Ion	Ratio	Lower	Upper
266	100		
264	65.5	54.5	81.7
268	66.0	54.3	81.5



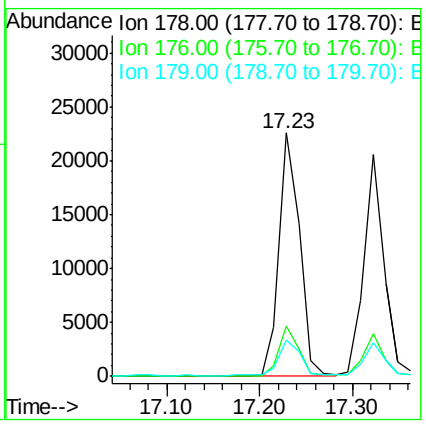


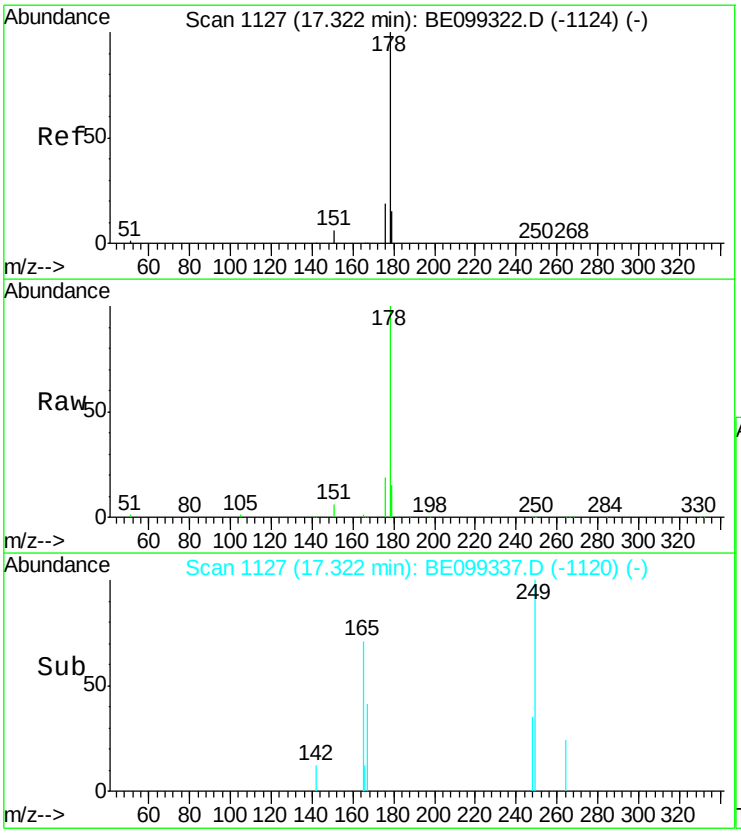
#23
Phenanthrene
Concen: 0.406 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:178 Resp: 34647

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.3	12.4	18.6

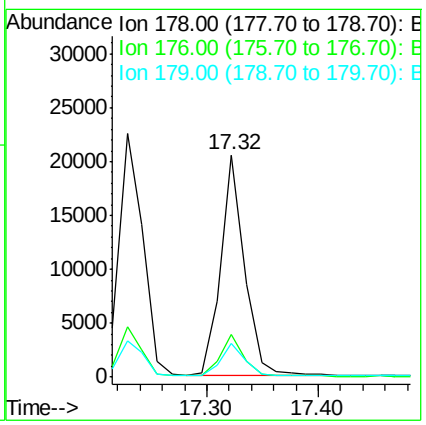


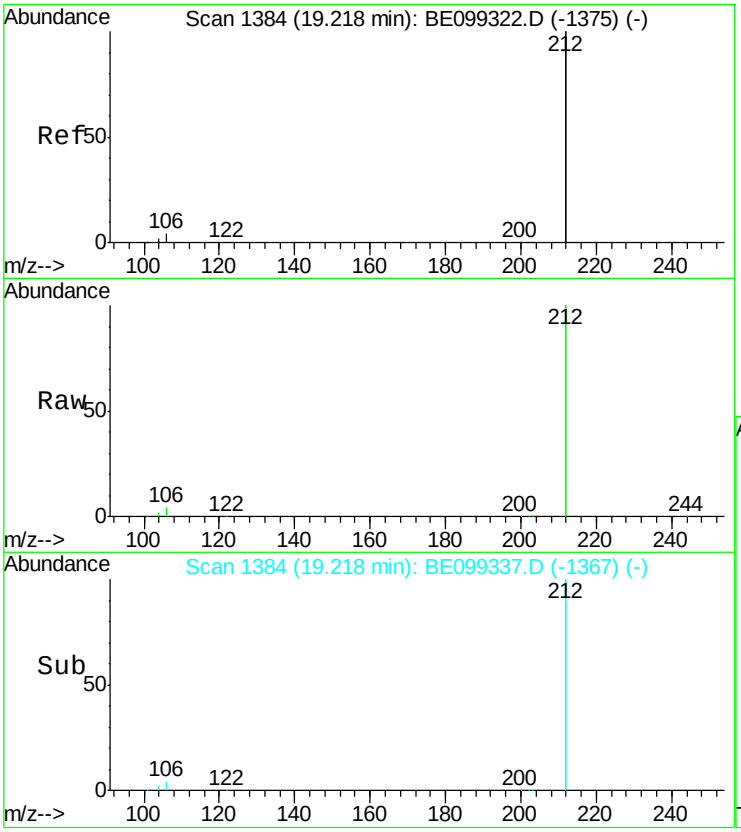


#24
Anthracene
Concen: 0.400 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:178 Resp: 30338

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.3	11.9	17.9



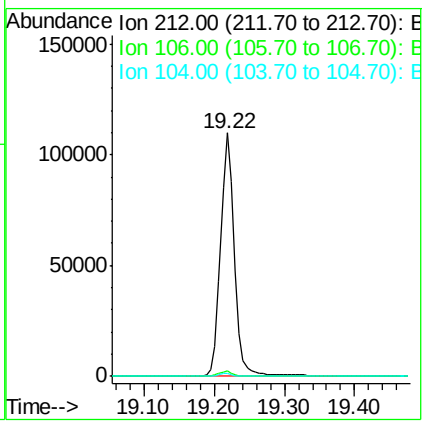


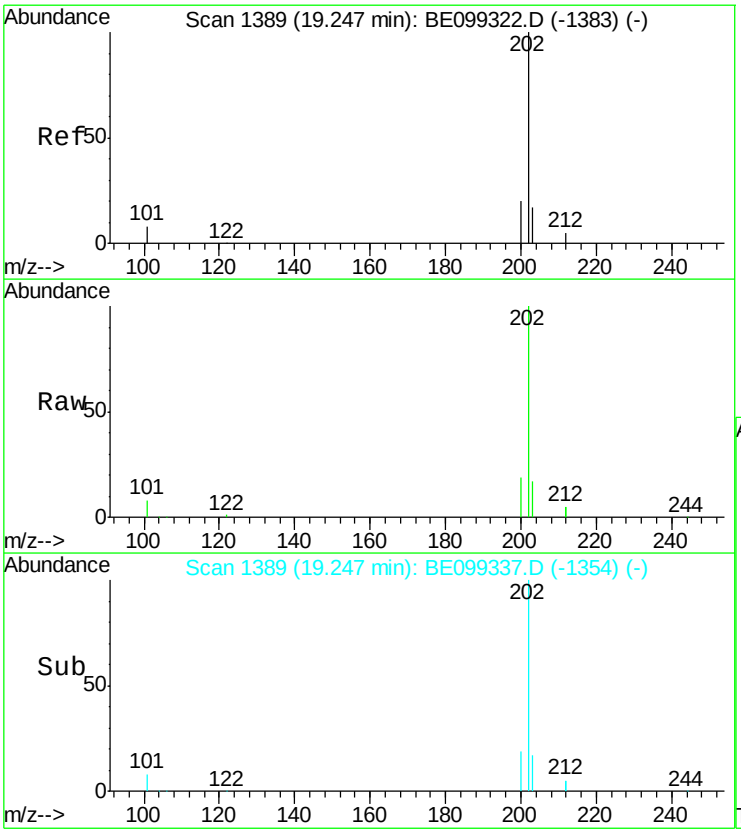
#25
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:212 Resp: 147855

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

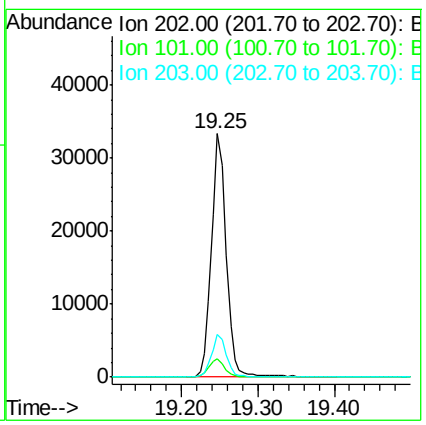


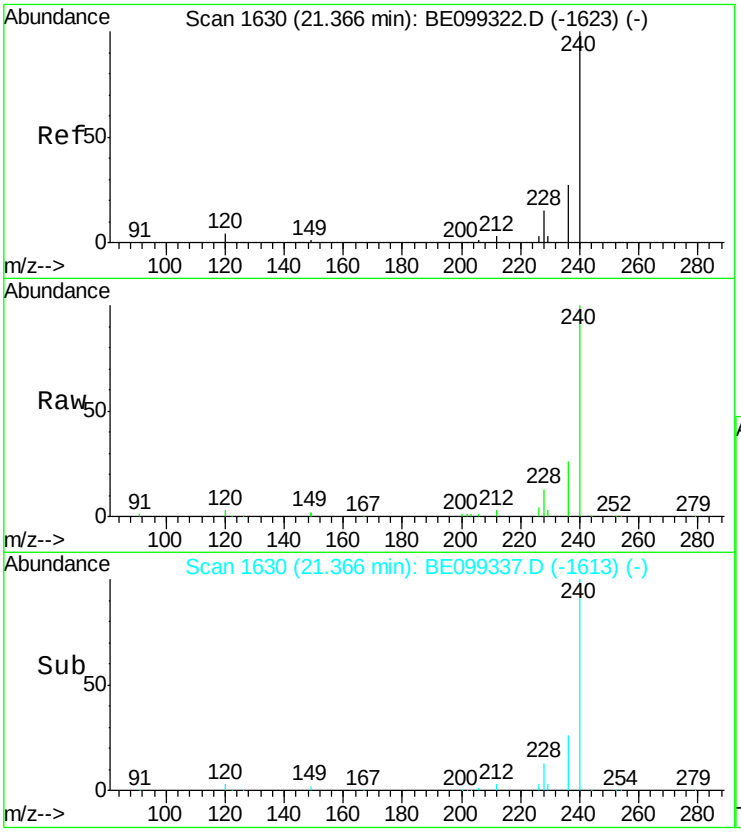


#26
Fluoranthene
Concen: 0.385 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:202 Resp: 44028

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.4	9.6
203	17.1	13.5	20.3



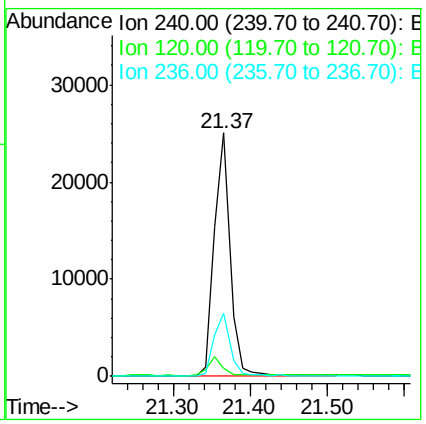


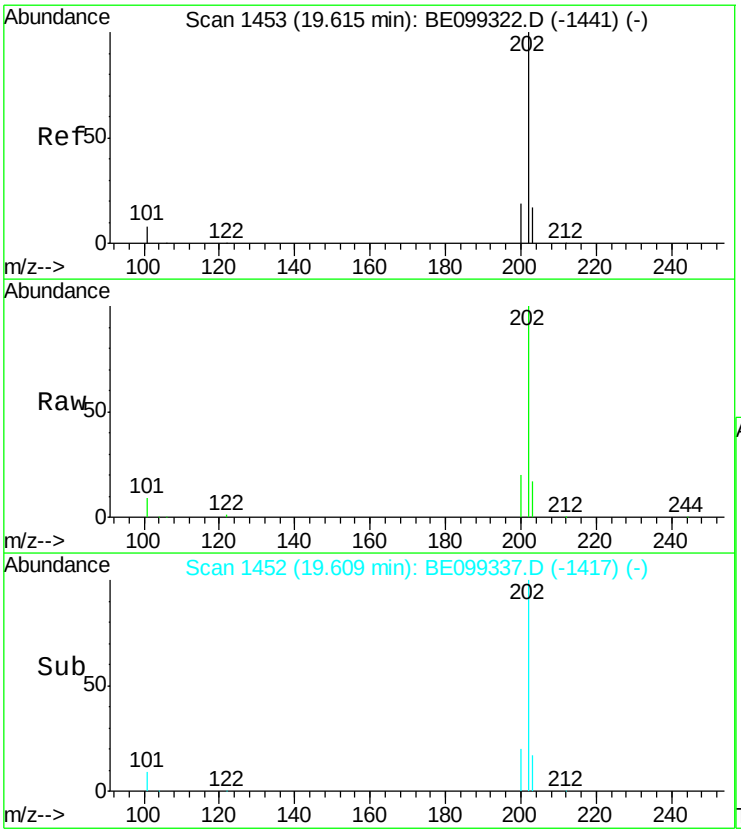
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:240 Resp: 36041

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

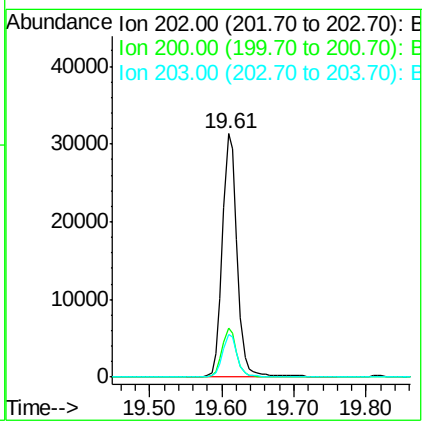


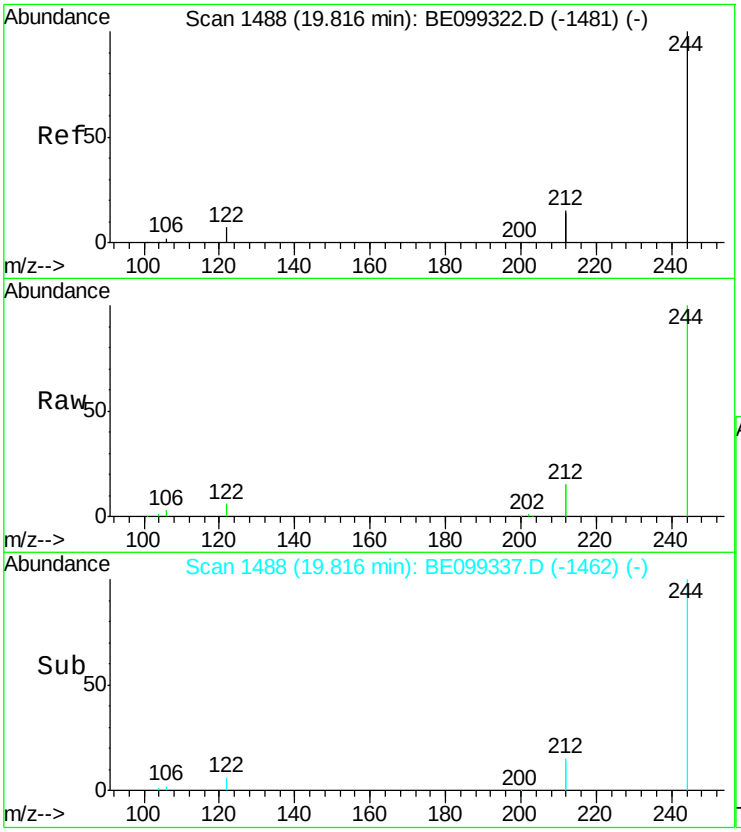


#28
Pyrene
Concen: 0.415 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:202 Resp: 44054

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.7	23.5
203	17.2	13.7	20.5



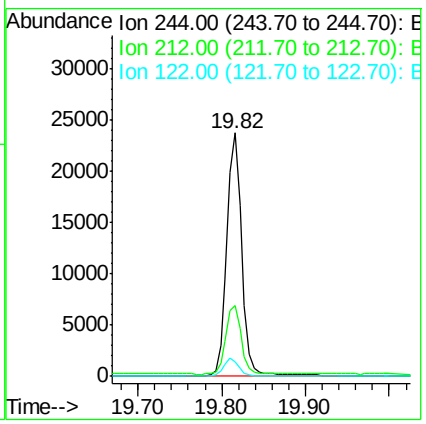


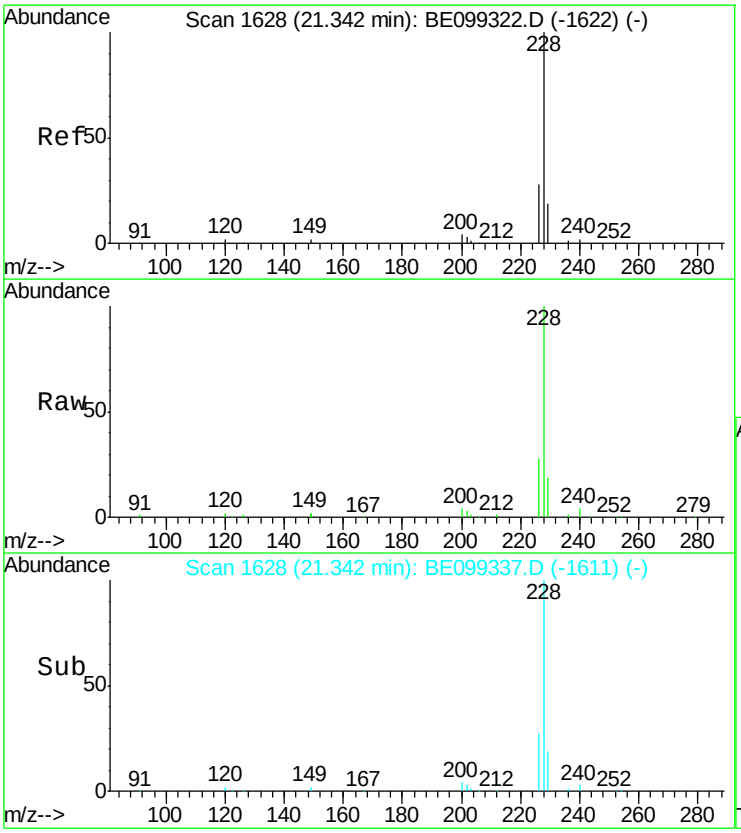
#29
Terphenyl-d14
Concen: 0.411 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:244 Resp: 29128

Ion	Ratio	Lower	Upper
244	100		
212	29.2	22.6	33.8
122	6.2	4.6	7.0

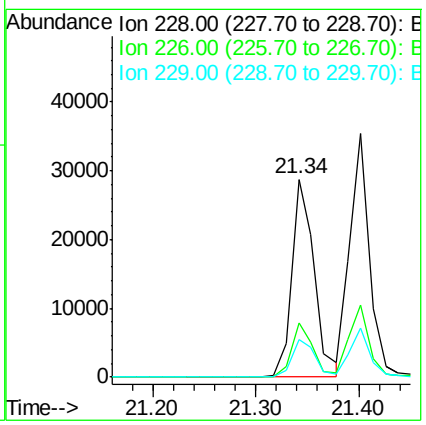


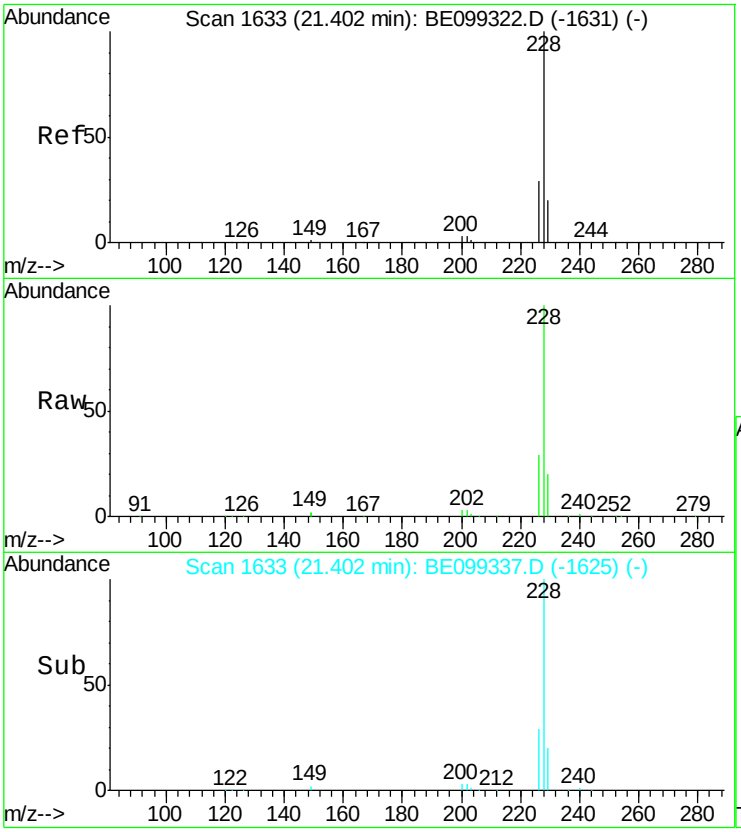


#30
Benzo(a)anthracene
Concen: 0.411 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:228 Resp: 43576

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	19.0	15.8	23.8



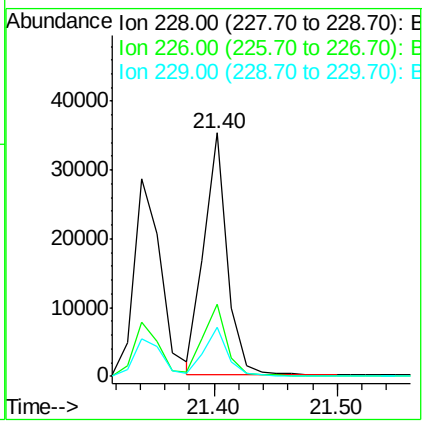


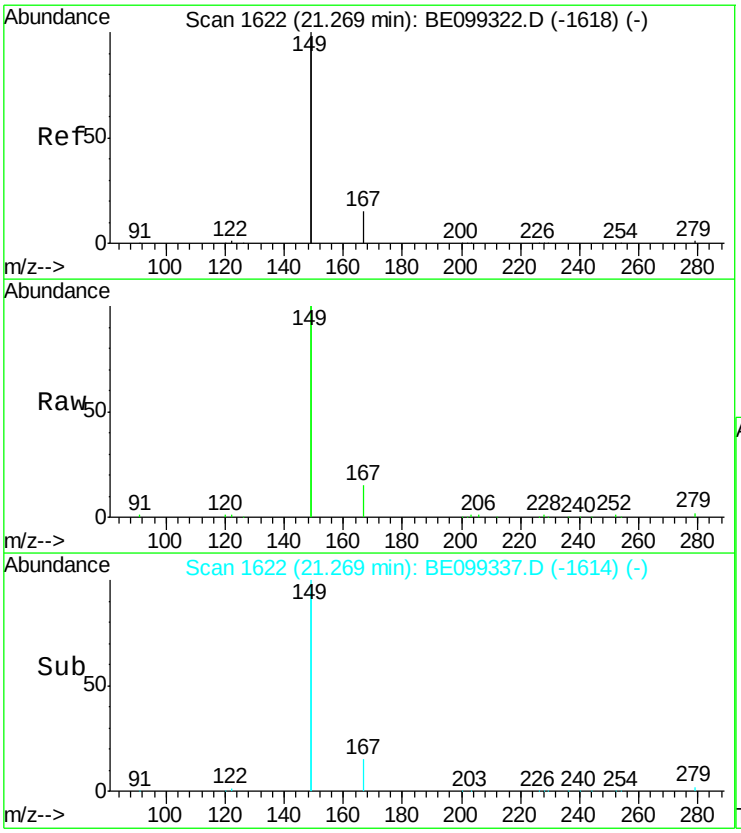
#31
Chrysene
Concen: 0.408 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:228 Resp: 46057

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	19.9	16.2	24.2

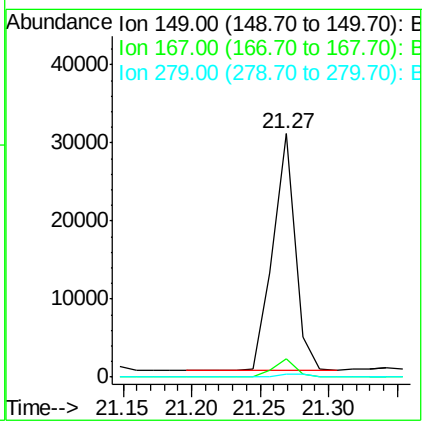


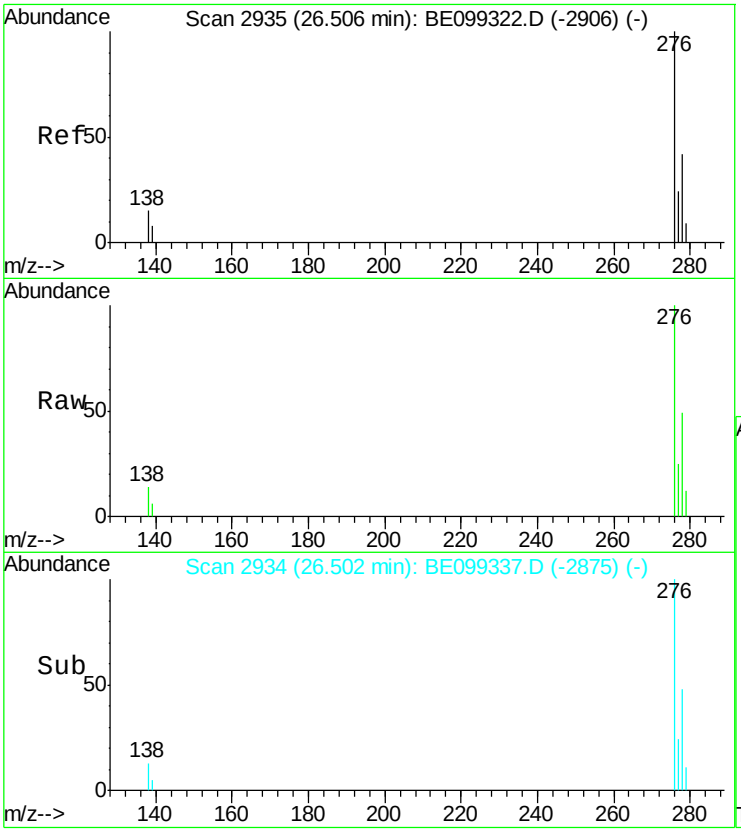


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.362 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:149 Resp: 34874

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.2	1.1	1.7



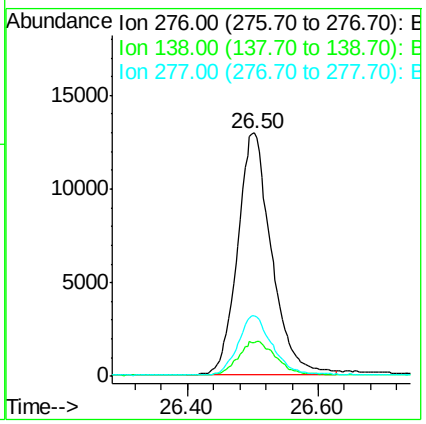


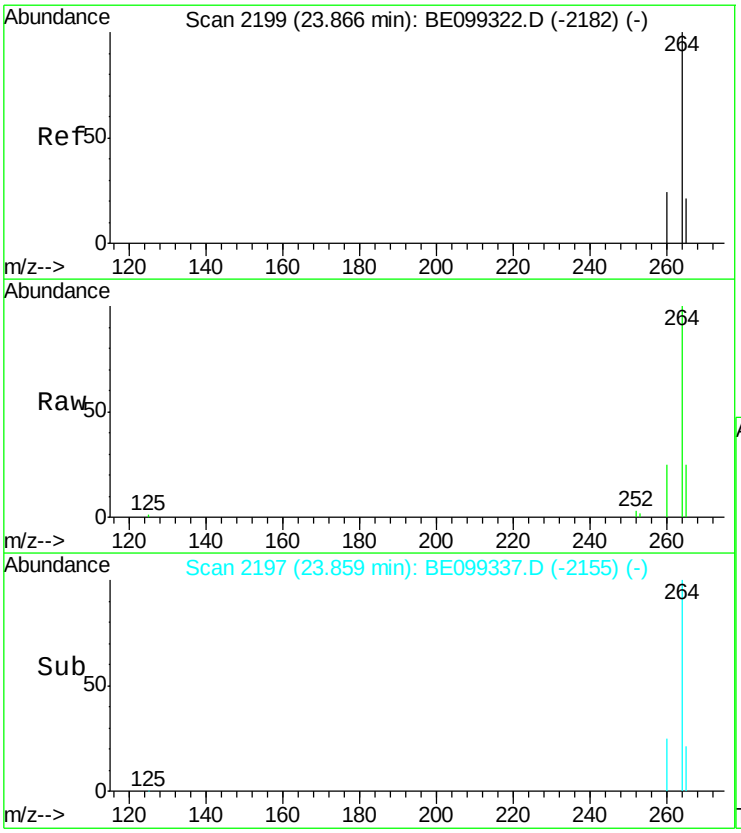
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:276 Resp: 46552

Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.7	19.1
277	24.5	19.6	29.4

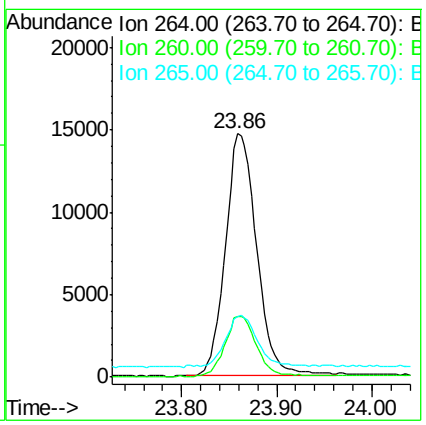


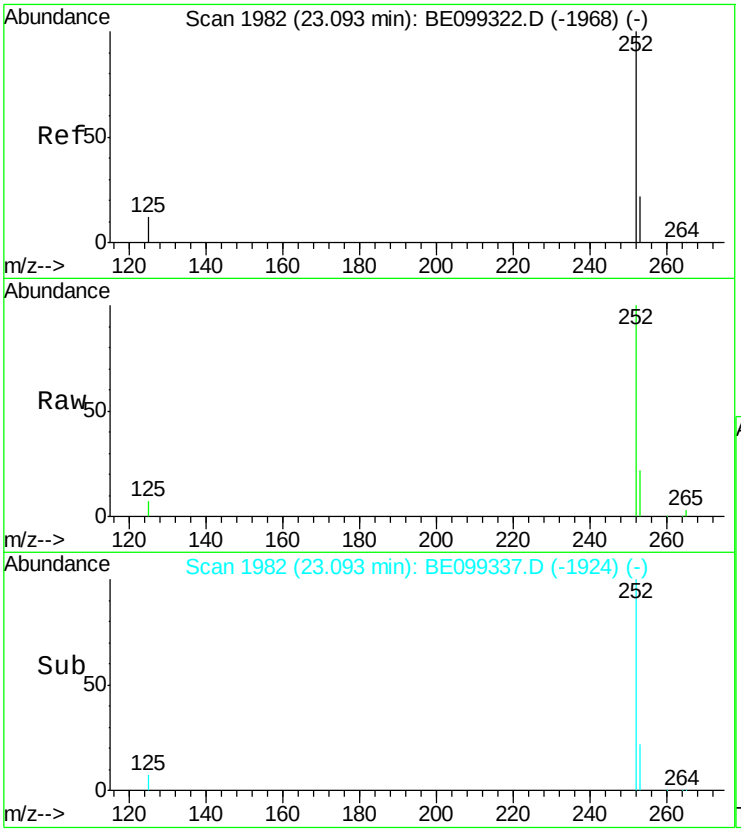


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:264 Resp: 33693

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	24.8	19.9	29.9



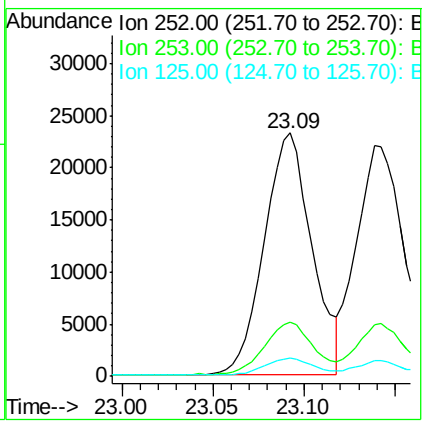


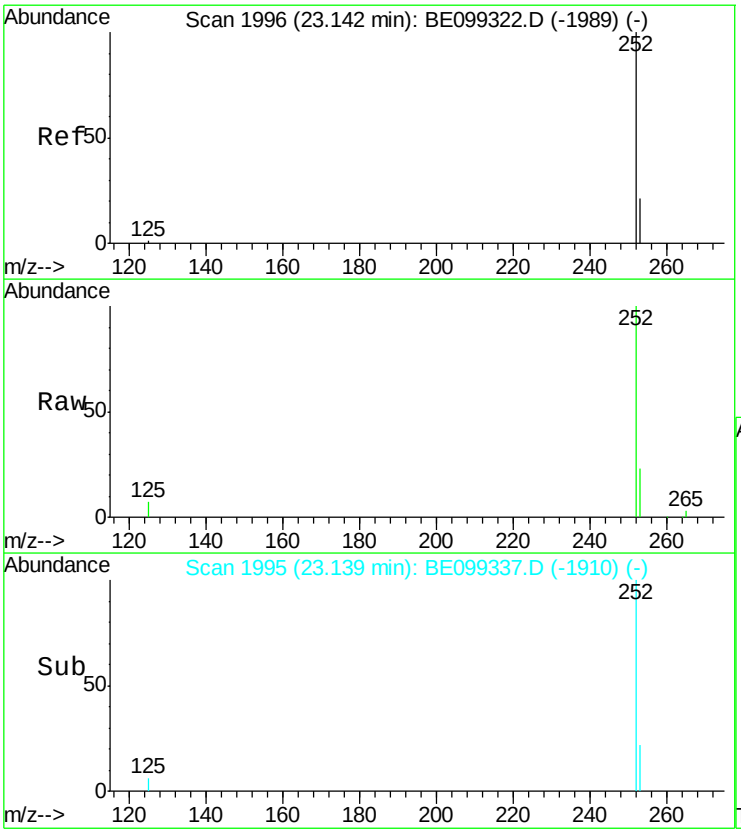
#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:252 Resp: 42214

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	7.5	5.8	8.6

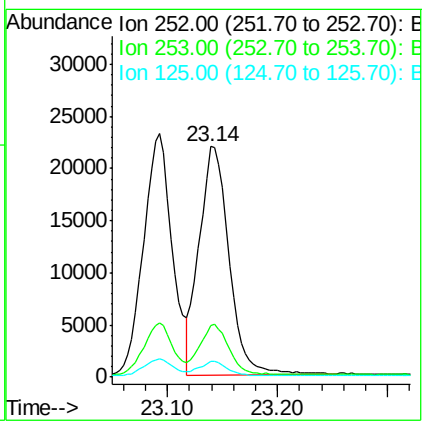


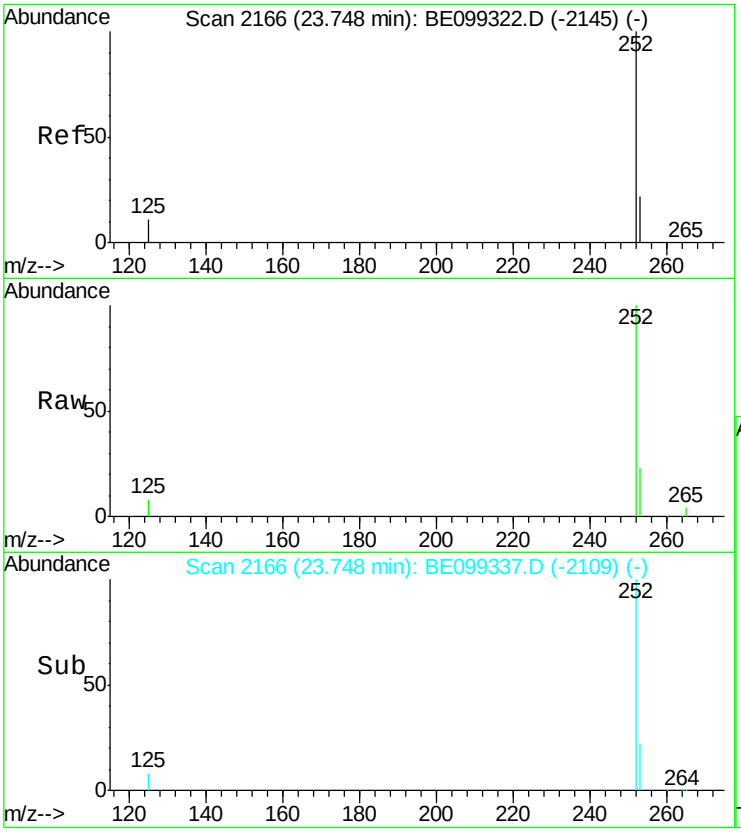


#36
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:252 Resp: 41136

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	6.9	5.4	8.0



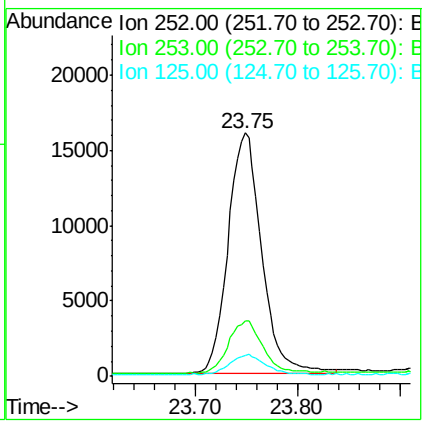


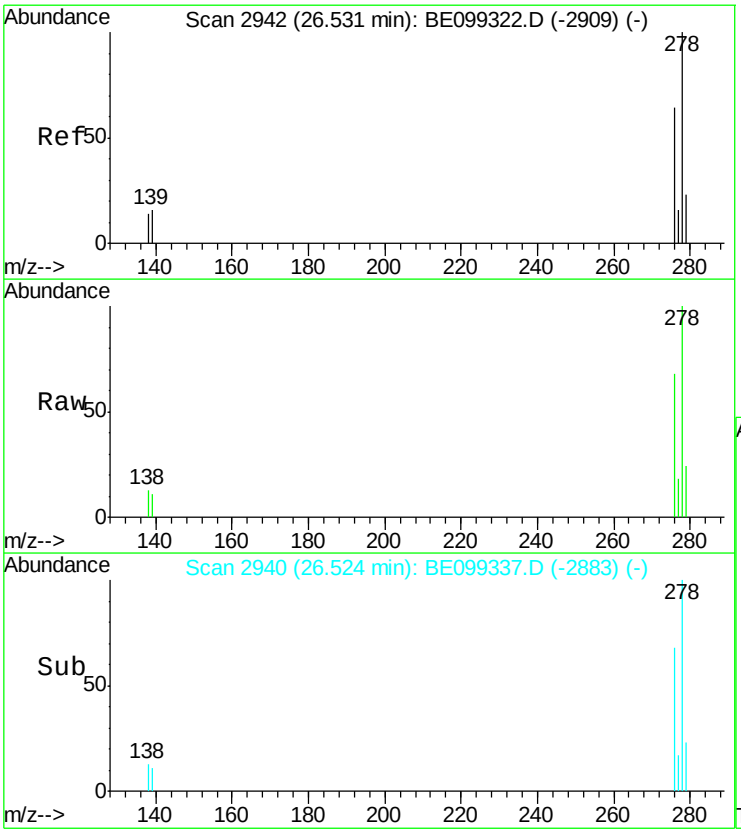
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:252 Resp: 36515

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	8.5	6.5	9.7

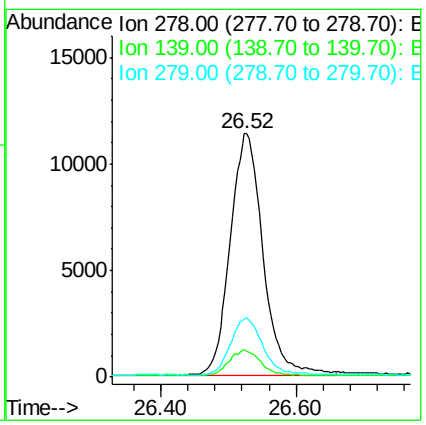


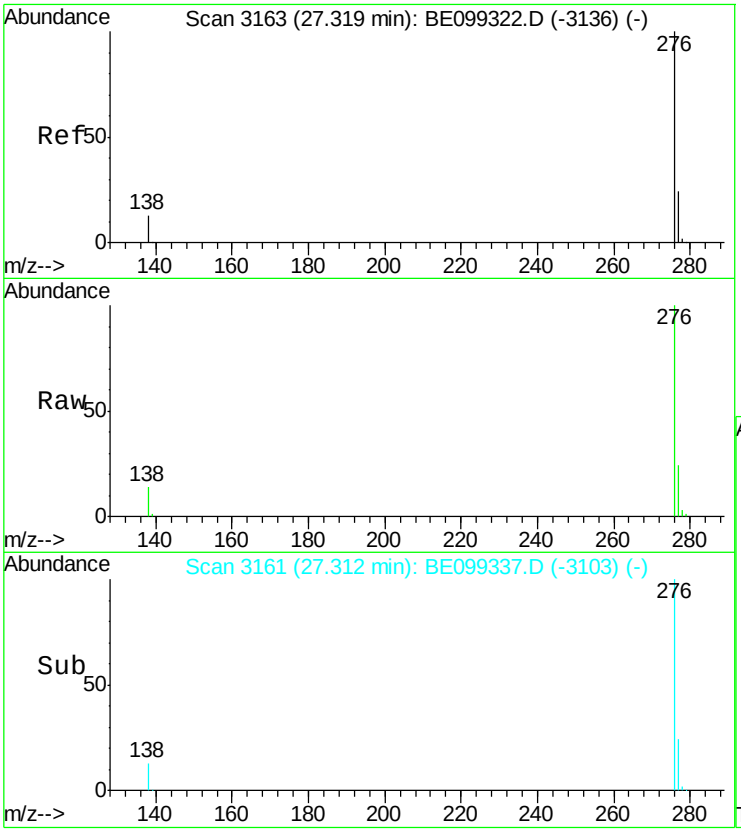


#38
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Tgt Ion:278 Resp: 38344

Ion	Ratio	Lower	Upper
278	100		
139	11.0	8.5	12.7
279	24.1	19.8	29.8





#39
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 27.31 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BE099337.D
Acq: 18 Apr 2019 14:46

Instrument :
BNA_E
ClientSampleId :
ICVBE041819

Tgt Ion:276 Resp: 38766

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.0	30.0
138	13.7	11.1	16.7