Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099363.D
Acq On : 25 Apr 2019 16:14
Operator : JU/SJ
Sample : K2534-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 26 00:42:36 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	4111	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	15734	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	11526	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	32998	0.40	ng		0.00
27) Chrysene-d12	21.37	240	36859	0.40	ng		0.00
34) Perylene-d12	23.86	264	41492	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	3825	0.38	ng		0.01
5) Phenol-d6	6.98	99	5534	0.39	ng		0.00
8) Nitrobenzene-d5	8.96	82	4567	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	11984	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	2210	0.58	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	13105	0.29	ng		0.00
25) Fluoranthene-d10	19.22	212	125901	0.32	ng		0.00
29) Terphenyl-d14	19.82	244	21838	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	1245	0.216	ng	#	64
3) n-Nitrosodimethylamine	3.65	42	1242	0.401	ng	#	83
6) bis(2-Chloroethyl)ether	7.24	93	4252	0.318	ng		96
9) Naphthalene	10.65	128	57568	0.335	ng		100
10) Hexachlorobutadiene	10.94	225	3480	0.319	ng		99
12) 2-Methylnaphthalene	12.28	142	10066	0.345	ng		98
16) Acenaphthylene	14.18	152	18796	0.361	ng		98
17) Acenaphthene	14.53	154	10672	0.332	ng		98
18) Fluorene	15.49	166	16025	0.347	ng		99
20) 4-Bromophenyl-phenylether	16.39	248	6165	0.337	ng		99
21) Hexachlorobenzene	16.49	284	5898	0.336	ng		98
22) Pentachlorophenol	16.84	266	7606	1.292	ng		93
23) Phenanthrene	17.23	178	38198	0.437	ng		100
24) Anthracene	17.32	178	29818	0.384	ng		99
26) Fluoranthene	19.25	202	65946	0.564	ng		99
28) Pyrene	19.61	202	65937	0.607	ng		98
30) Benzo(a)anthracene	21.34	228	63178	0.583	ng		98
31) Chrysene	21.40	228	56361	0.489	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	184358	1.870	ng		100
33) Indeno(1,2,3-cd)pyrene	26.51	276	56940	0.500	ng		97
35) Benzo(b)fluoranthene	23.09	252	59309	0.467	ng	#	95
36) Benzo(k)fluoranthene	23.14	252	50797	0.401	ng	#	96
37) Benzo(a)pyrene	23.75	252	53646	0.471	ng		96
38) Dibenzo(a,h)anthracene	26.53	278	41298	0.355	ng		98
39) Benzo(g,h,i)perylene	27.32	276	47566	0.403	ng		99

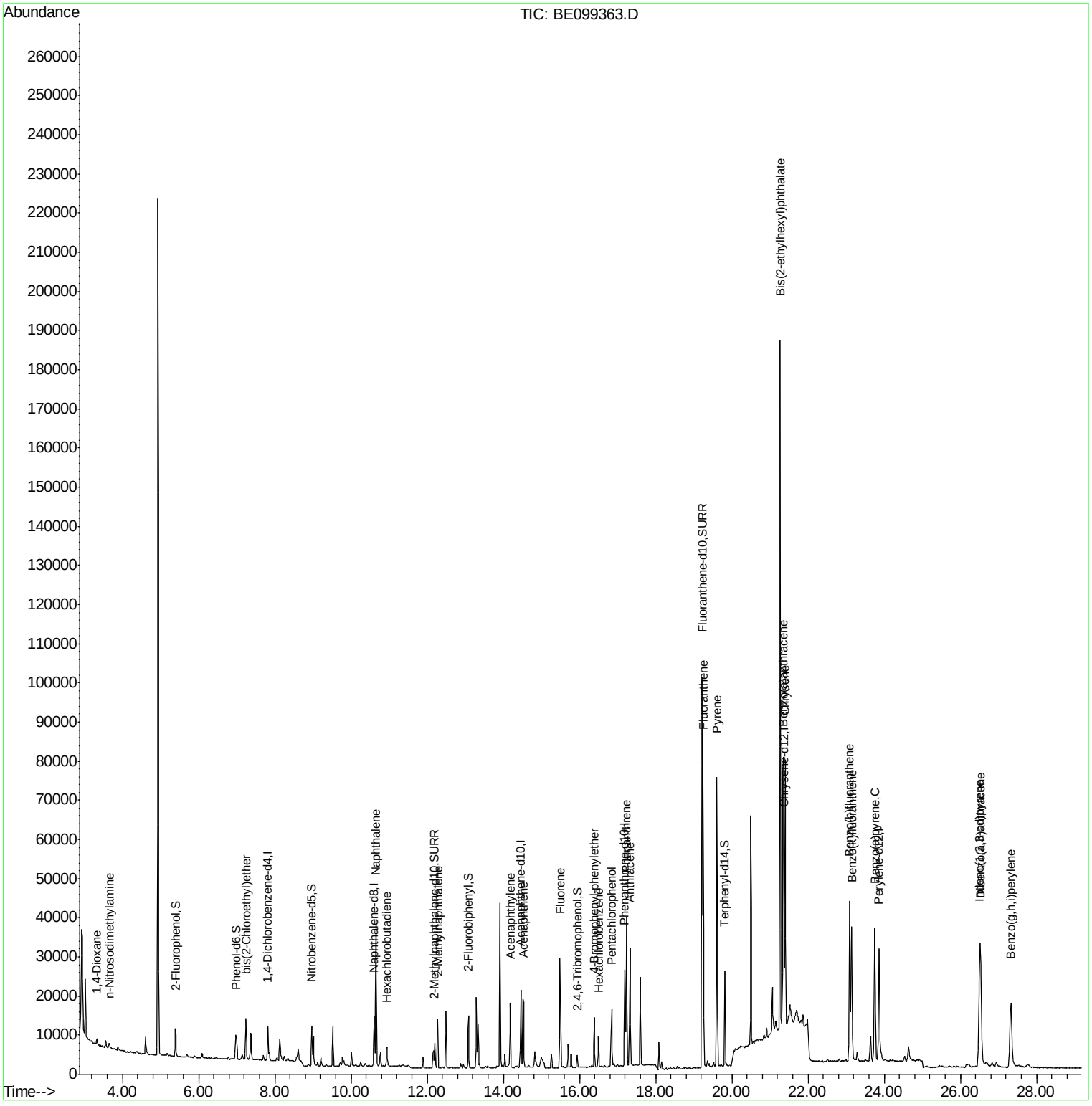
(#) = qualifier out of range (m) = manual integration (+) = signals summed

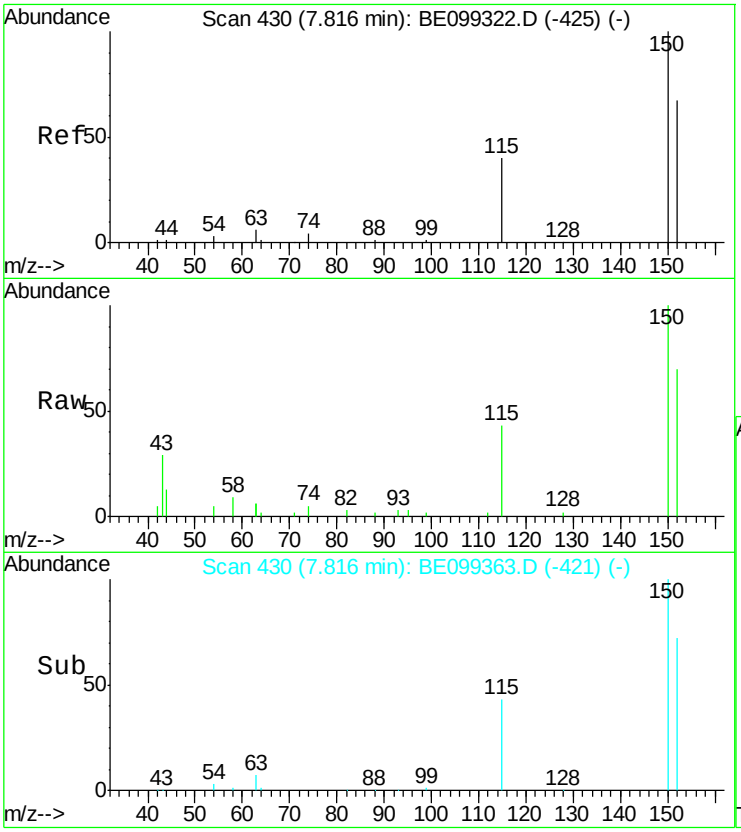
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099363.D
Acq On : 25 Apr 2019 16:14
Operator : JU/SJ
Sample : K2534-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 26 00:42:36 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



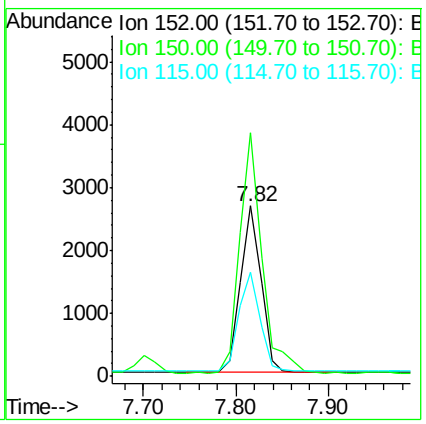


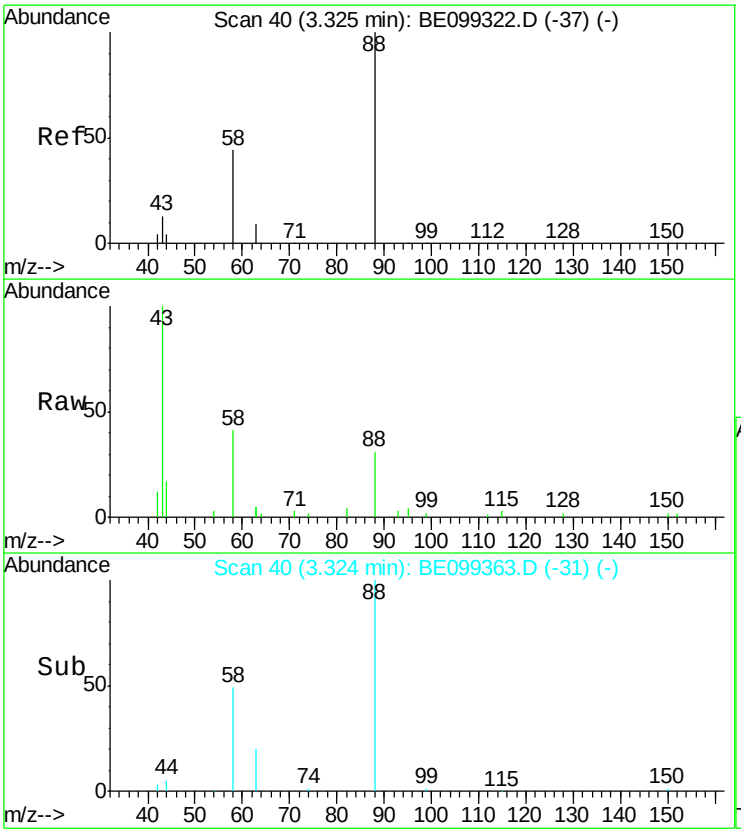
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4111

Ion	Ratio	Lower	Upper
152	100		
150	143.1	119.5	179.3
115	61.3	47.5	71.3

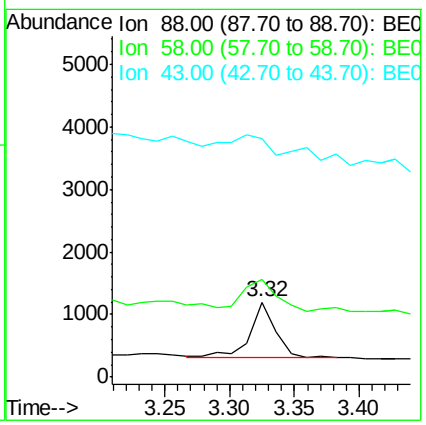


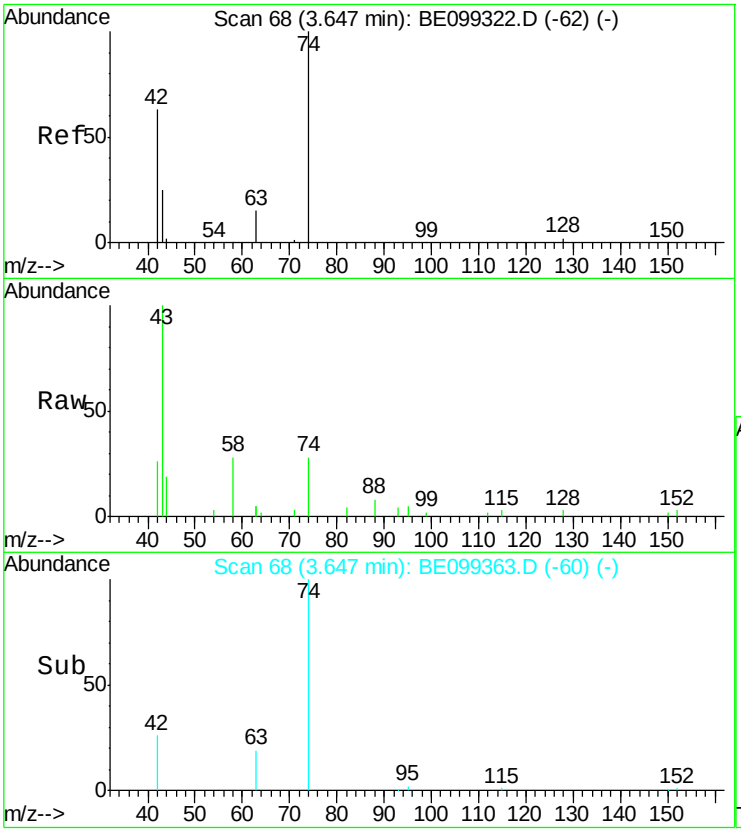


#2
1,4-Dioxane
Concen: 0.216 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion: 88 Resp: 1245

Ion	Ratio	Lower	Upper
88	100		
58	63.9	49.1	73.7
43	83.1	17.9	26.9#



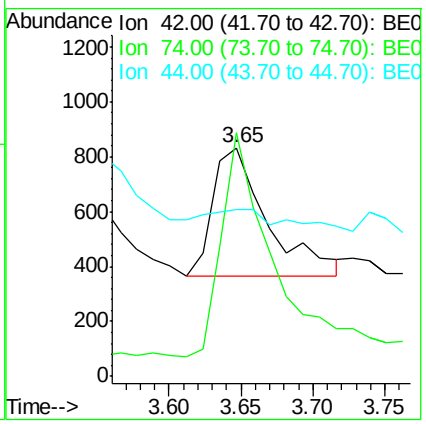


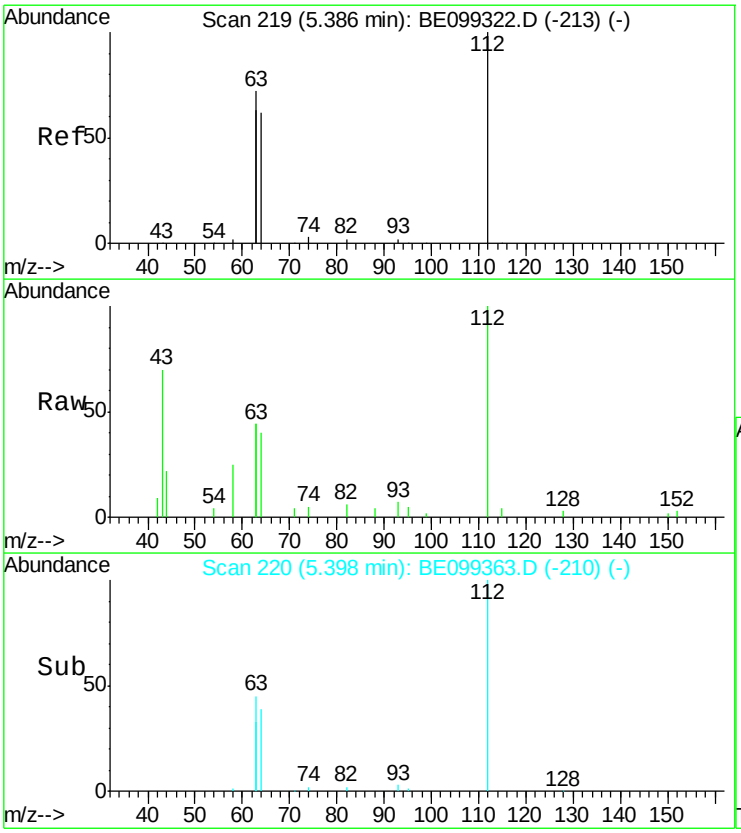
#3
n-Nitrosodimethylamine
Concen: 0.401 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1242

Ion	Ratio	Lower	Upper
42	100		
74	156.9	145.8	218.8
44	15.4	9.0	13.4#

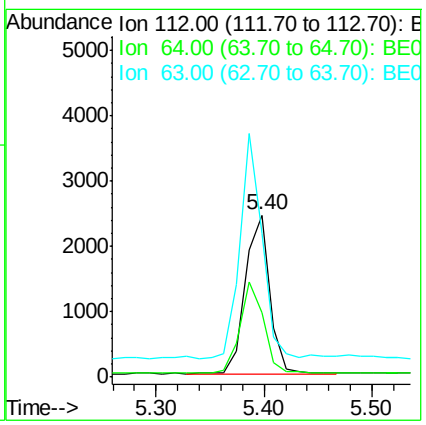


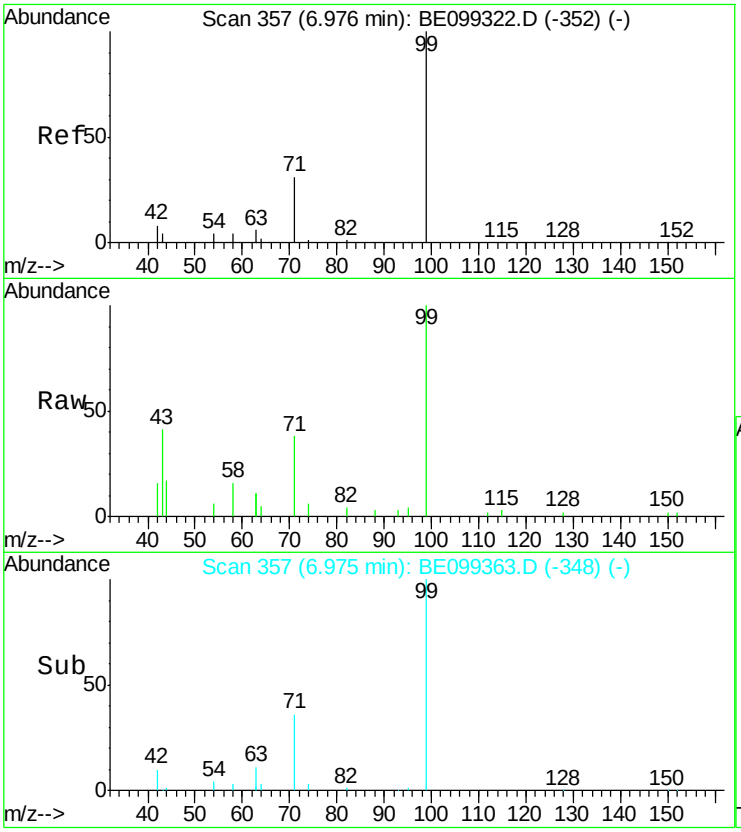


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:112 Resp: 3825

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.9	67.3
63	127.0	97.4	146.0



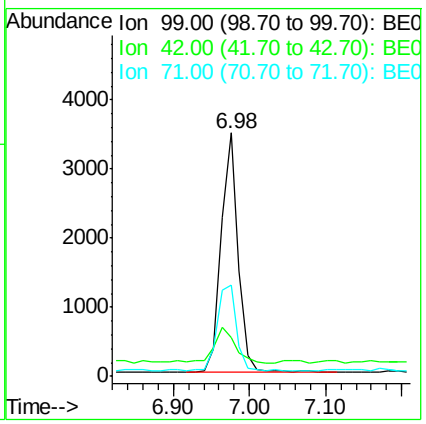


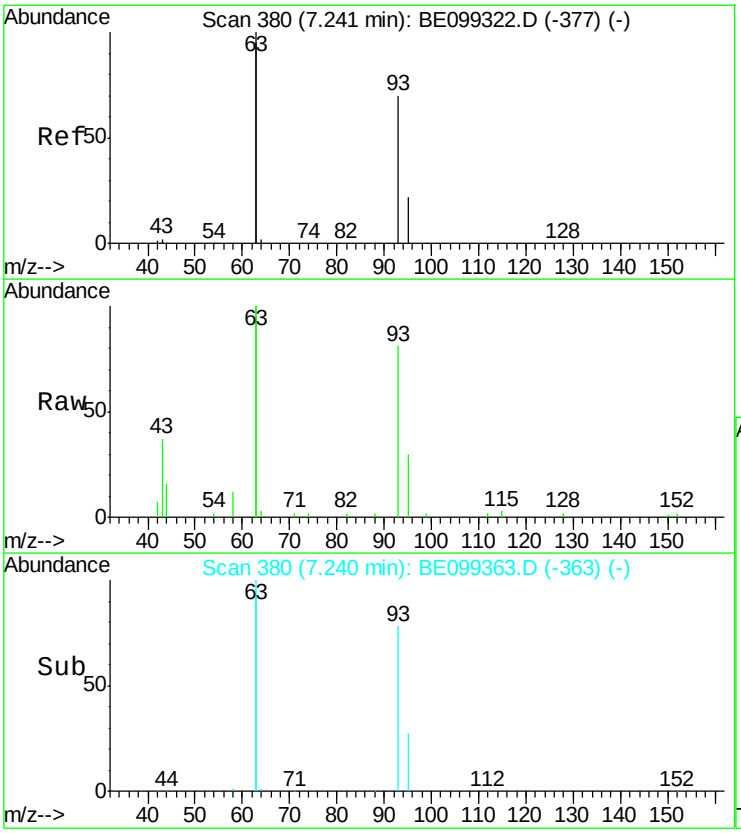
#5
Phenol-d6
Concen: 0.386 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5534

Ion	Ratio	Lower	Upper
99	100		
42	17.8	11.7	17.5#
71	40.6	29.6	44.4

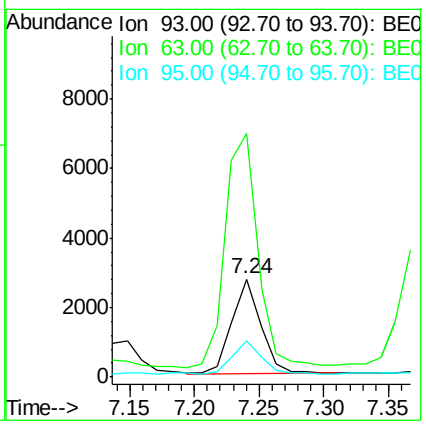


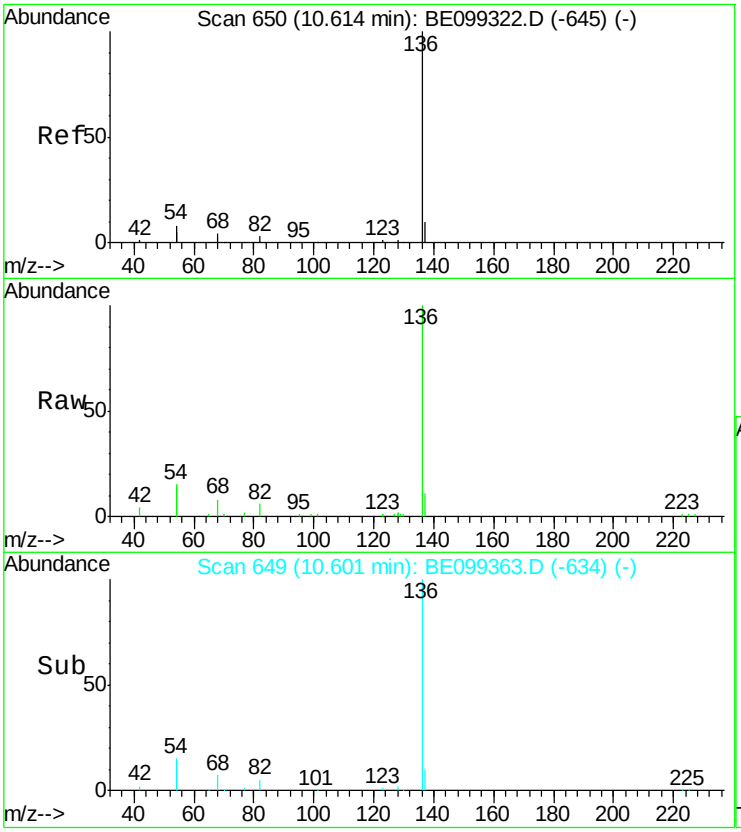


#6
bis(2-Chloroethyl)ether
Concen: 0.318 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion: 93 Resp: 4252

Ion	Ratio	Lower	Upper
93	100		
63	277.2	216.6	324.8
95	34.0	25.8	38.6



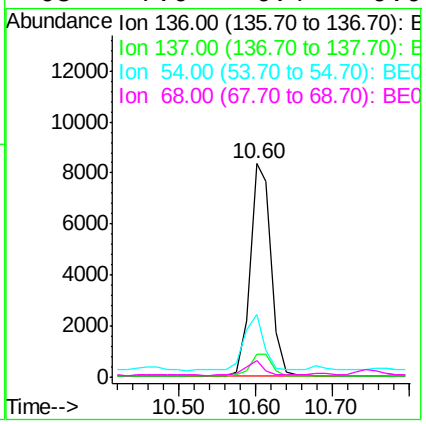


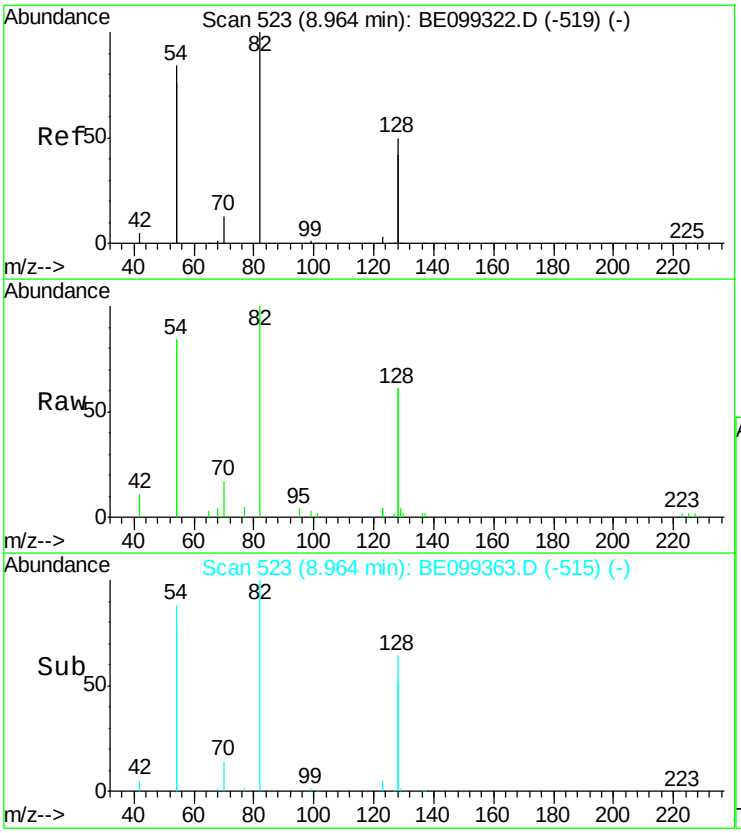
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 15734

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	29.3	23.8	35.8
68	7.6	6.4	9.6

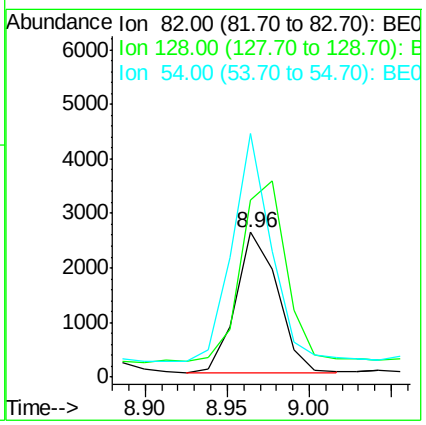


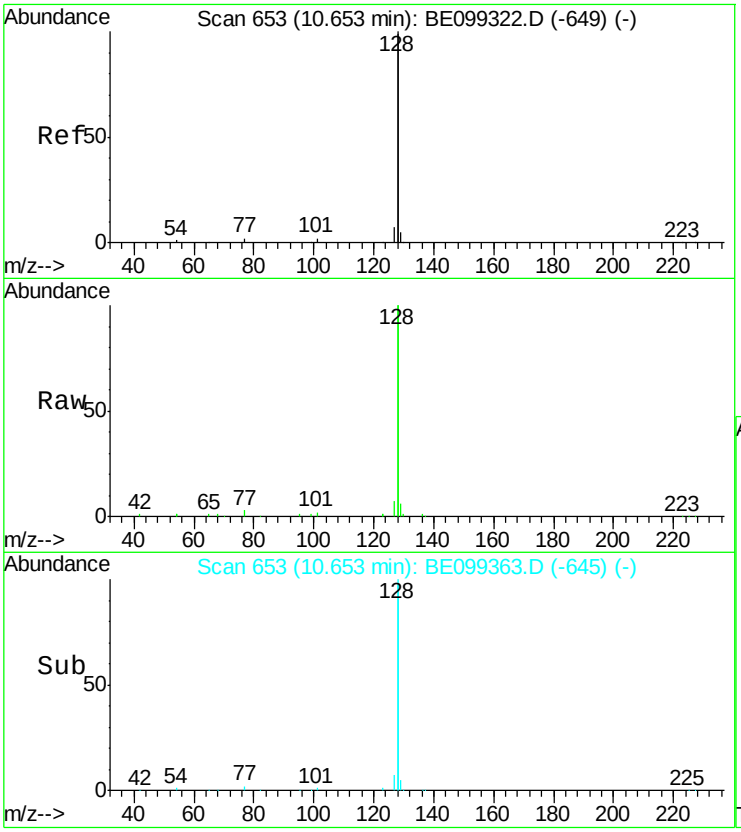


#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion: 82 Resp: 4567

Ion	Ratio	Lower	Upper
82	100		
128	122.5	91.7	137.5
54	167.9	122.8	184.2



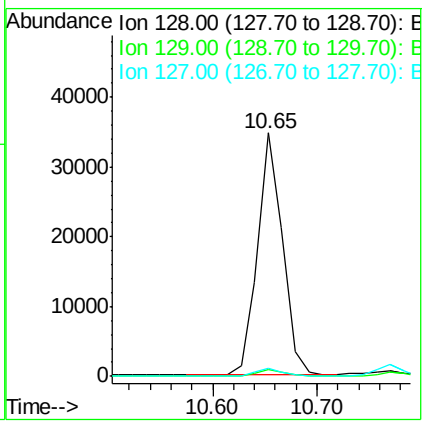


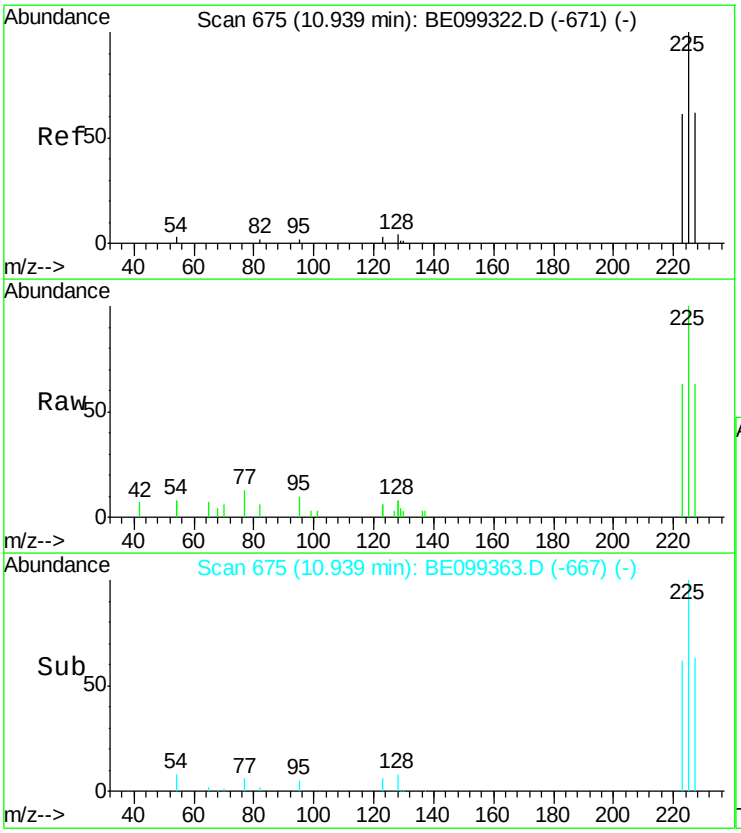
#9
Naphthalene
Concen: 0.335 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 57568

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

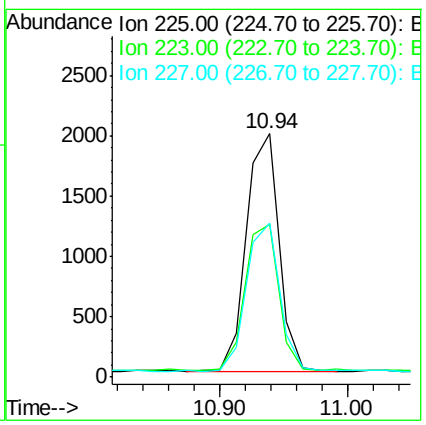


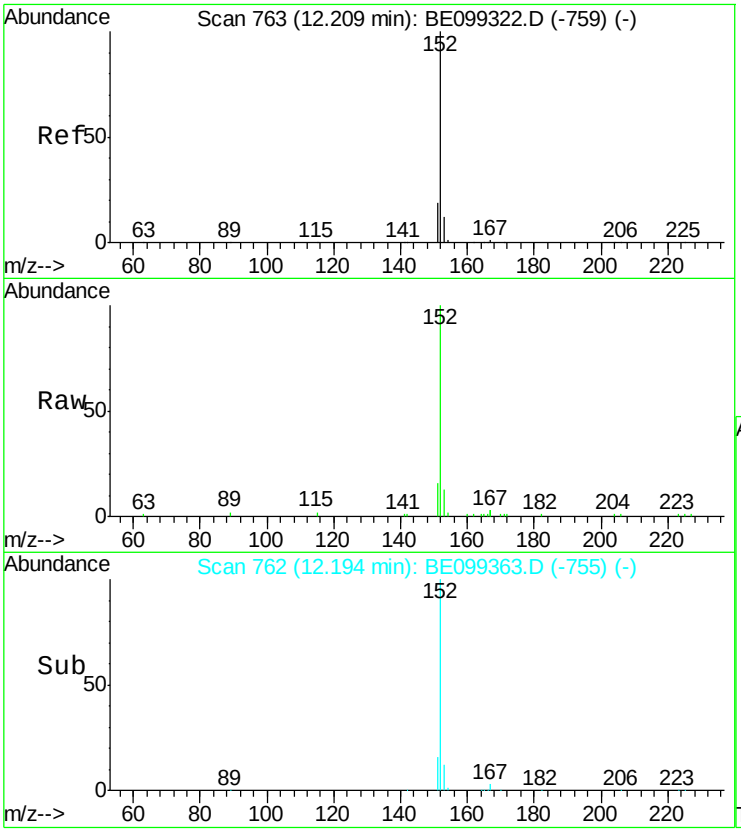


#10
Hexachlorobutadiene
Concen: 0.319 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:225 Resp: 3480

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	63.4	49.4	74.0



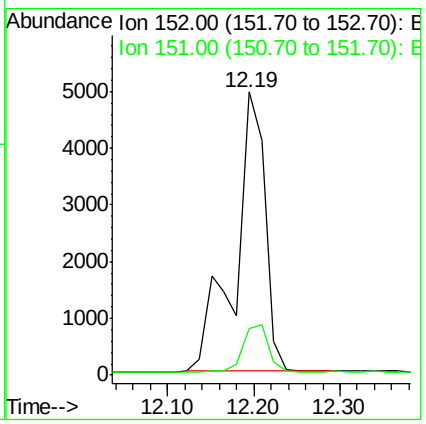


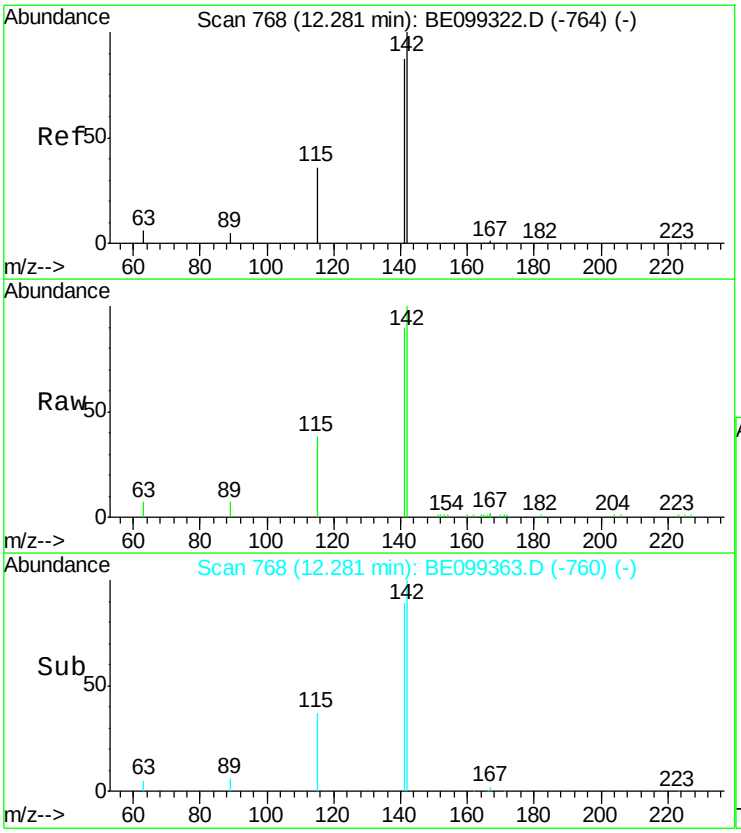
#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11984

Ion	Ratio	Lower	Upper
152	100		
151	14.2	14.9	22.3#

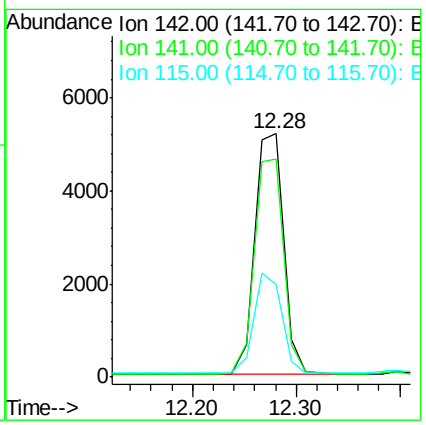


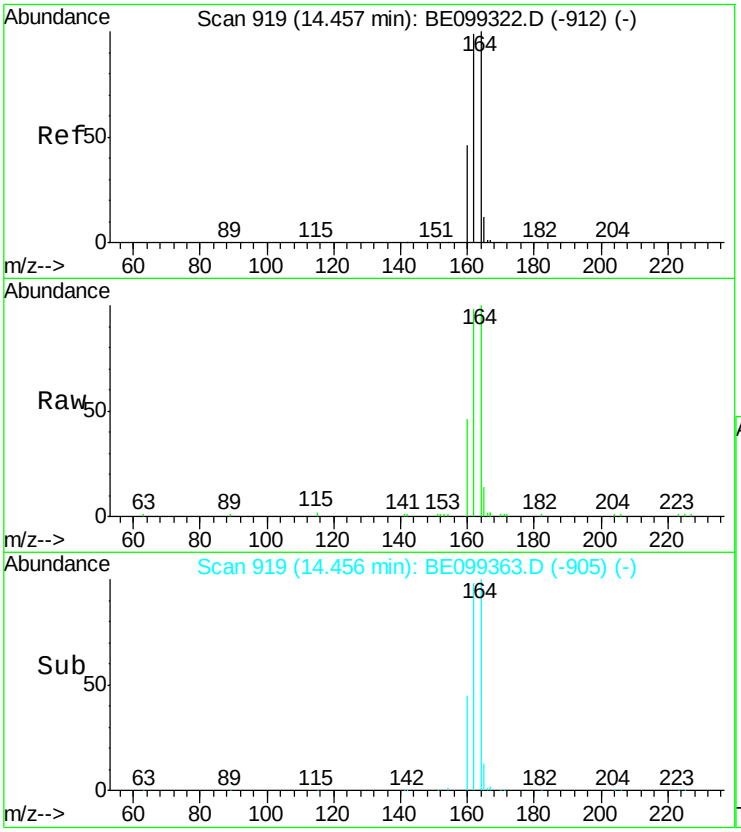


#12
2-Methylnaphthalene
Concen: 0.345 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:142 Resp: 10066

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.0	108.0
115	38.1	33.4	50.0



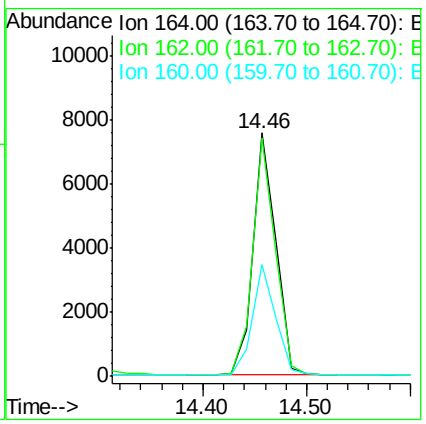


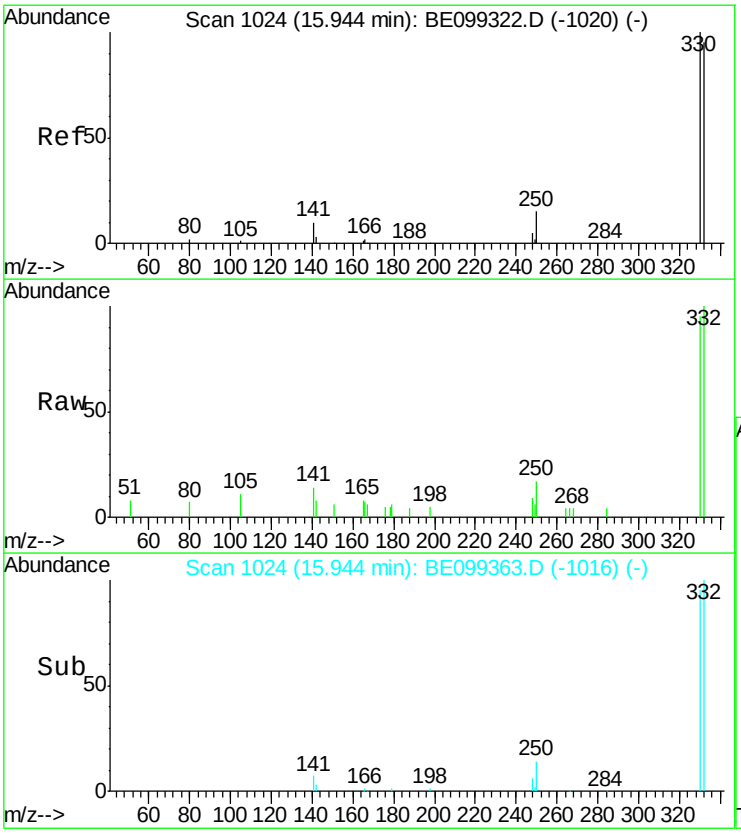
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 11526

Ion	Ratio	Lower	Upper
164	100		
162	97.9	77.8	116.6
160	45.8	37.1	55.7

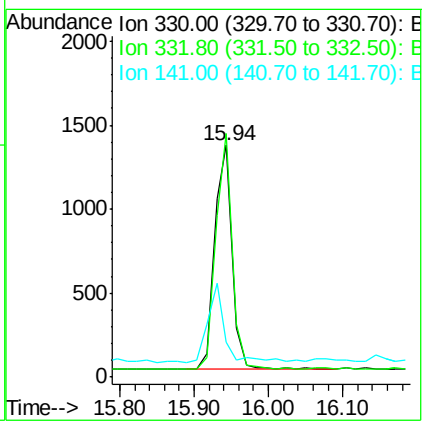


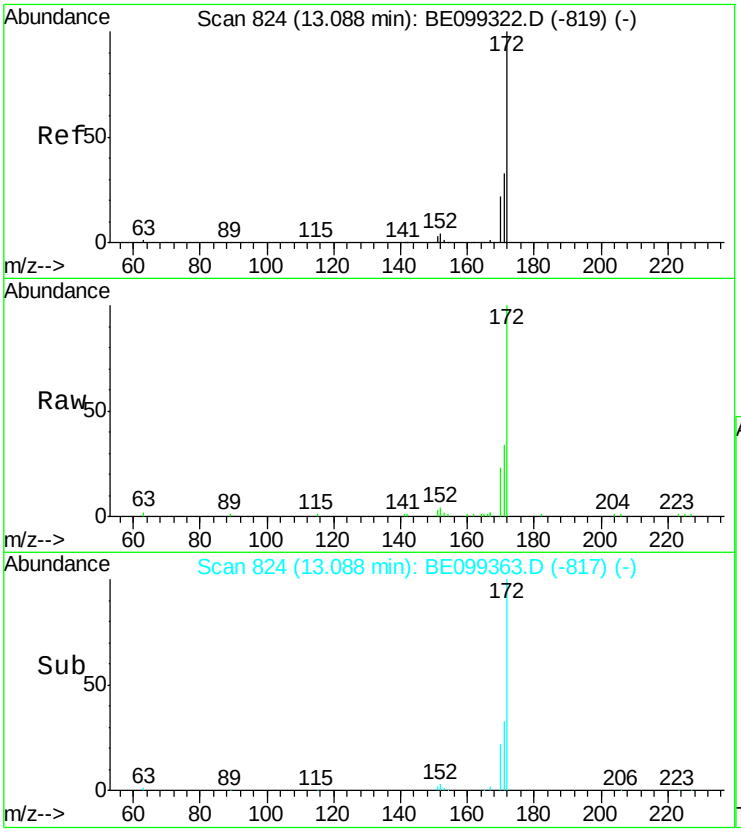


#14
2,4,6-Tribromophenol
Concen: 0.577 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:330 Resp: 2210

Ion	Ratio	Lower	Upper
330	100		
332	98.4	82.5	123.7
141	33.0	24.9	37.3



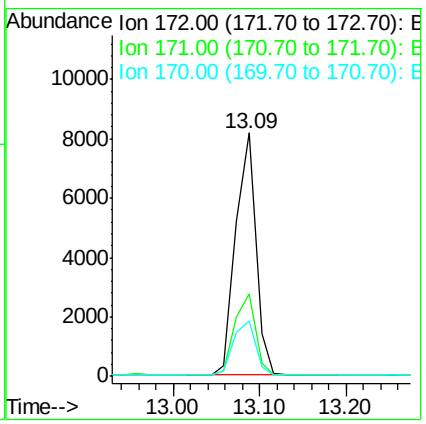


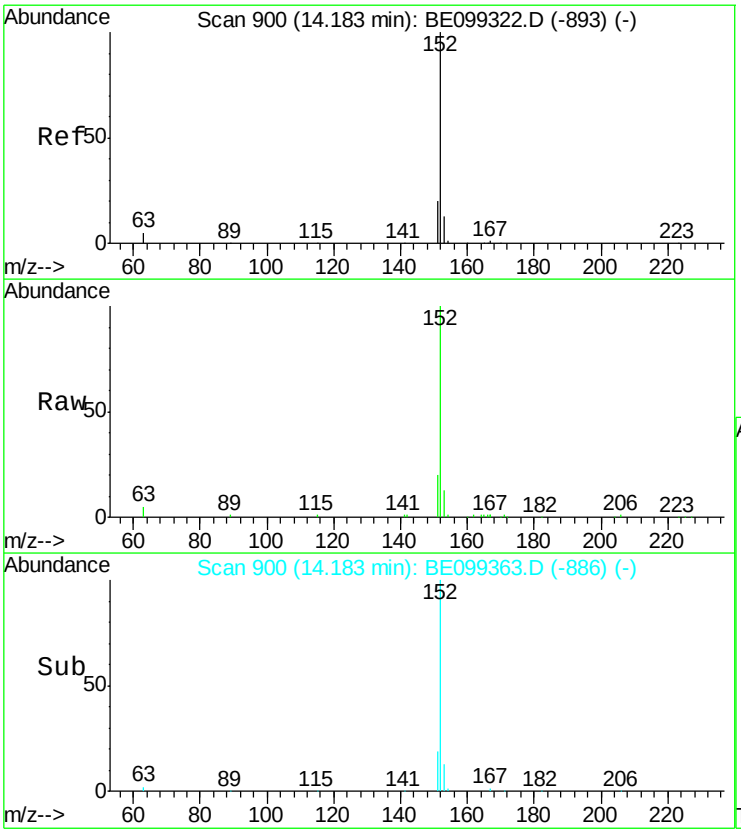
#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13105

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.2	39.2
170	22.9	18.1	27.1

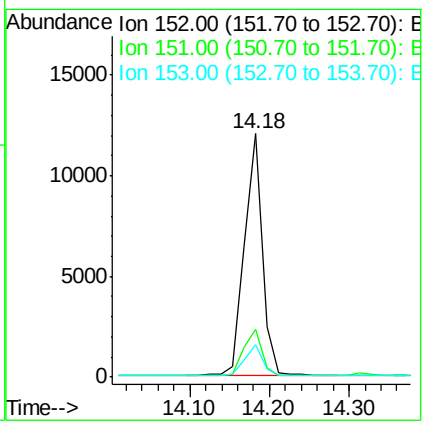


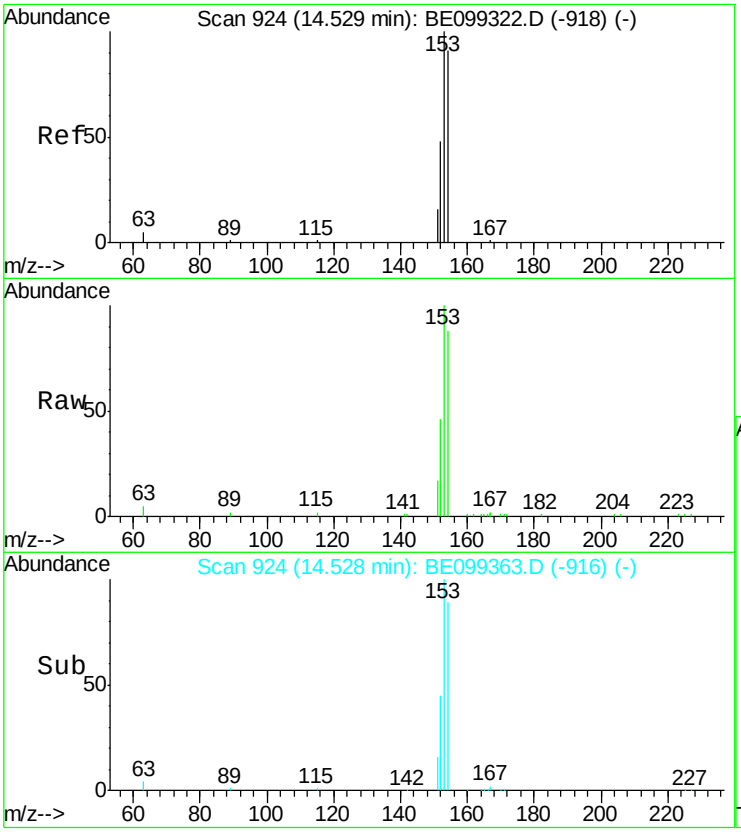


#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:152 Resp: 18796

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.5	23.3
153	12.8	10.2	15.4



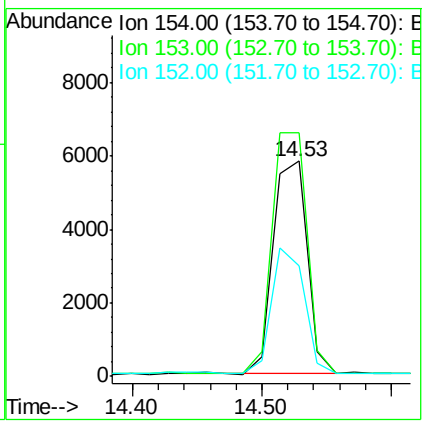


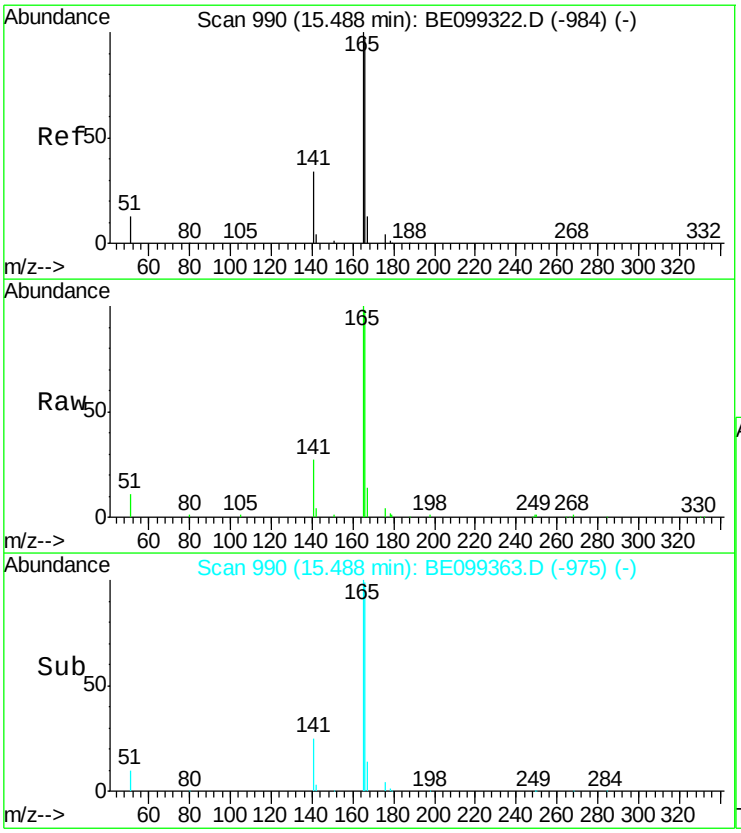
#17
Acenaphthene
Concen: 0.332 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10672

Ion	Ratio	Lower	Upper
154	100		
153	116.1	94.7	142.1
152	56.8	46.4	69.6

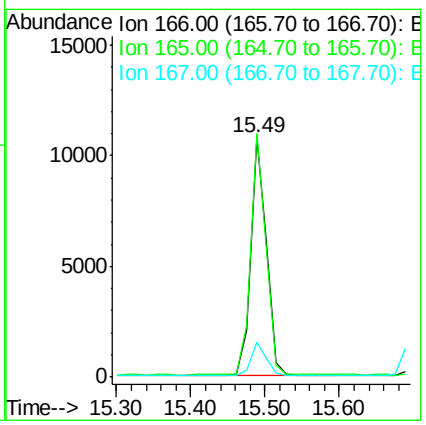


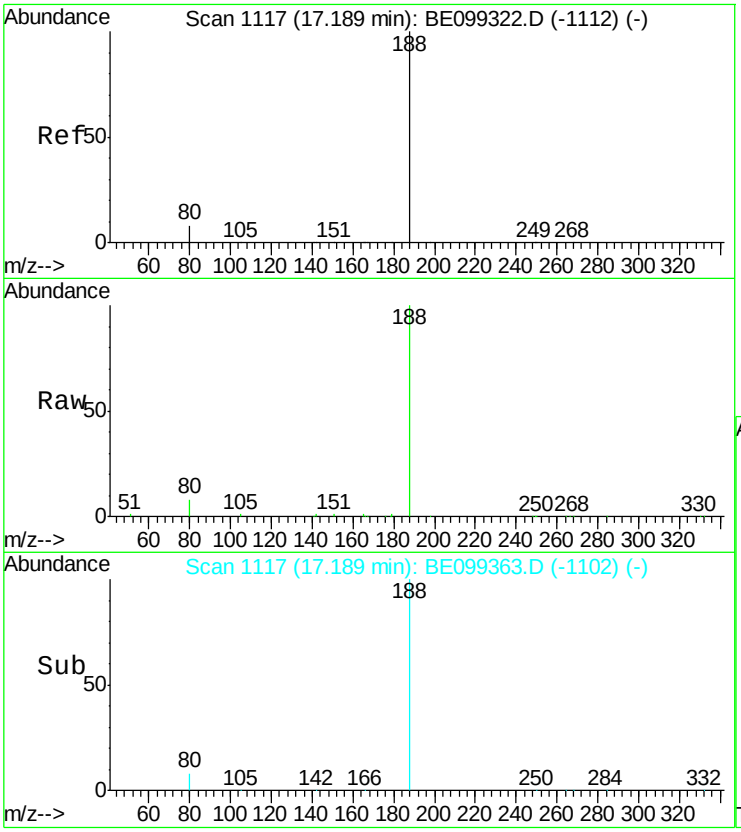


#18
Fluorene
Concen: 0.347 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:166 Resp: 16025

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.7	119.5
167	13.7	11.0	16.4



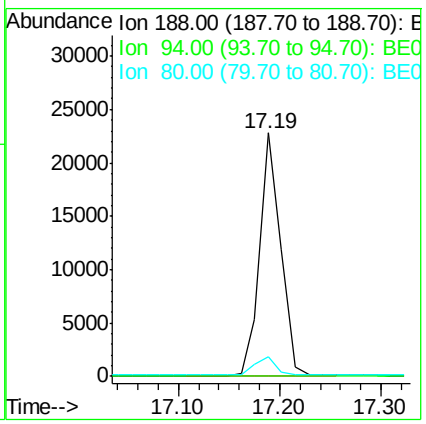


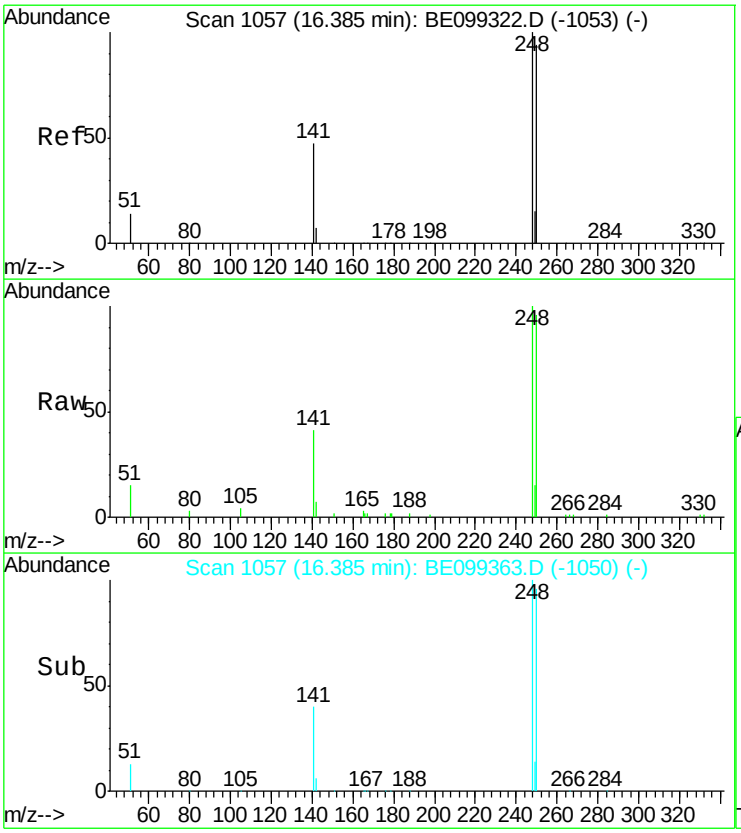
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 32998

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.2	9.4

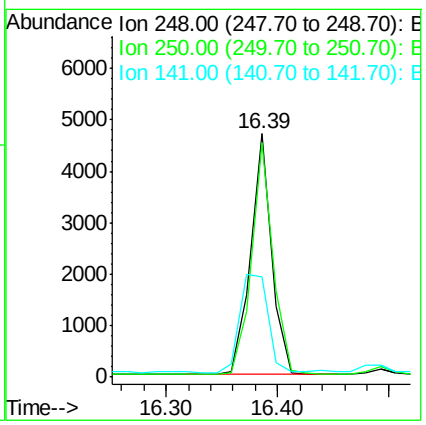


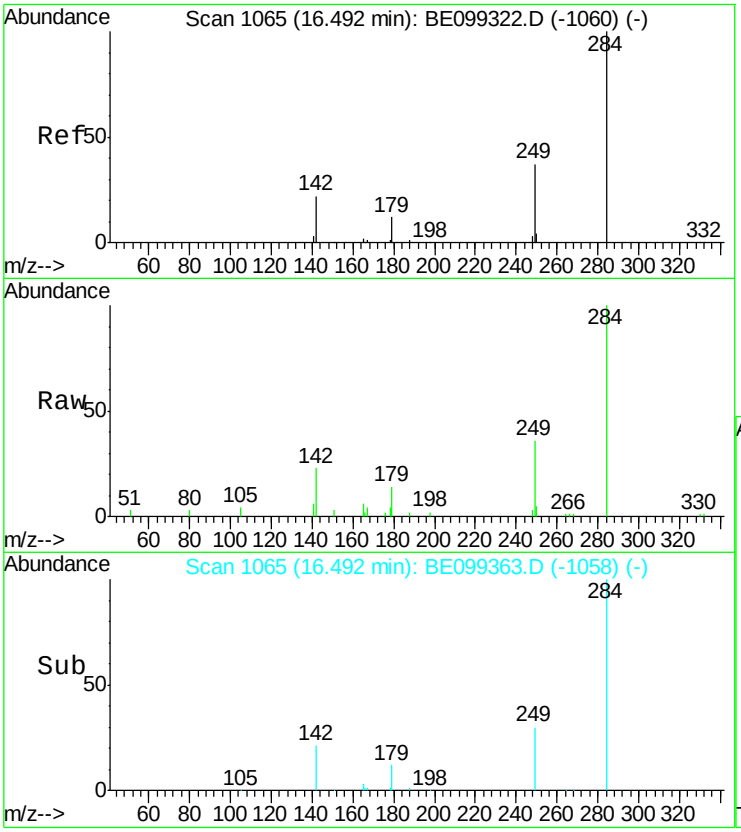


#20
4-Bromophenyl-phenylether
Concen: 0.337 ng
RT: 16.39 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:248 Resp: 6165

Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.6
141	41.3	31.1	46.7



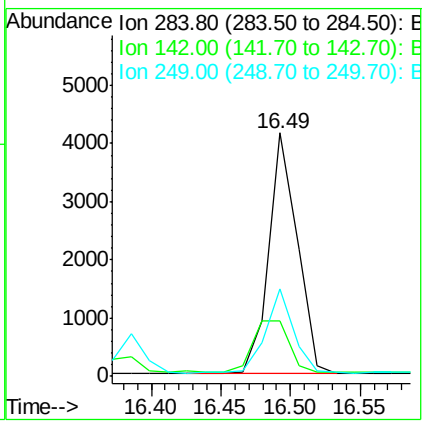


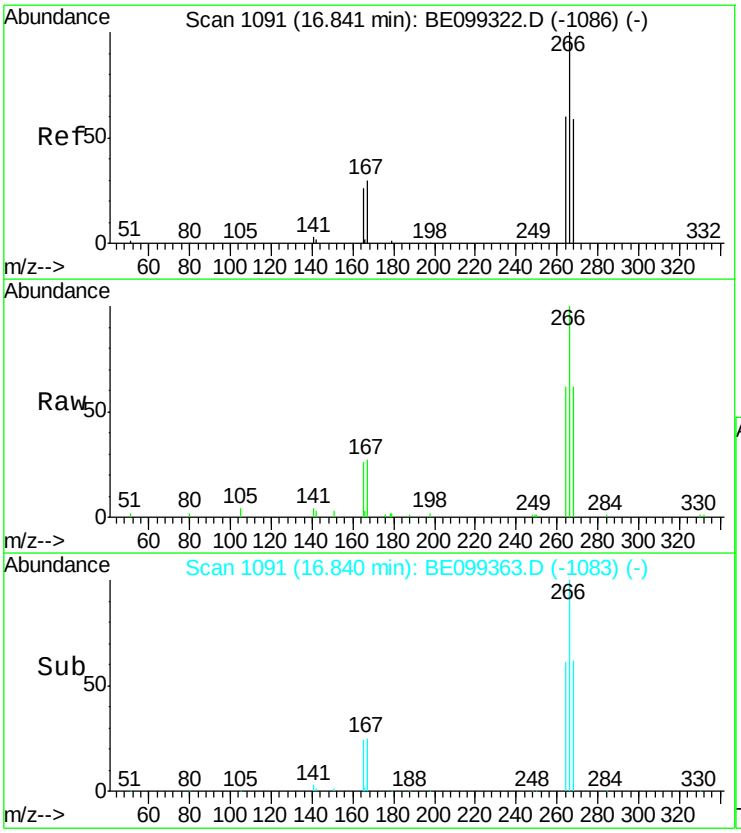
#21
Hexachlorobenzene
Concen: 0.336 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5898

Ion	Ratio	Lower	Upper
284	100		
142	27.6	21.8	32.6
249	34.2	26.2	39.4

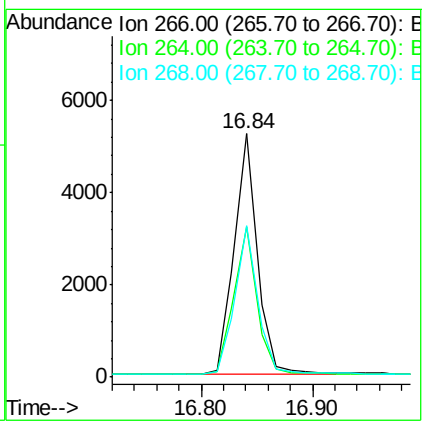


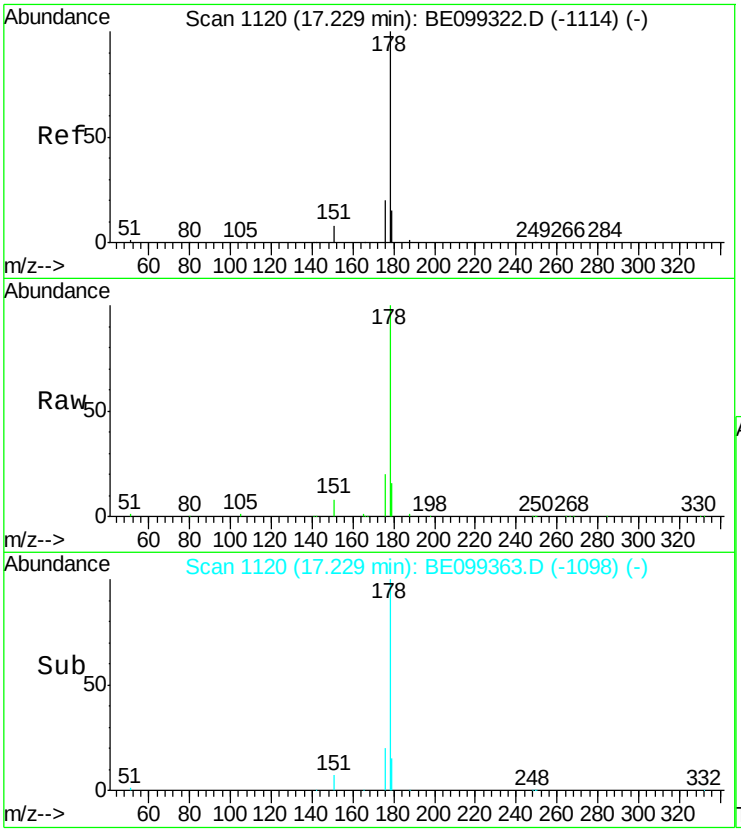


#22
Pentachlorophenol
Concen: 1.292 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:266 Resp: 7606

Ion	Ratio	Lower	Upper
266	100		
264	61.8	54.5	81.7
268	62.1	54.3	81.5



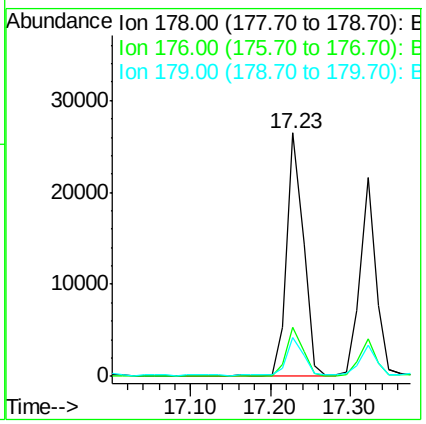


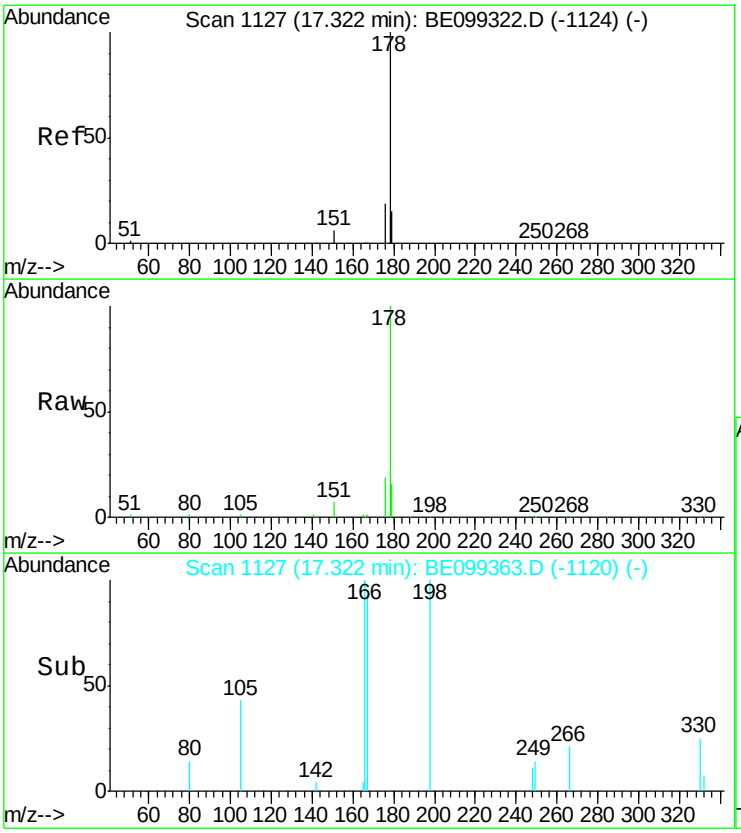
#23
Phenanthrene
Concen: 0.437 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 38198

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.3	12.4	18.6

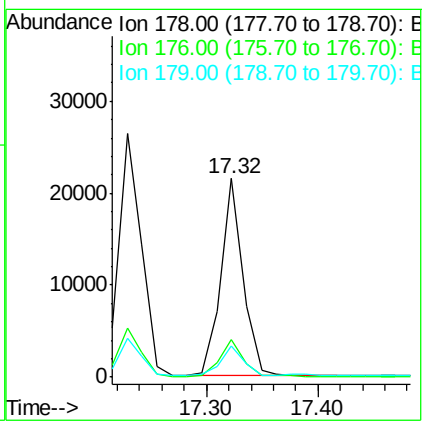


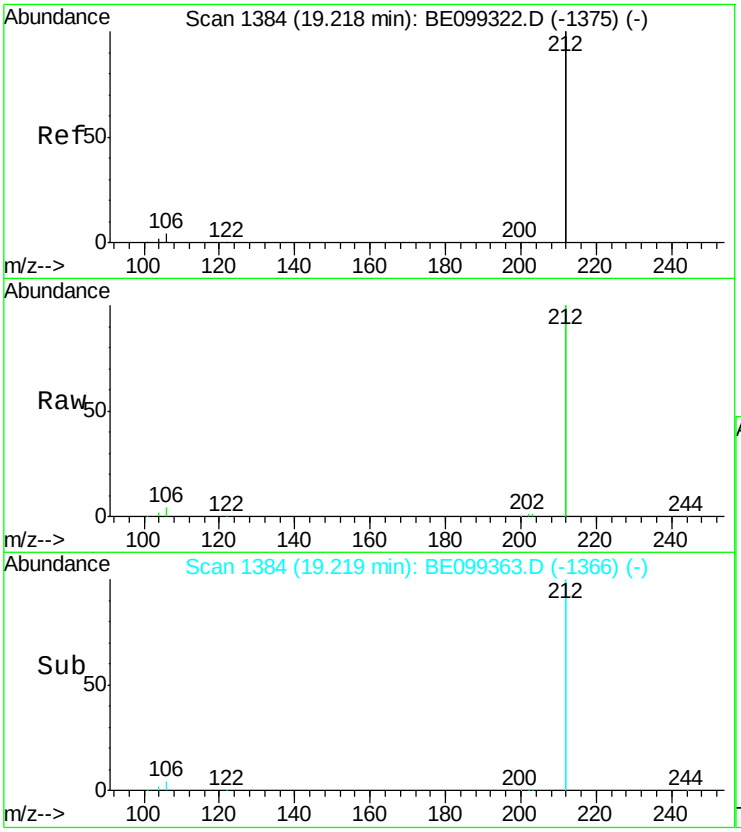


#24
Anthracene
Concen: 0.384 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:178 Resp: 29818

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.5	11.9	17.9



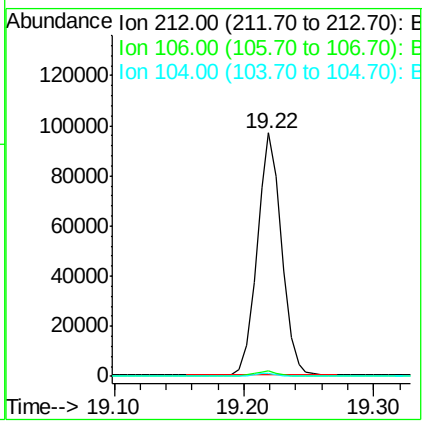


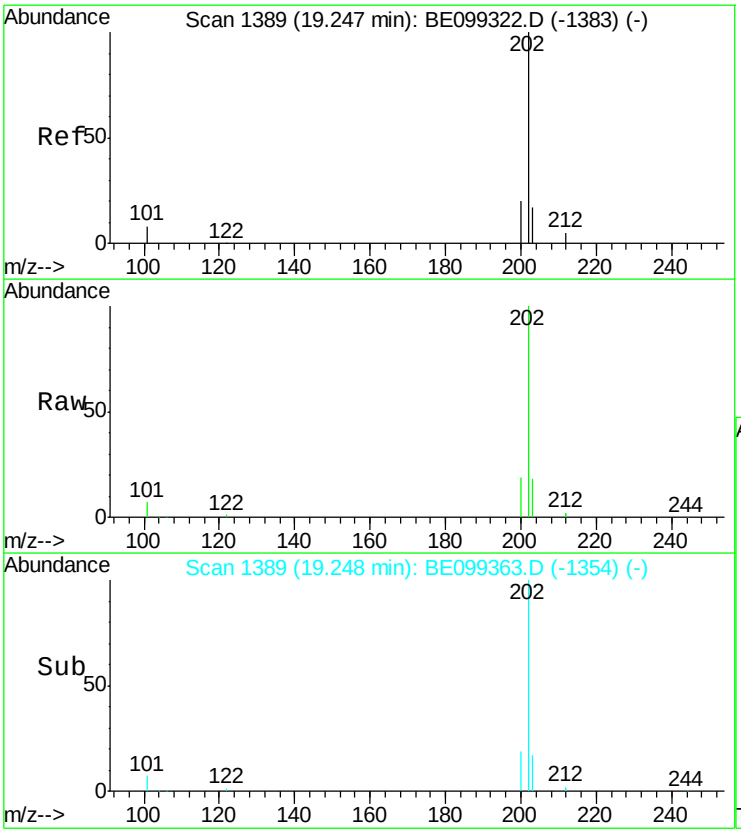
#25
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 125901

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.6
104	1.1	1.0	1.4

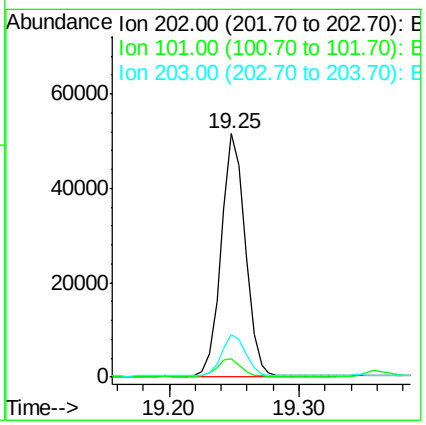


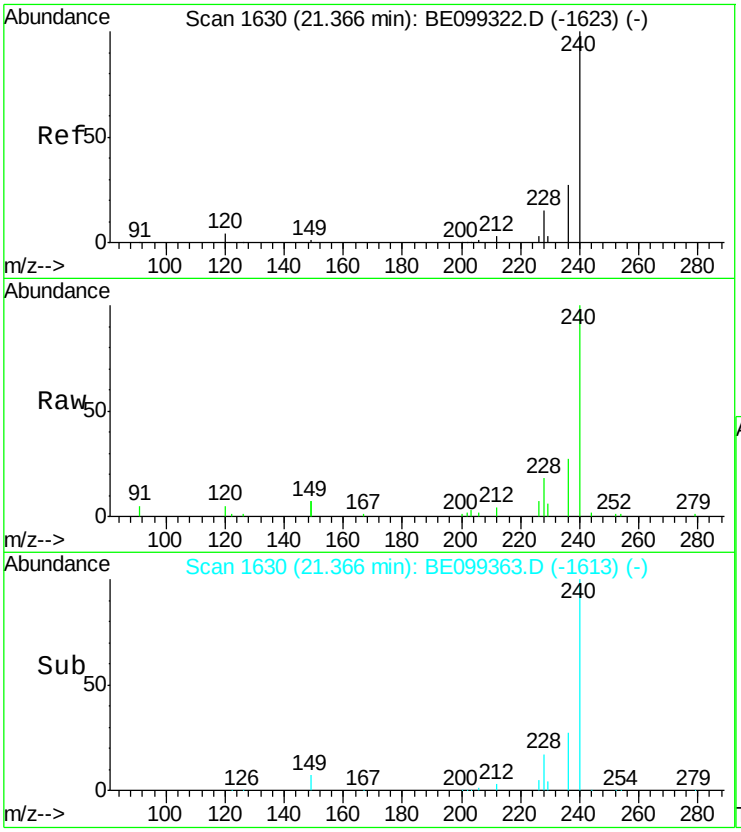


#26
Fluoranthene
Concen: 0.564 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:202 Resp: 65946

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.4	9.6
203	17.2	13.5	20.3



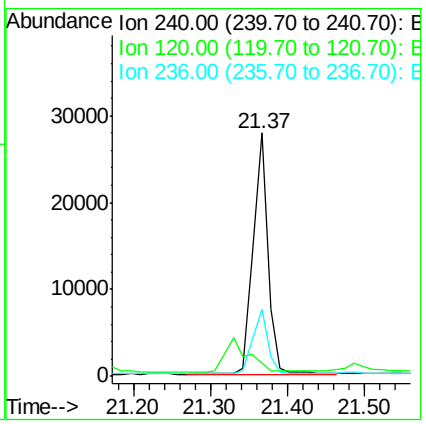


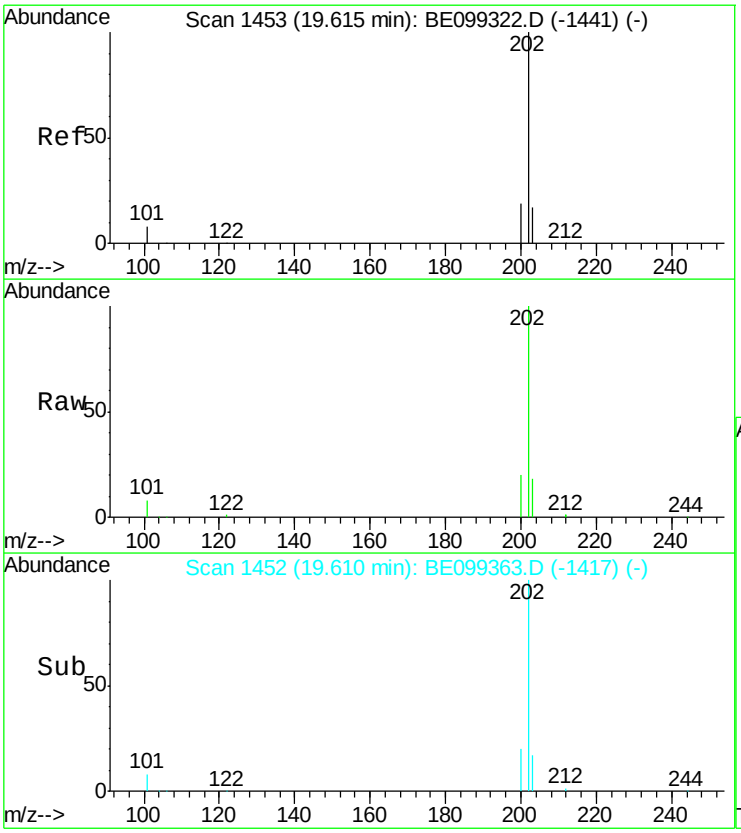
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 36859

Ion	Ratio	Lower	Upper
240	100		
120	5.4	2.2	3.2#
236	27.3	20.2	30.4

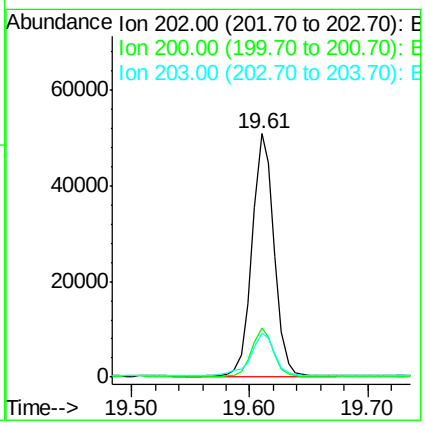


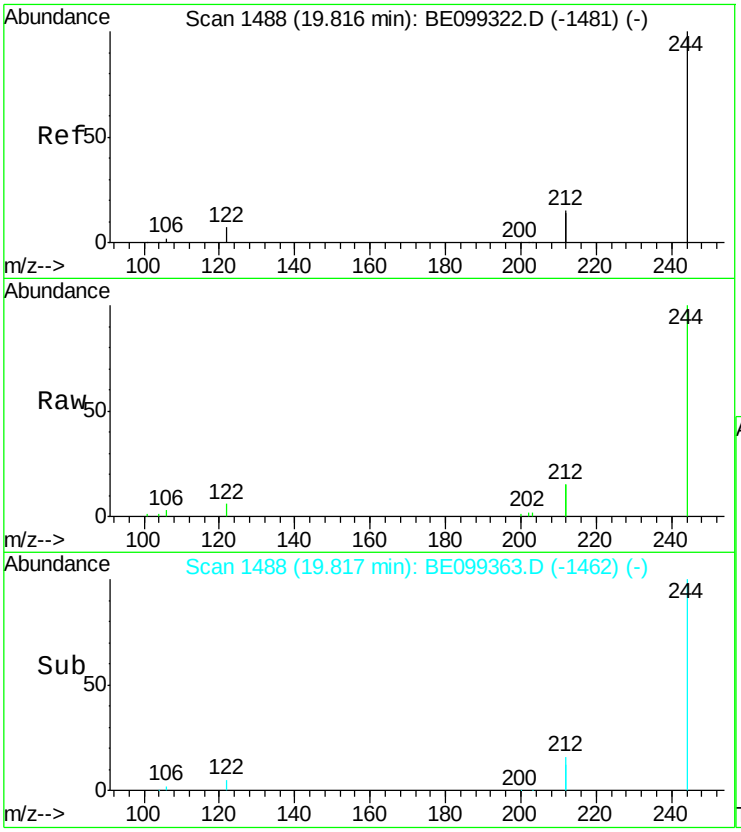


#28
Pyrene
Concen: 0.607 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:202 Resp: 65937

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	19.1	13.7	20.5



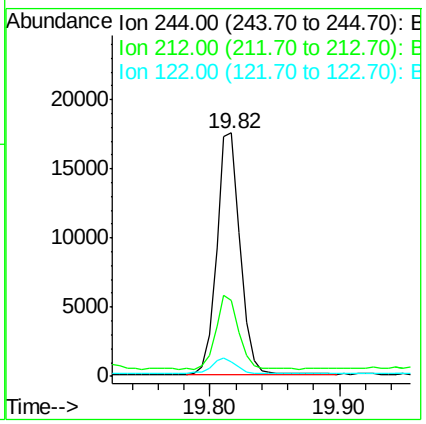


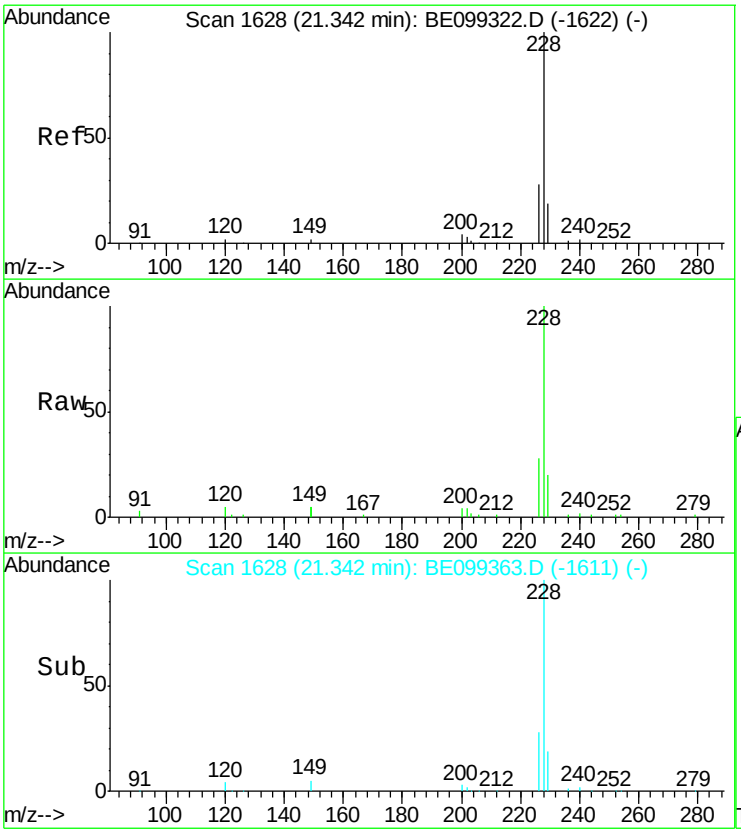
#29
Terphenyl-d14
Concen: 0.301 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 21838

Ion	Ratio	Lower	Upper
244	100		
212	31.0	22.6	33.8
122	6.0	4.6	7.0

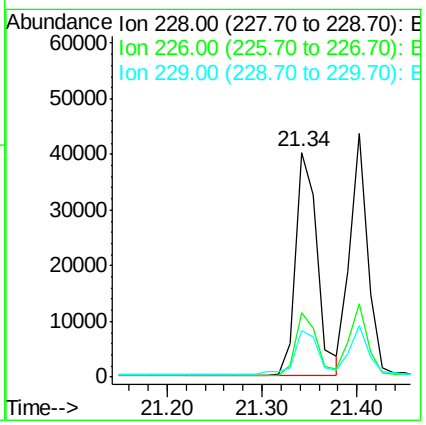


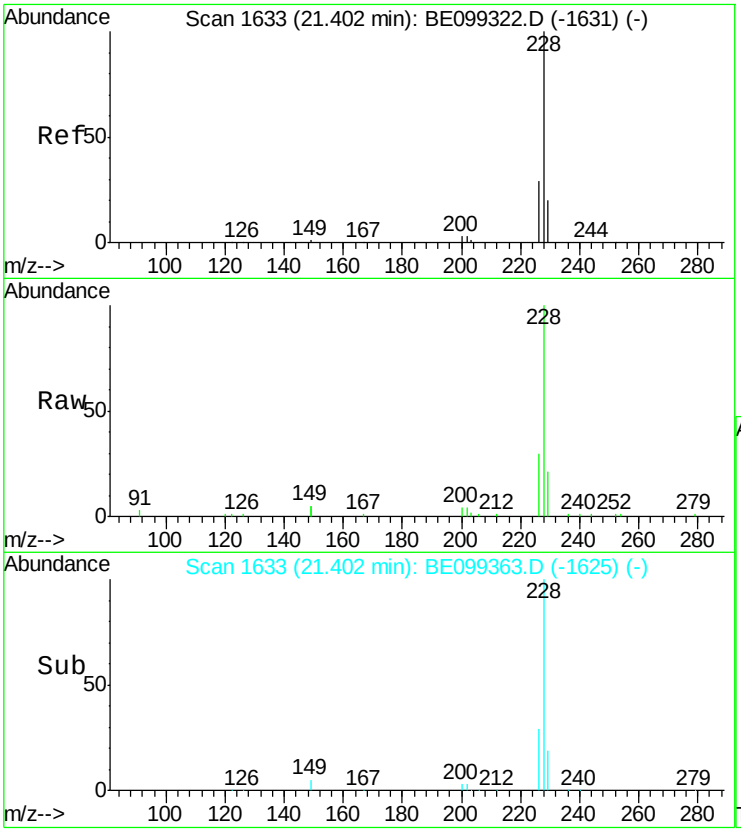


#30
Benzo(a)anthracene
Concen: 0.583 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:228 Resp: 63178

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.0	33.0
229	20.4	15.8	23.8



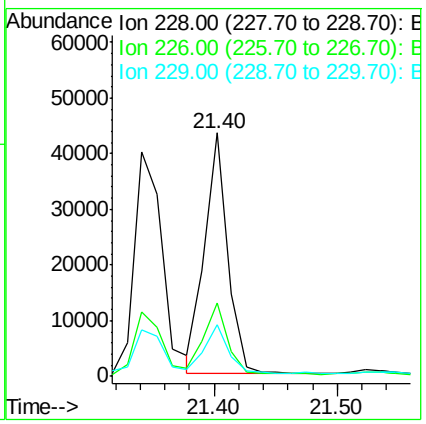


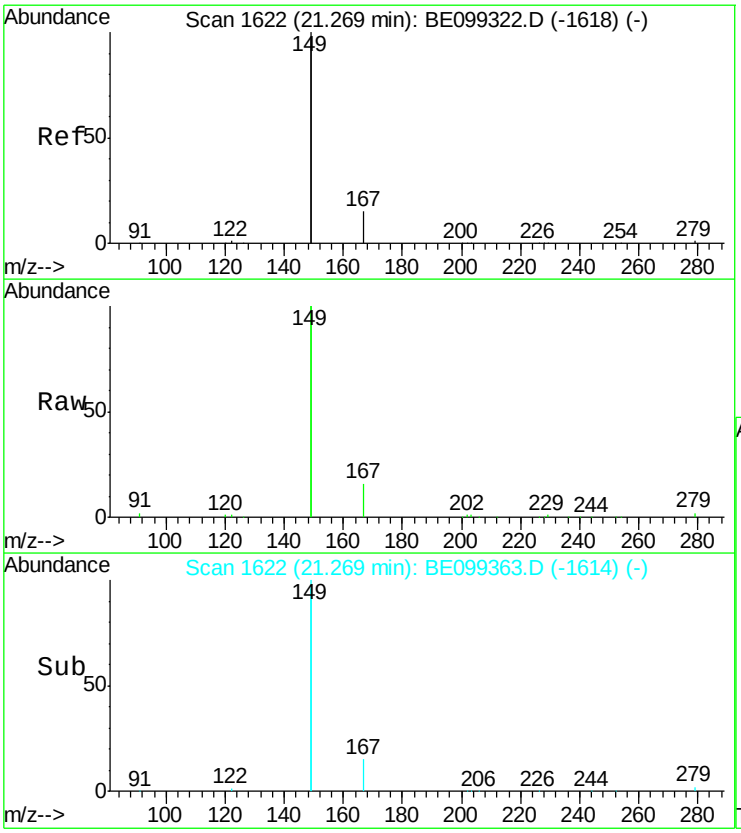
#31
Chrysene
Concen: 0.489 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 56361

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	21.0	16.2	24.2

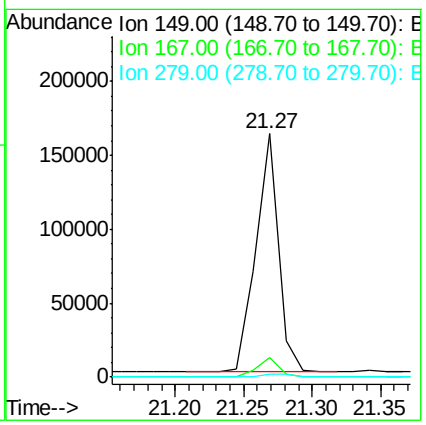


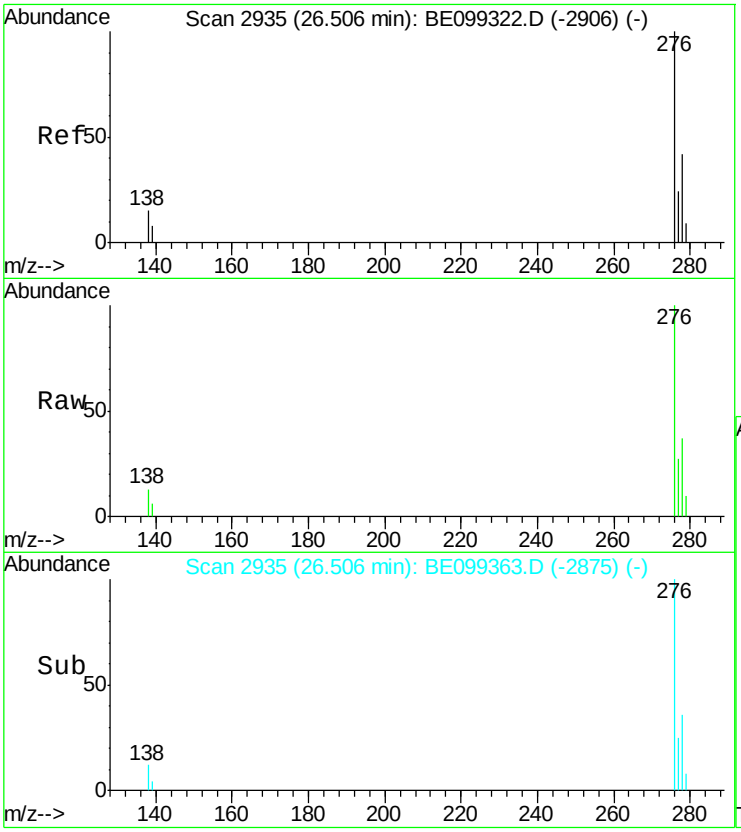


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.870 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:149 Resp: 184358

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.0	9.0
279	1.4	1.1	1.7



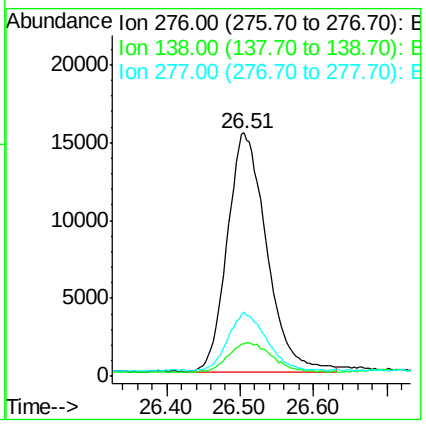


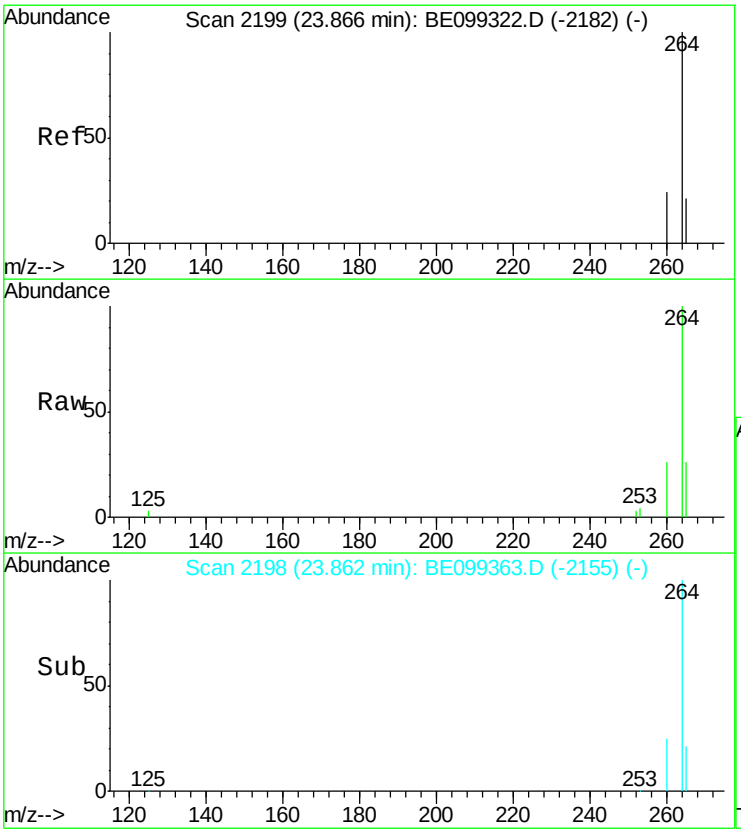
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.500 ng
RT: 26.51 min Scan# 2935
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 56940

Ion	Ratio	Lower	Upper
276	100		
138	13.5	12.7	19.1
277	23.7	19.6	29.4

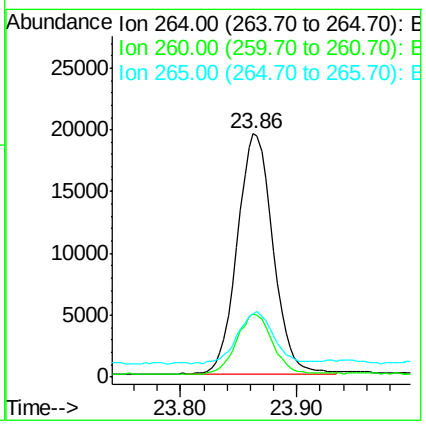


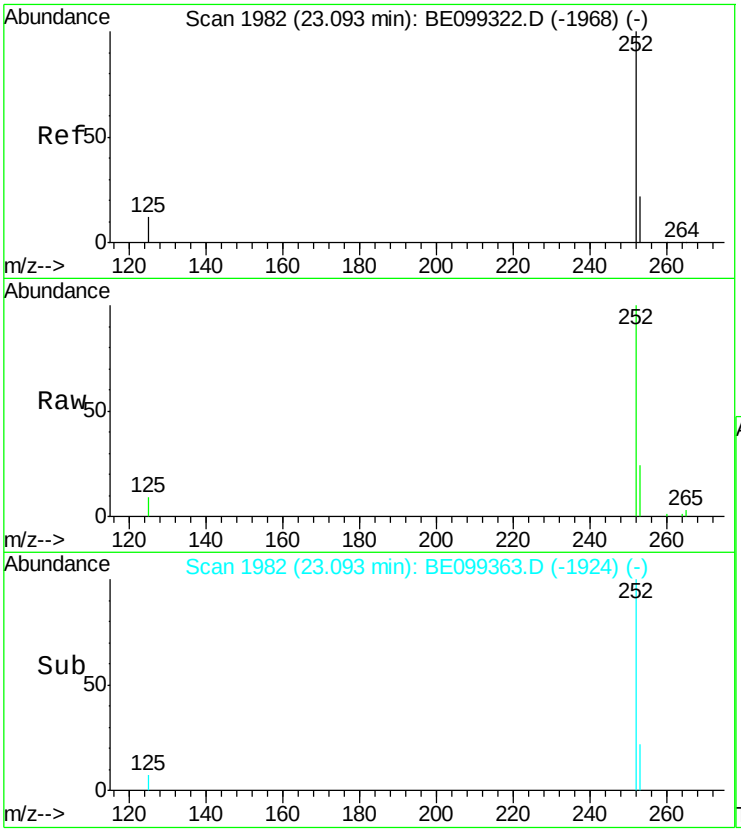


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:264 Resp: 41492

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	26.2	19.9	29.9



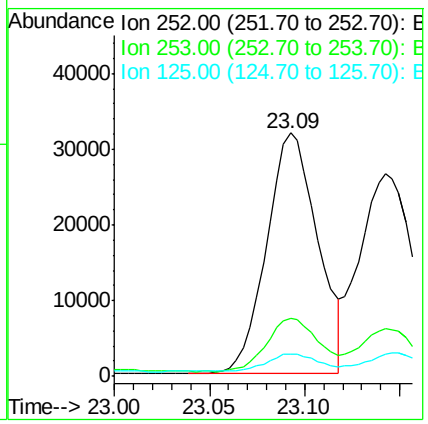


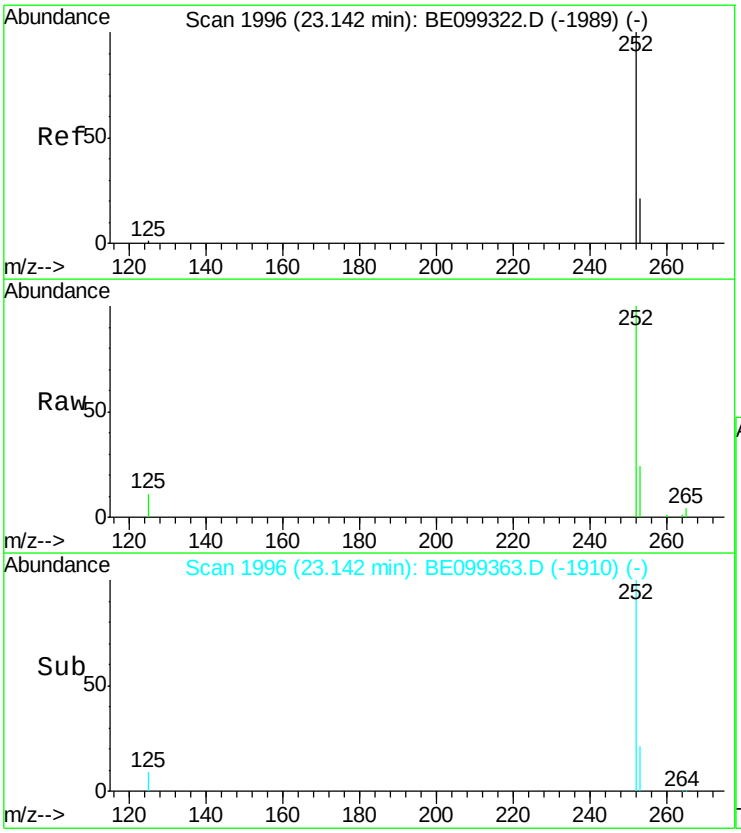
#35
Benzo(b)fluoranthene
Concen: 0.467 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 59309

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	9.1	5.8	8.6#

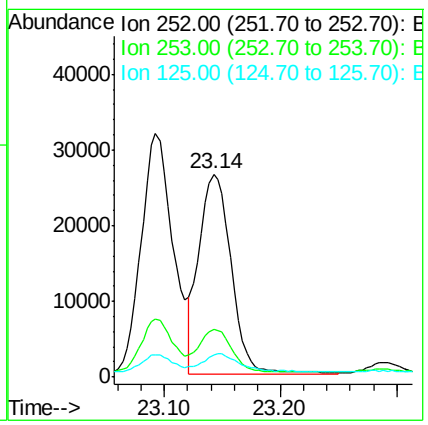


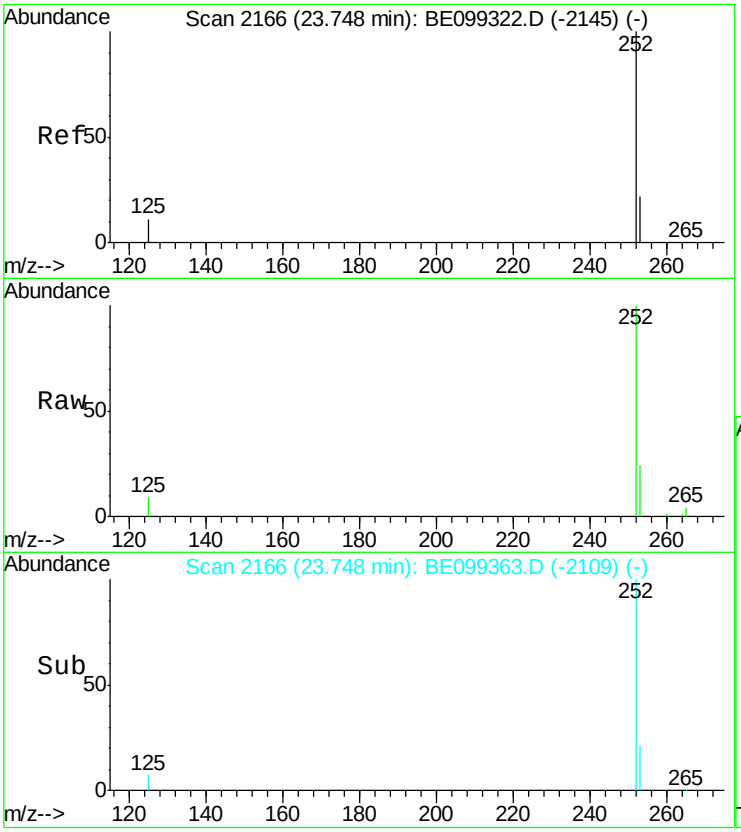


#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:252 Resp: 50797

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	11.1	5.4	8.0#



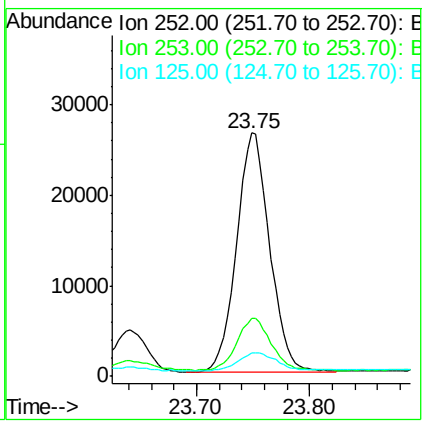


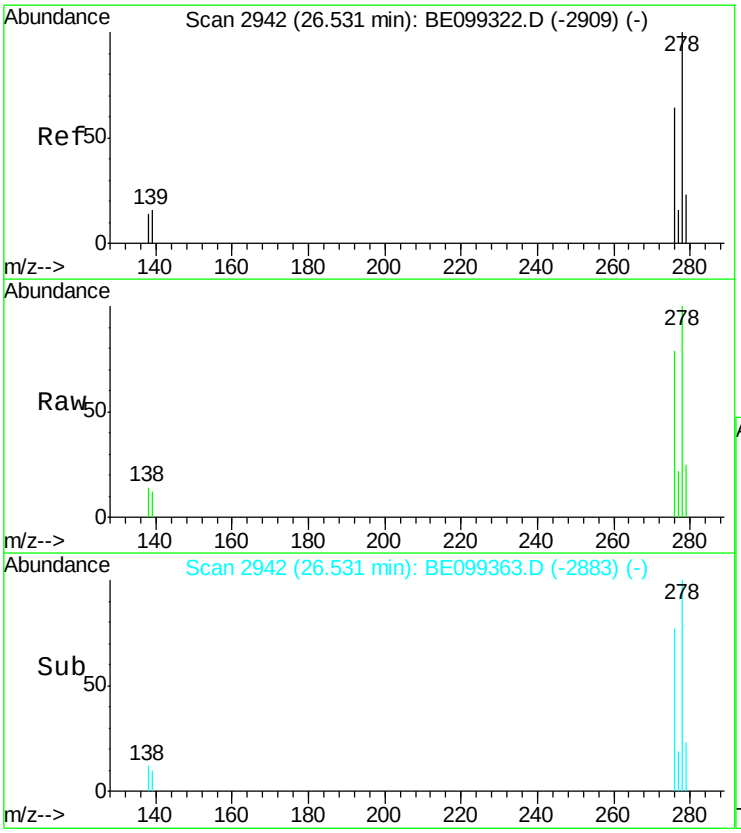
#37
Benzo(a)pyrene
Concen: 0.471 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 53646

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	9.5	6.5	9.7

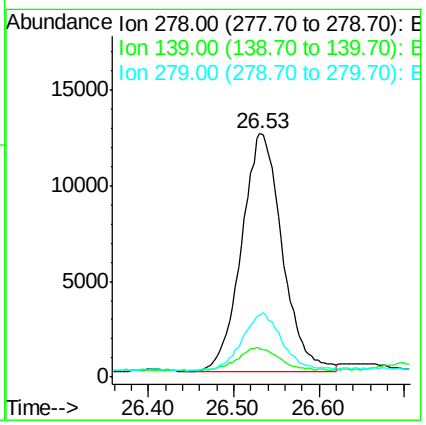


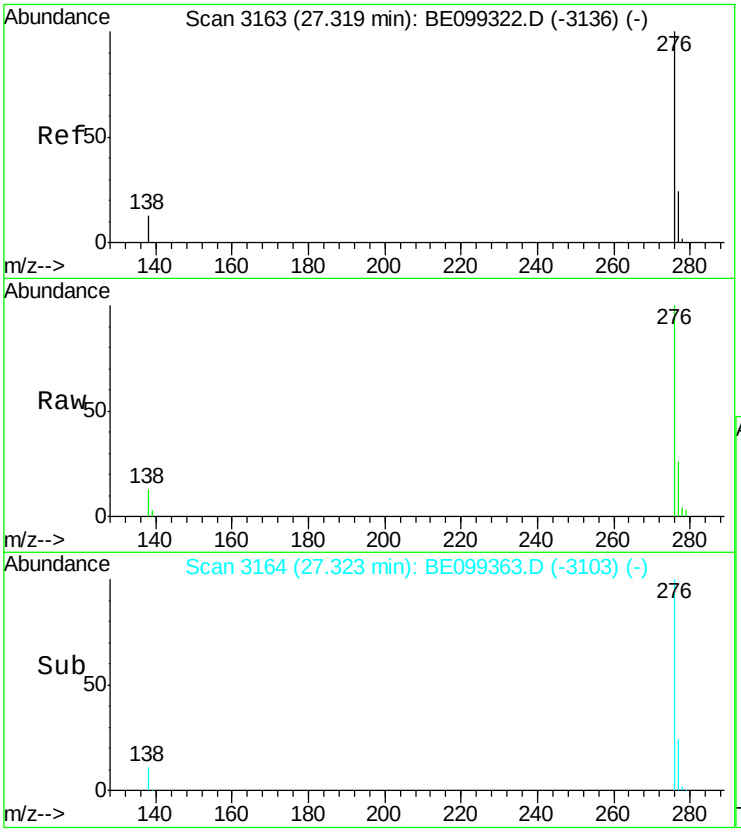


#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.53 min Scan# 2942
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:278 Resp: 41298

Ion	Ratio	Lower	Upper
278	100		
139	11.9	8.5	12.7
279	25.4	19.8	29.8





#39
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 27.32 min Scan# 3164
Delta R.T. 0.02 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 47566

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.0	30.0
138	13.2	11.1	16.7