Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099356.D
Acq On : 25 Apr 2019 12:00
Operator : JU/SJ
Sample : K2534-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 26 00:41:28 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	3750	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	15234	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	11283	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	30068	0.40	ng		0.00
27) Chrysene-d12	21.37	240	33044	0.40	ng		0.00
34) Perylene-d12	23.86	264	35933	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3615	0.39	ng		0.00
5) Phenol-d6	6.96	99	5989	0.46	ng		-0.01
8) Nitrobenzene-d5	8.96	82	3938	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	8690	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.93	330	2424	0.65	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	13529	0.31	ng		0.00
25) Fluoranthene-d10	19.22	212	95740	0.27	ng		0.00
29) Terphenyl-d14	19.82	244	18572	0.29	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.24	93	460	0.038	ng	#	1
9) Naphthalene	10.65	128	19784	0.119	ng		99
12) 2-Methylnaphthalene	12.27	142	3189	0.113	ng		95
16) Acenaphthylene	14.18	152	9303	0.182	ng		99
17) Acenaphthene	14.51	154	5768	0.184	ng		98
18) Fluorene	15.49	166	12226	0.271	ng		88
22) Pentachlorophenol	16.84	266	398	0.282	ng		95
23) Phenanthrene	17.23	178	235958	2.963	ng		99
24) Anthracene	17.32	178	31446	0.444	ng	#	93
26) Fluoranthene	19.25	202	502740	4.717	ng		99
28) Pyrene	19.61	202	449136	4.614	ng	#	95
30) Benzo(a)anthracene	21.34	228	251240	2.586	ng		96
31) Chrysene	21.40	228	278343	2.692	ng		96
32) Bis(2-ethylhexyl)phthalate	21.27	149	469805	5.315	ng		100
33) Indeno(1,2,3-cd)pyrene	26.51	276	161827	1.585	ng	#	95
35) Benzo(b)fluoranthene	23.09	252	319988	2.909	ng	#	91
36) Benzo(k)fluoranthene	23.09	252	319988	2.918	ng	#	93
37) Benzo(a)pyrene	23.75	252	218758	2.220	ng		95
38) Dibenzo(a,h)anthracene	26.52	278	40083	0.398	ng	#	73
39) Benzo(g,h,i)perylene	27.33	276	170416	1.668	ng		98

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

Quantitation Report (Not Reviewed)

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Data File : BE099356.D
Acq On : 25 Apr 2019 12:00
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Sample : K2534-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 26 00:41:28 2019
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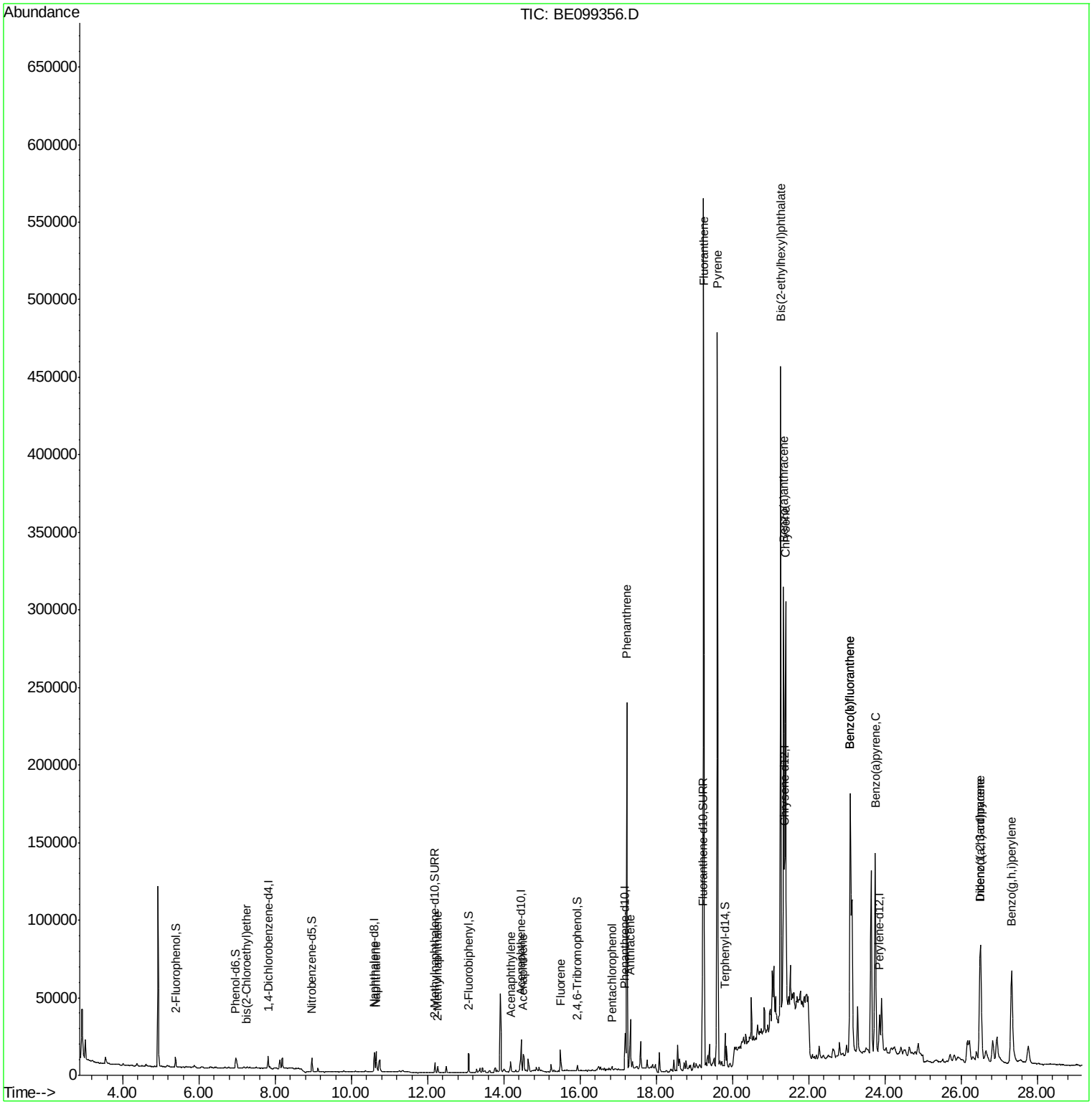
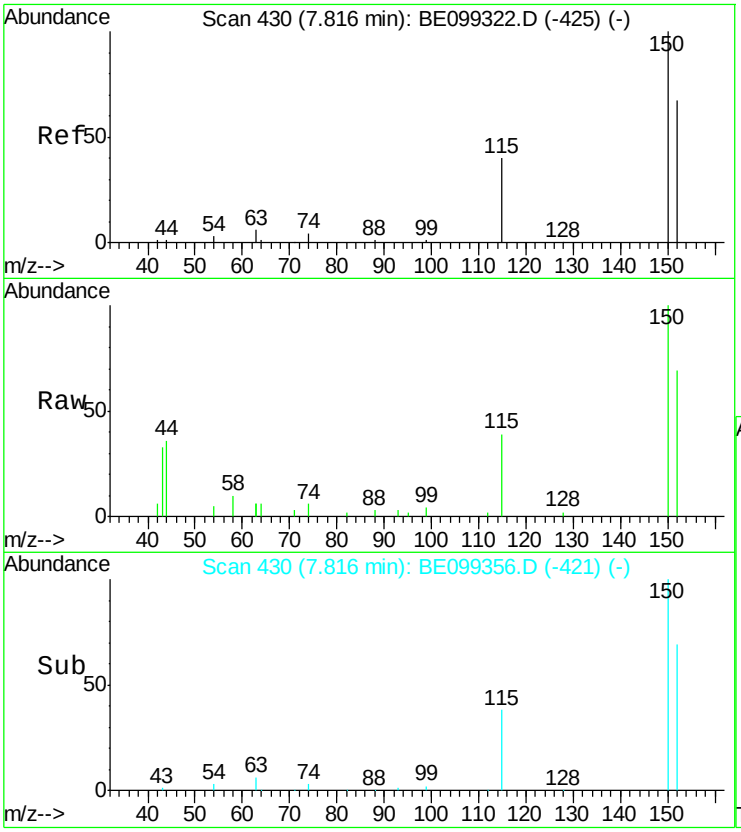
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration



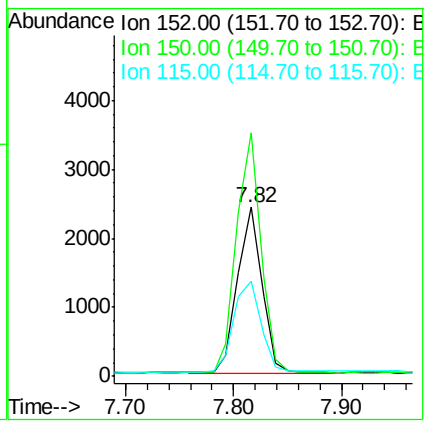


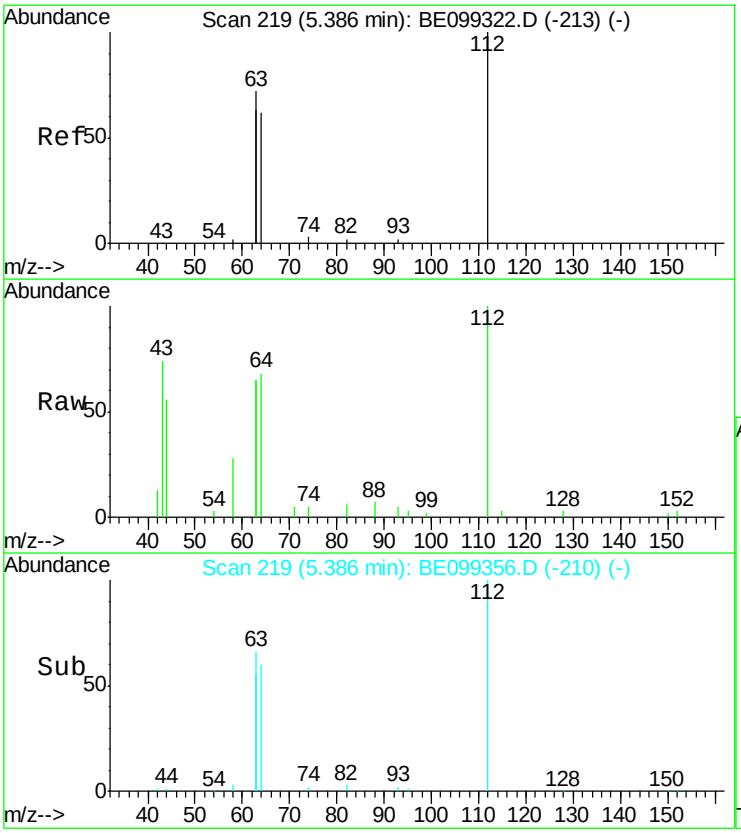
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3750

Ion	Ratio	Lower	Upper
152	100		
150	143.9	119.5	179.3
115	56.5	47.5	71.3

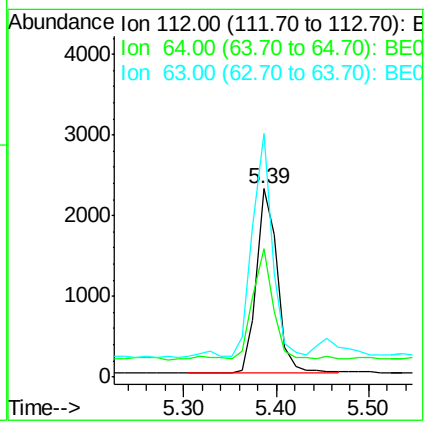


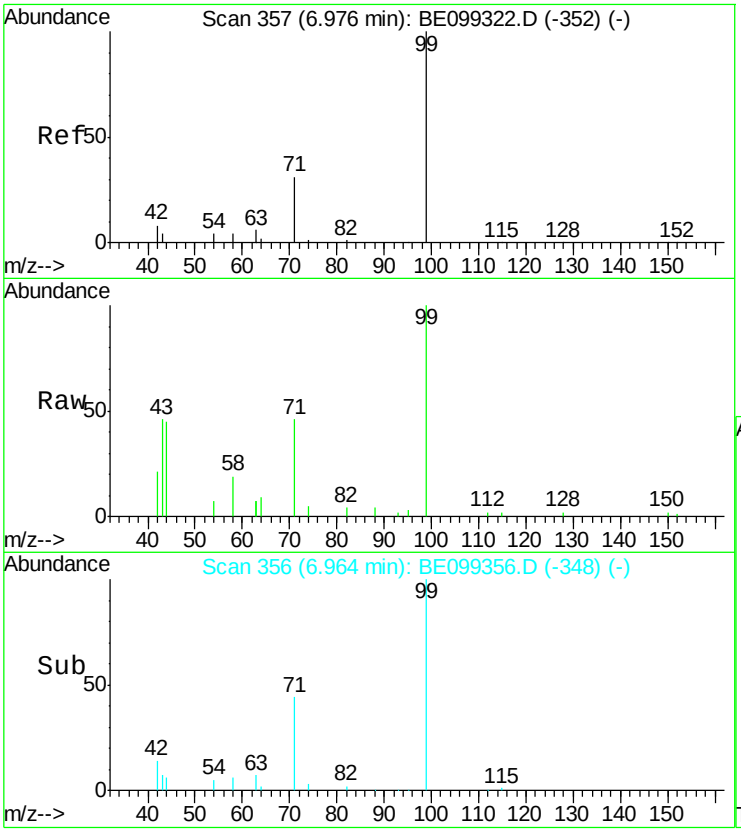


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:112 Resp: 3615

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.9	67.3
63	114.5	97.4	146.0



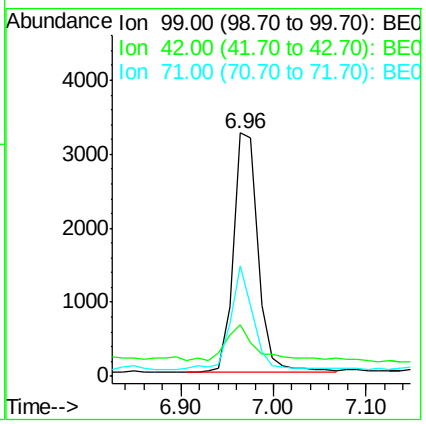


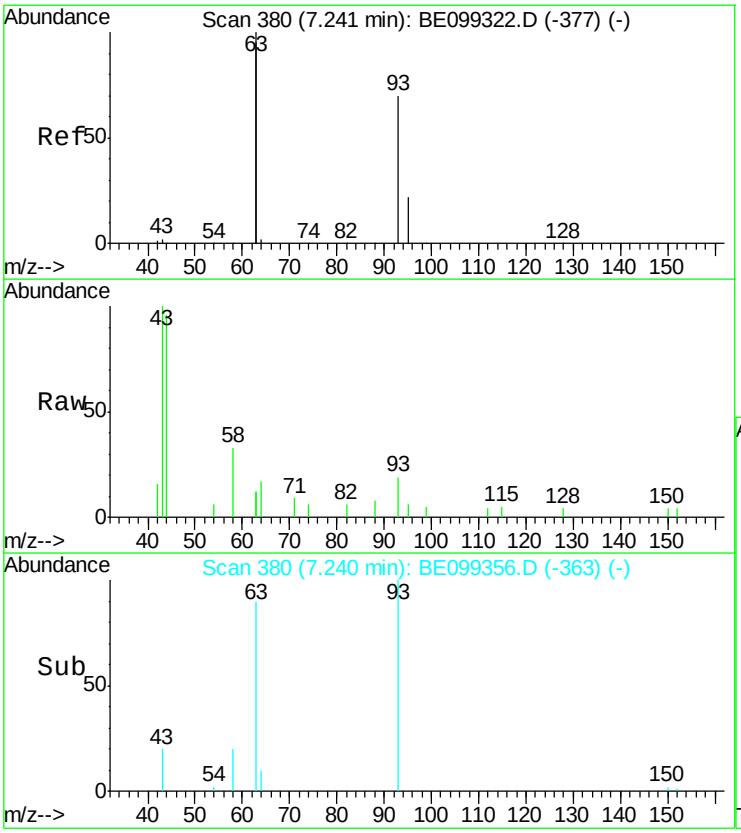
#5
Phenol-d6
Concen: 0.458 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5989

Ion	Ratio	Lower	Upper
99	100		
42	20.2	11.7	17.5#
71	40.2	29.6	44.4

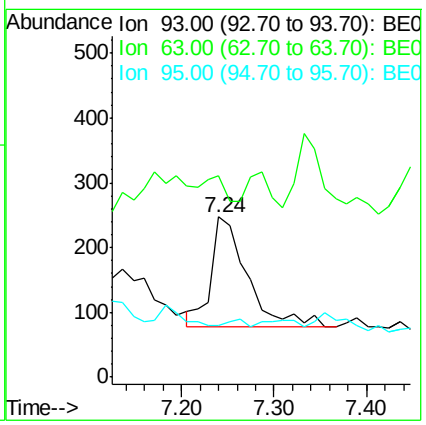


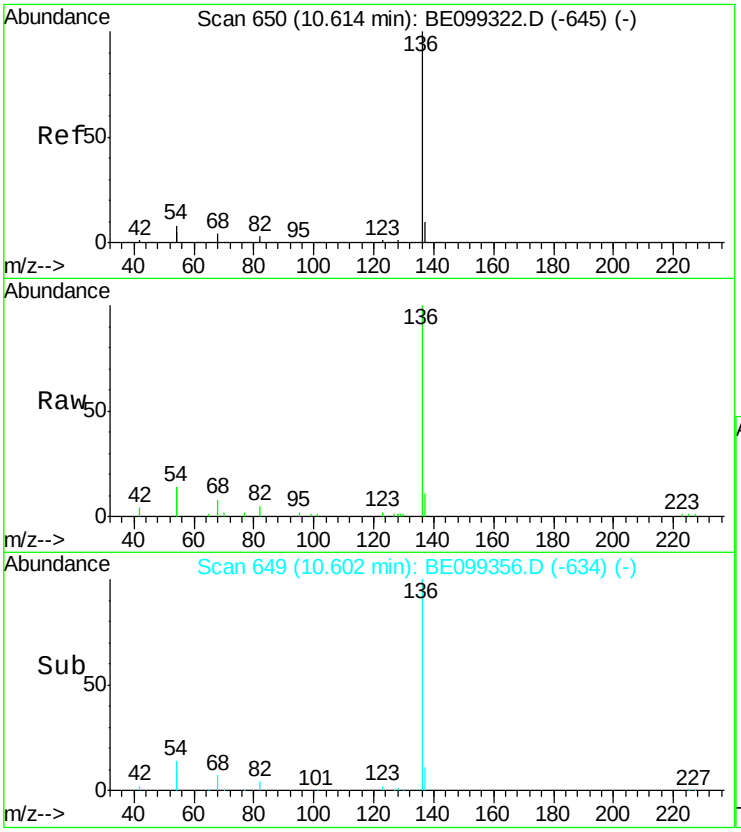


#6
bis(2-Chloroethyl)ether
Concen: 0.038 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion: 93 Resp: 460

Ion	Ratio	Lower	Upper
93	100		
63	0.0	216.6	324.8#
95	0.0	25.8	38.6#



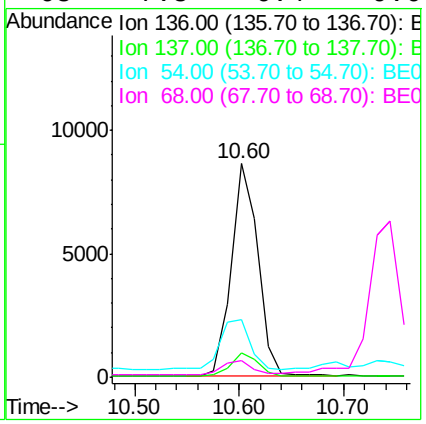


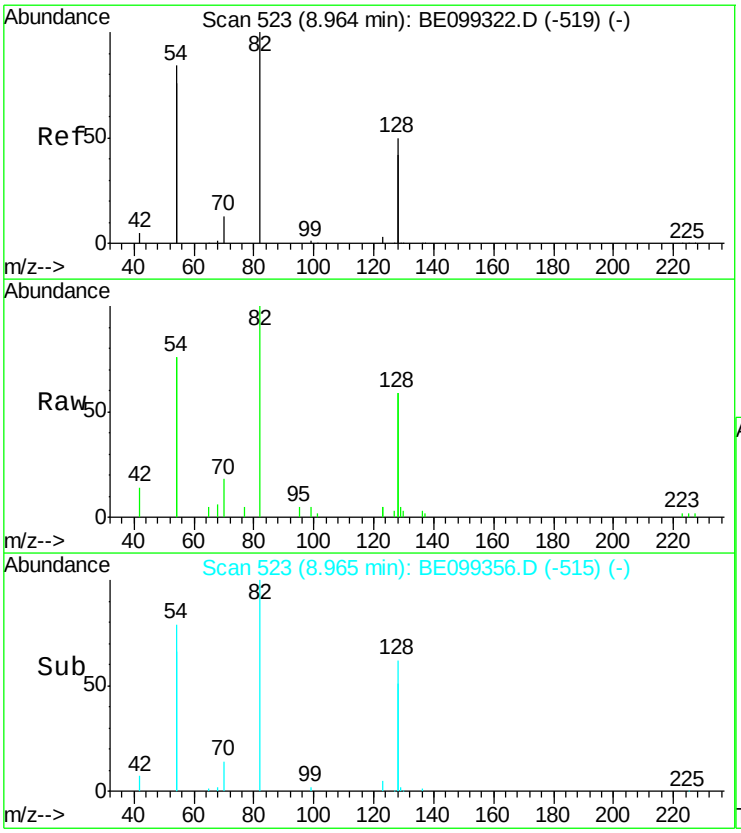
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 15234

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	27.1	23.8	35.8
68	7.8	6.4	9.6

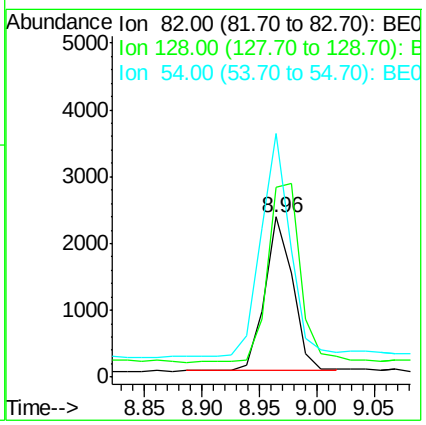


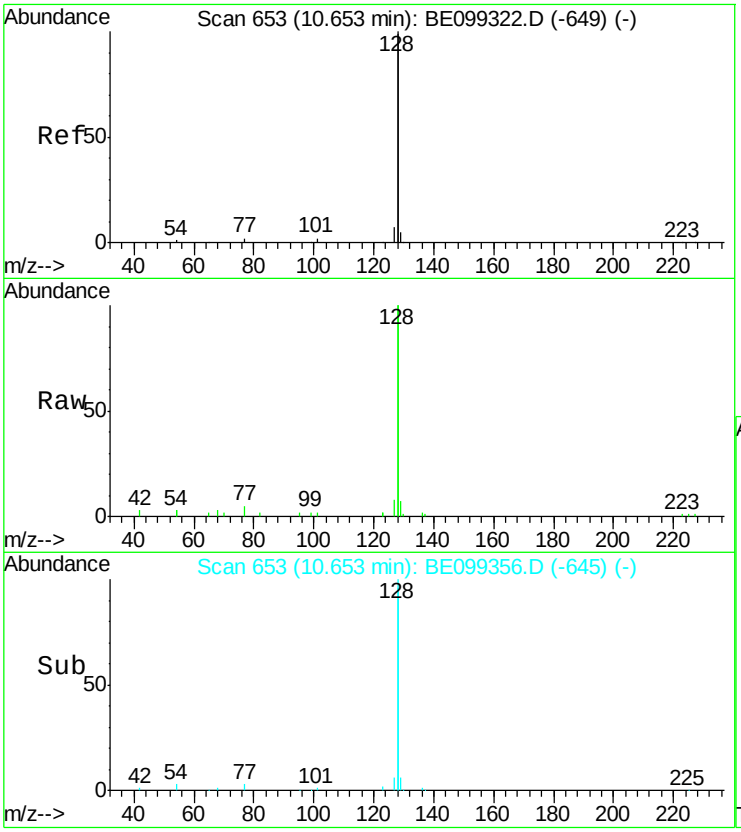


#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion: 82 Resp: 3938

Ion	Ratio	Lower	Upper
82	100		
128	119.0	91.7	137.5
54	152.3	122.8	184.2



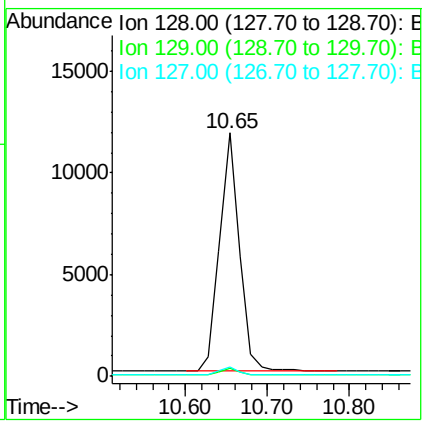


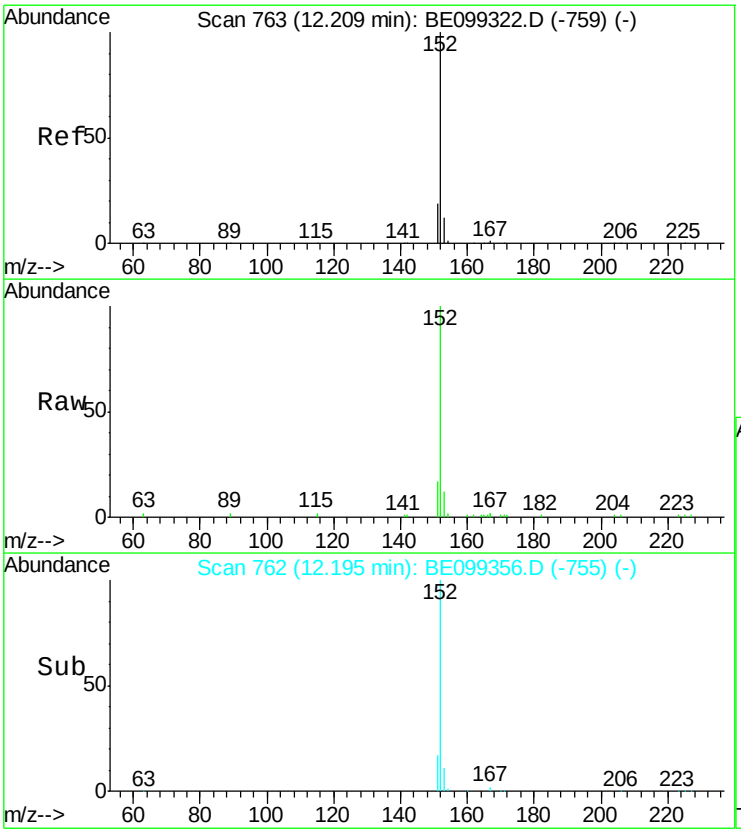
#9
Naphthalene
Concen: 0.119 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 19784

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.3	3.5
127	3.8	2.8	4.2

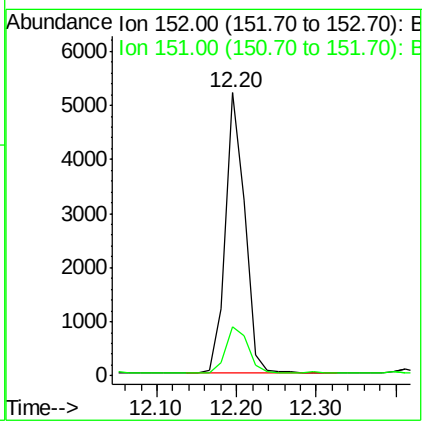


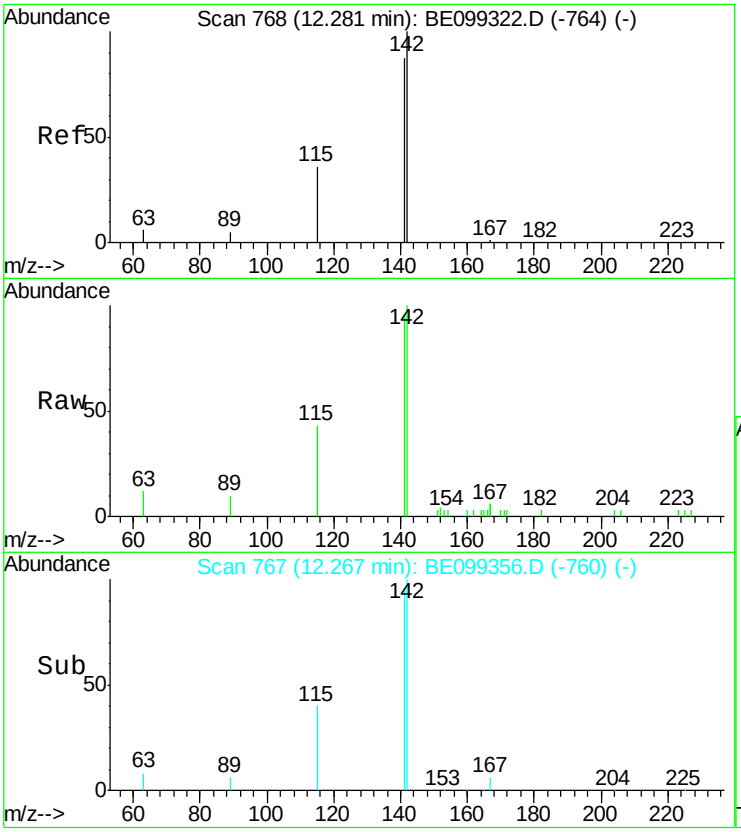


#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:152 Resp: 8690

Ion	Ratio	Lower	Upper
152	100		
151	19.4	14.9	22.3



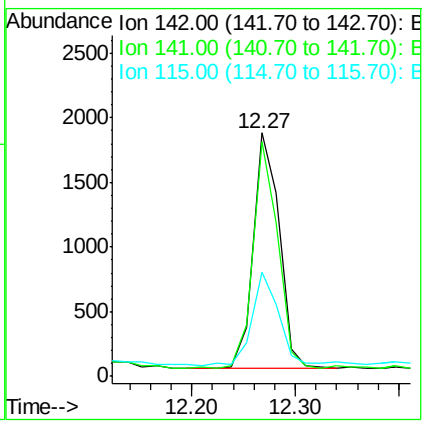


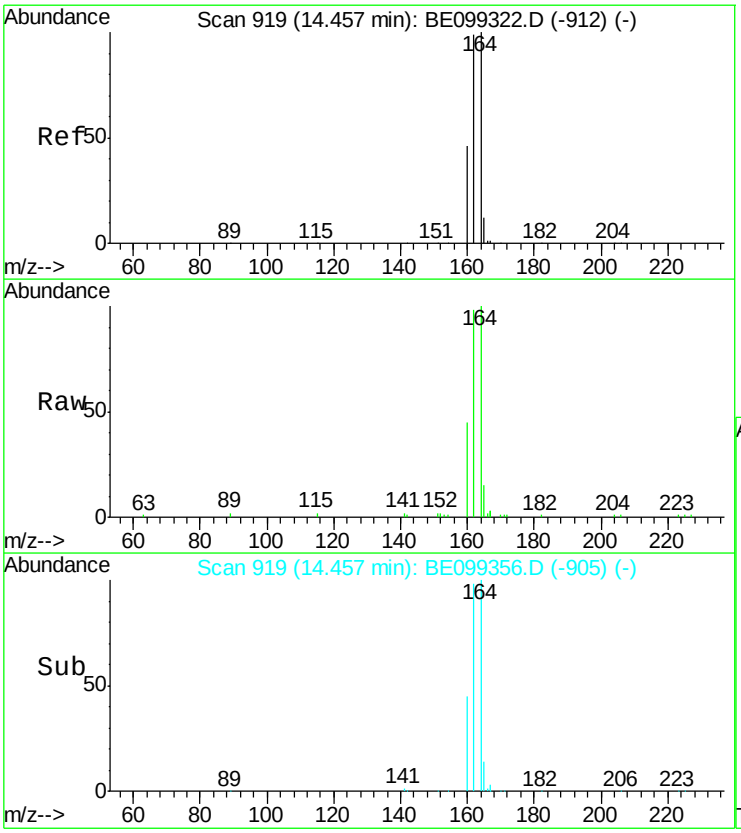
#12
2-Methylnaphthalene
Concen: 0.113 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 3189

Ion	Ratio	Lower	Upper
142	100		
141	96.2	72.0	108.0
115	43.0	33.4	50.0

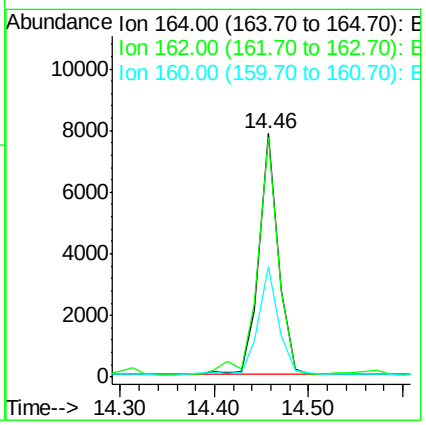


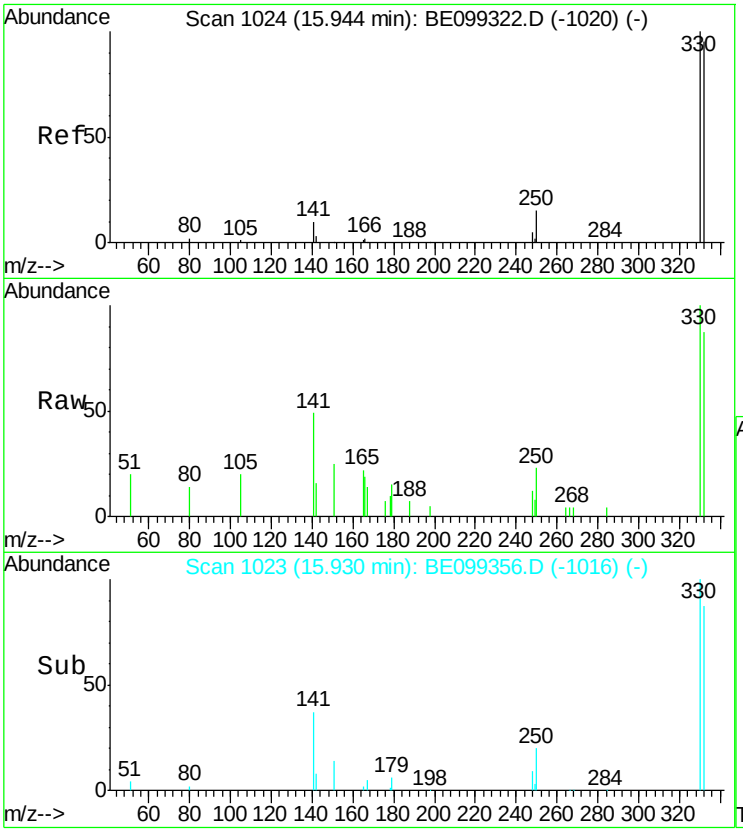


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:164 Resp: 11283

Ion	Ratio	Lower	Upper
164	100		
162	98.3	77.8	116.6
160	45.5	37.1	55.7



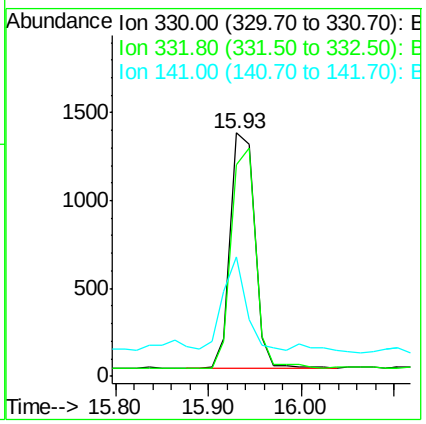


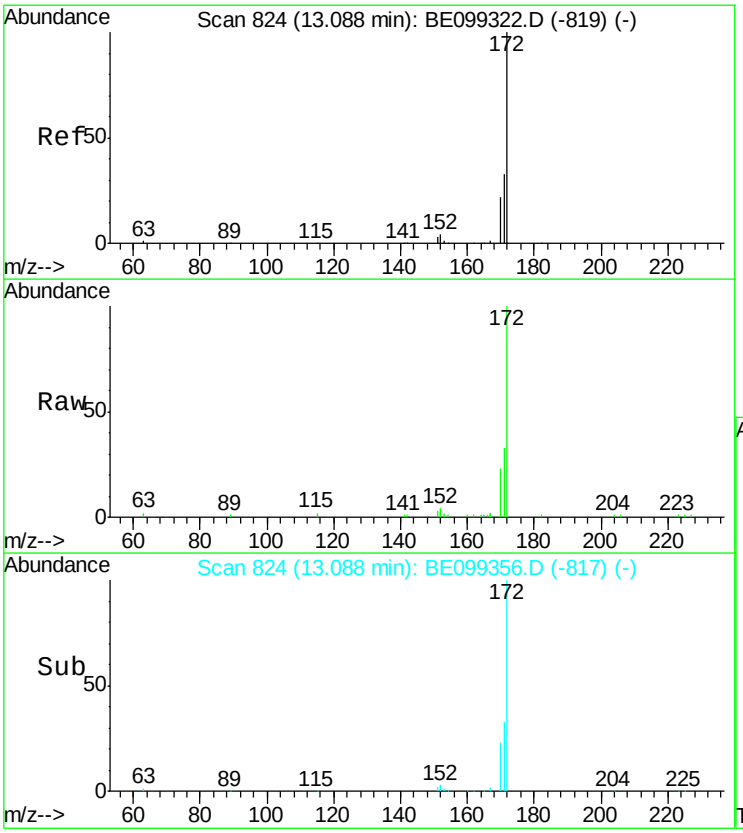
#14
2,4,6-Tribromophenol
Concen: 0.647 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2424

Ion	Ratio	Lower	Upper
330	100		
332	93.1	82.5	123.7
141	38.0	24.9	37.3#

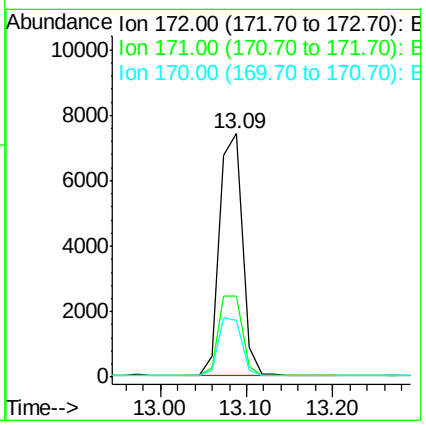


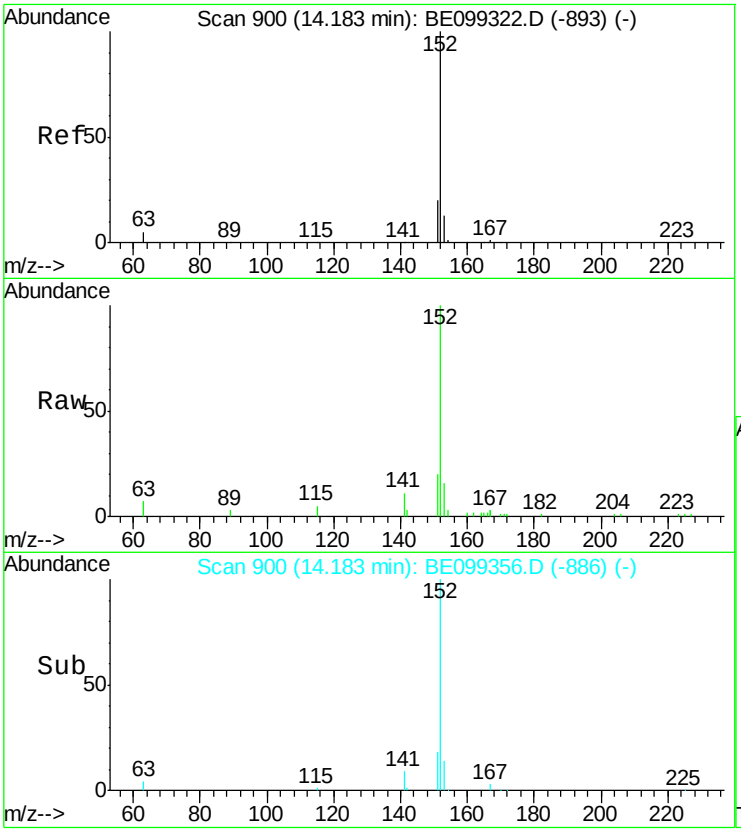


#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:172 Resp: 13529

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.2	39.2
170	23.3	18.1	27.1



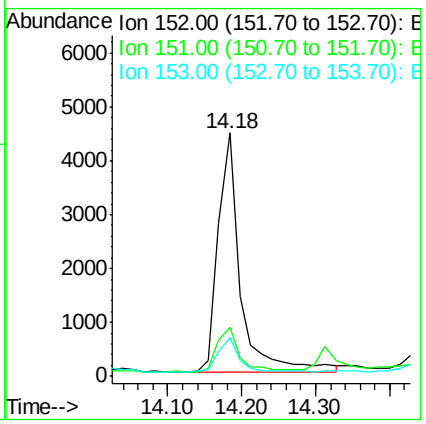


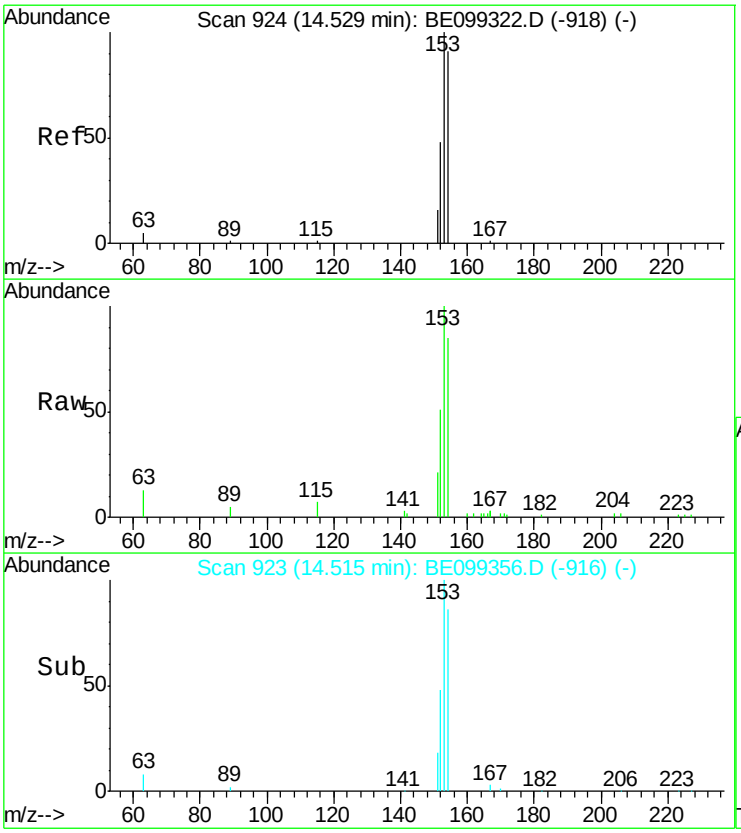
#16
Acenaphthylene
Concen: 0.182 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9303

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.5	23.3
153	12.8	10.2	15.4

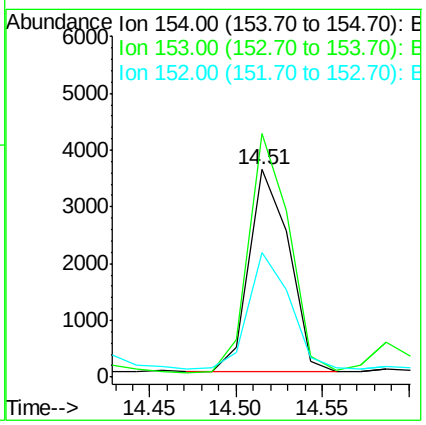


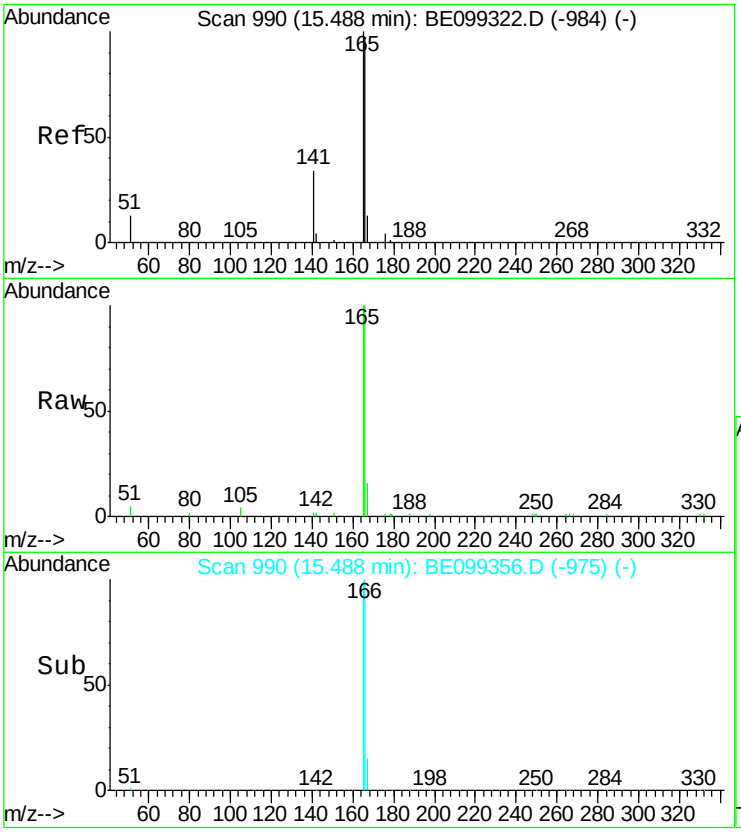


#17
Acenaphthene
Concen: 0.184 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:154 Resp: 5768

Ion	Ratio	Lower	Upper
154	100		
153	119.9	94.7	142.1
152	60.2	46.4	69.6



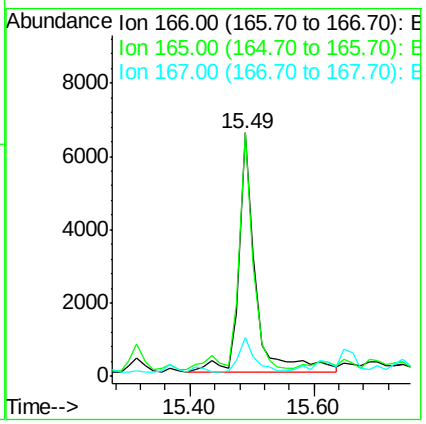


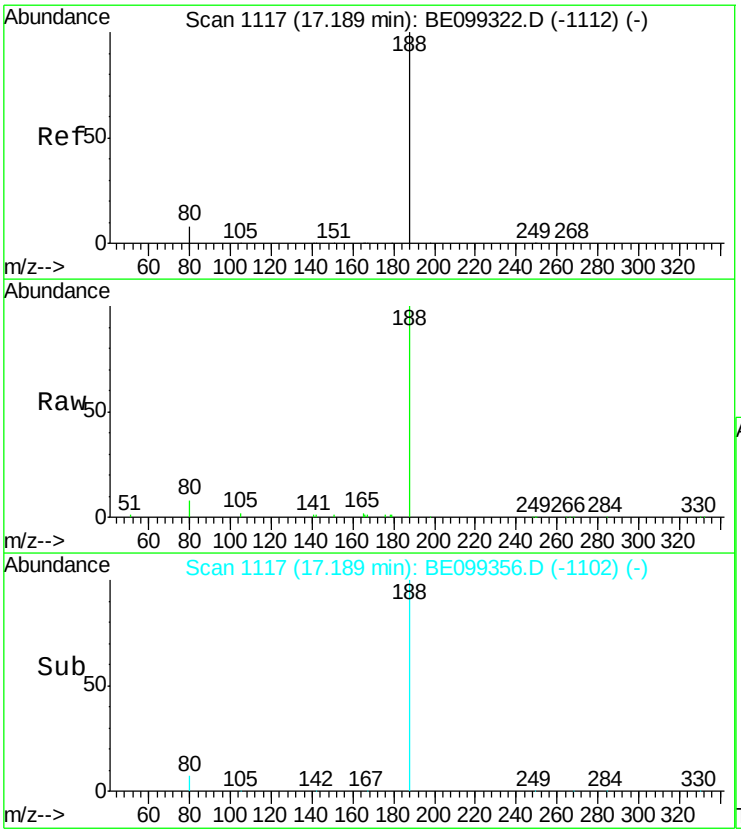
#18
Fluorene
Concen: 0.271 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 12226

Ion	Ratio	Lower	Upper
166	100		
165	85.8	79.7	119.5
167	14.3	11.0	16.4

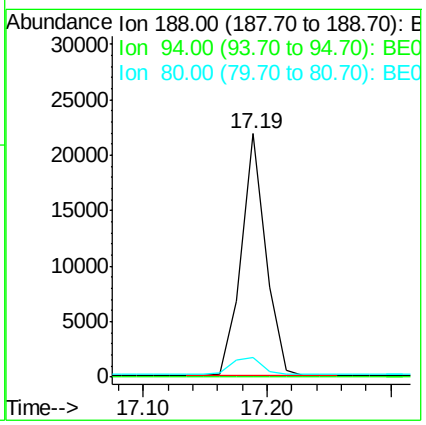


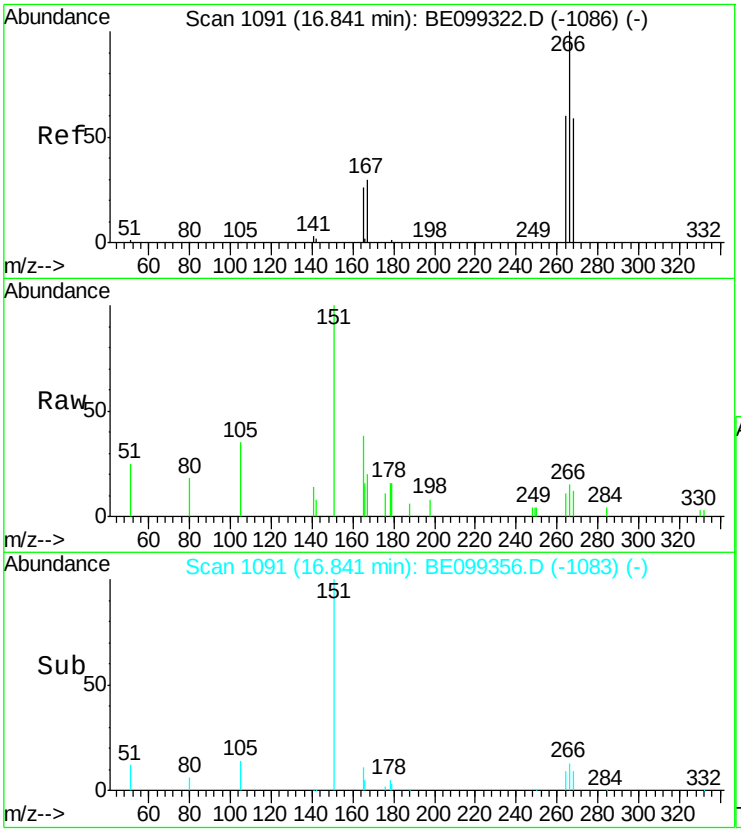


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:188 Resp: 30068

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.2	9.4



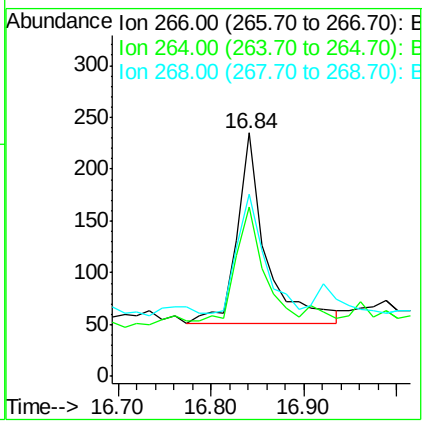


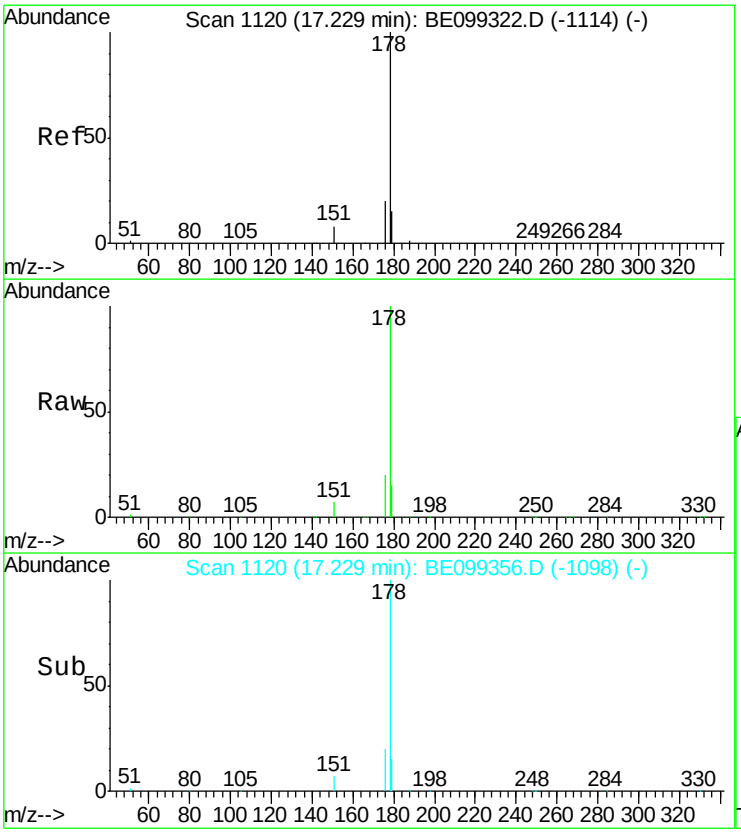
#22
Pentachlorophenol
Concen: 0.282 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 398

Ion	Ratio	Lower	Upper
266	100		
264	69.4	54.5	81.7
268	74.9	54.3	81.5

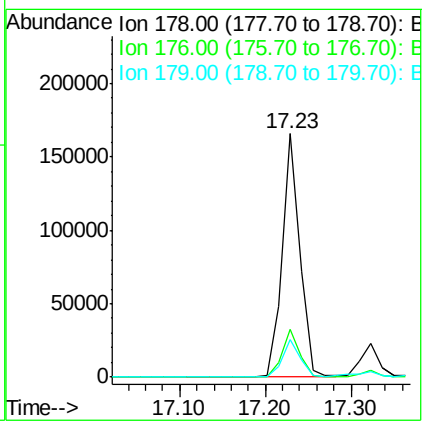


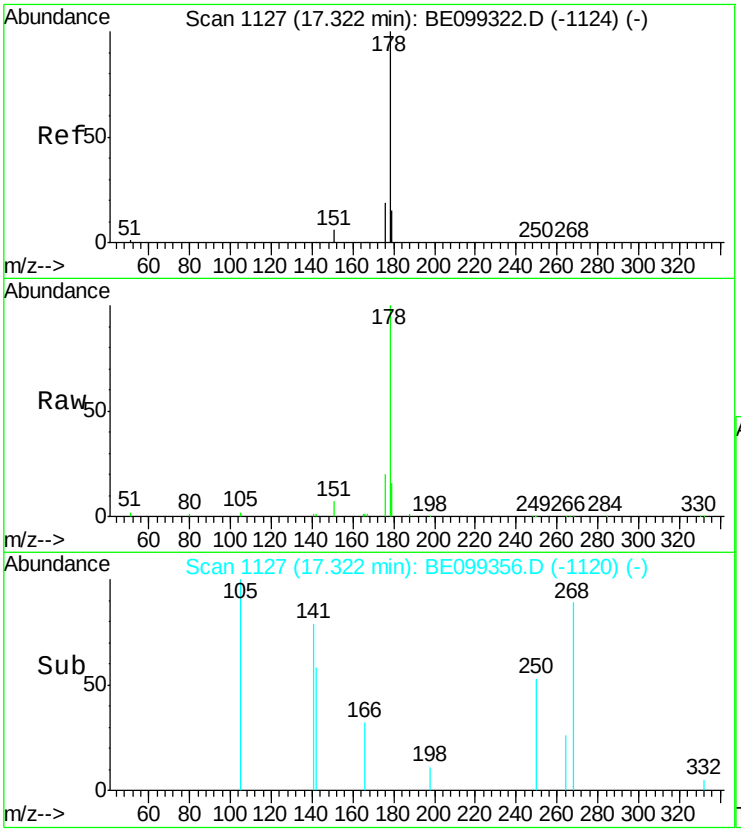


#23
Phenanthrene
Concen: 2.963 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:178 Resp: 235958

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.3	12.4	18.6



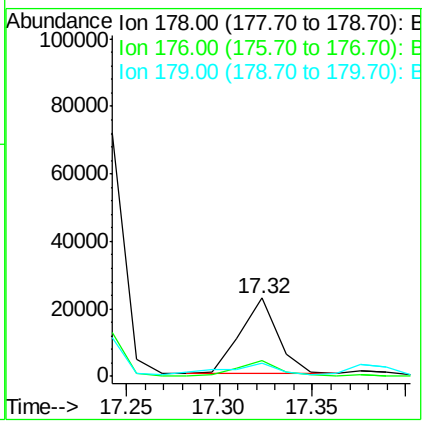


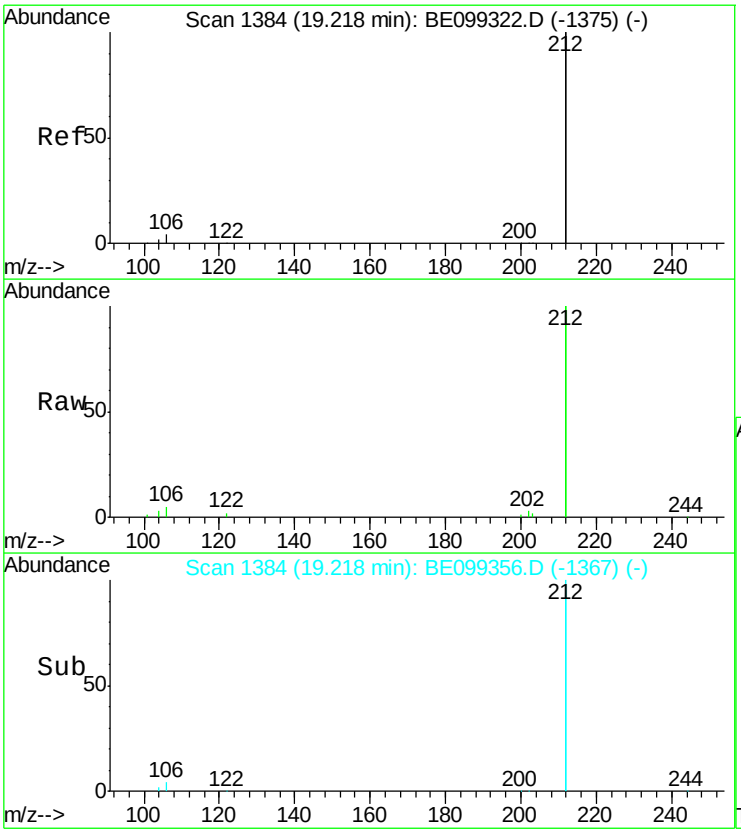
#24
Anthracene
Concen: 0.444 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 31446

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	20.5	11.9	17.9#

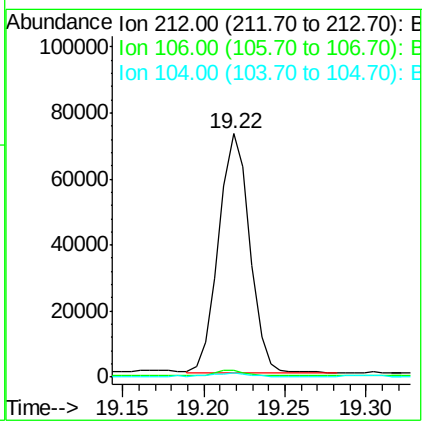


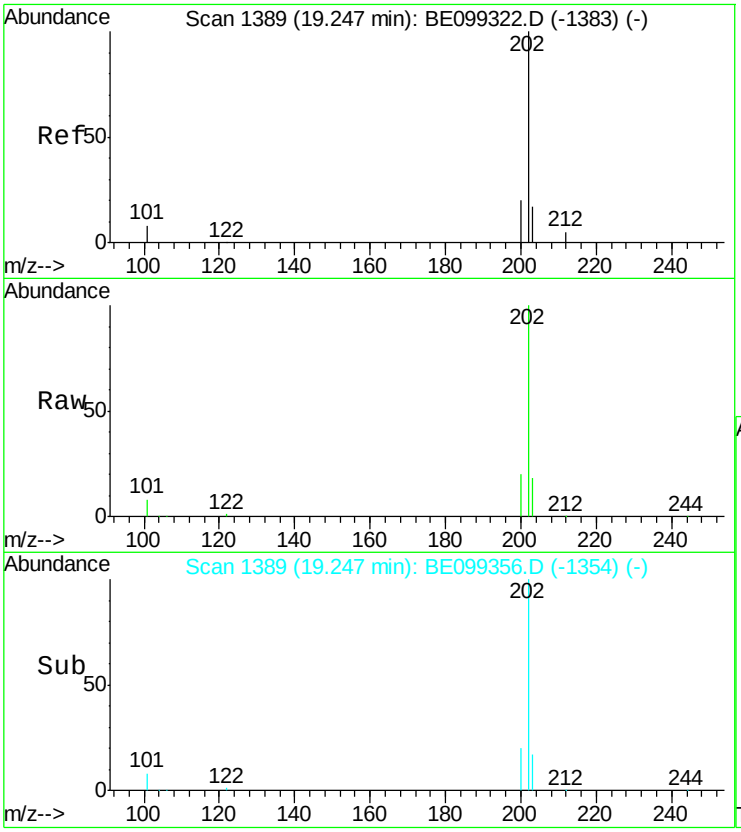


#25
Fluoranthene-d10
Concen: 0.265 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:212 Resp: 95740

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.6
104	1.3	1.0	1.4



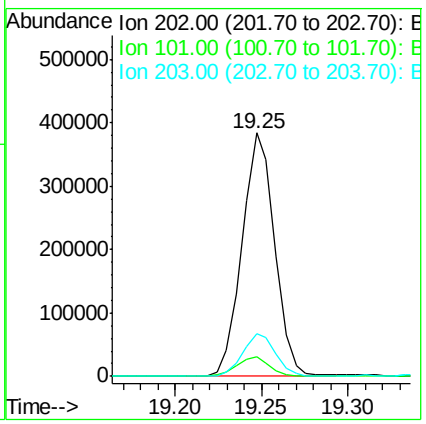


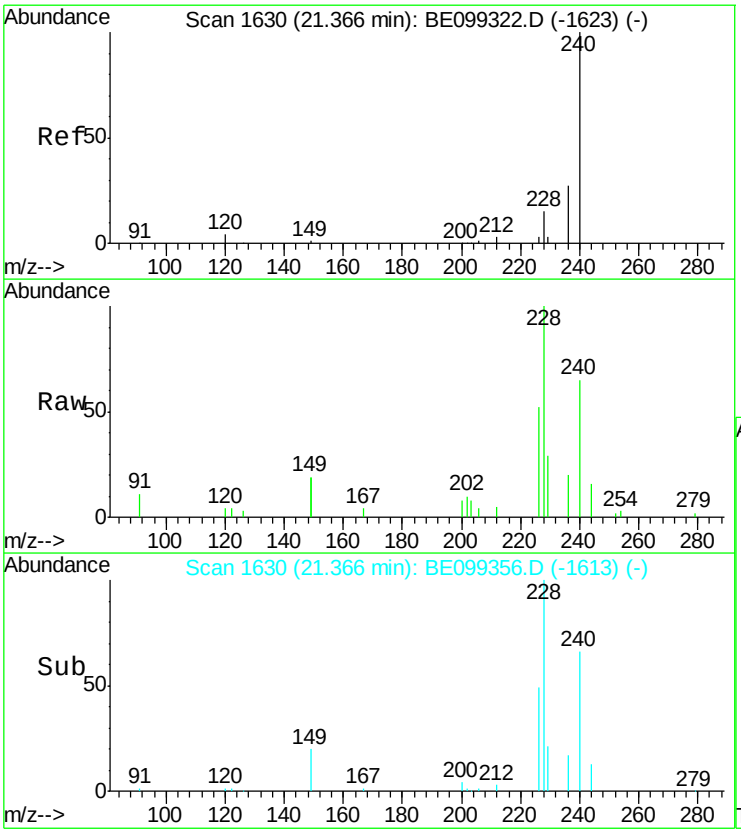
#26
Fluoranthene
Concen: 4.717 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 502740

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.4	9.6
203	17.7	13.5	20.3

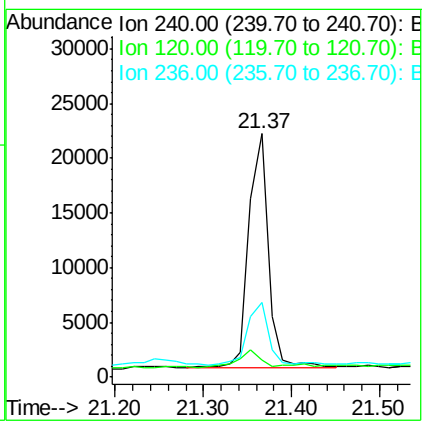


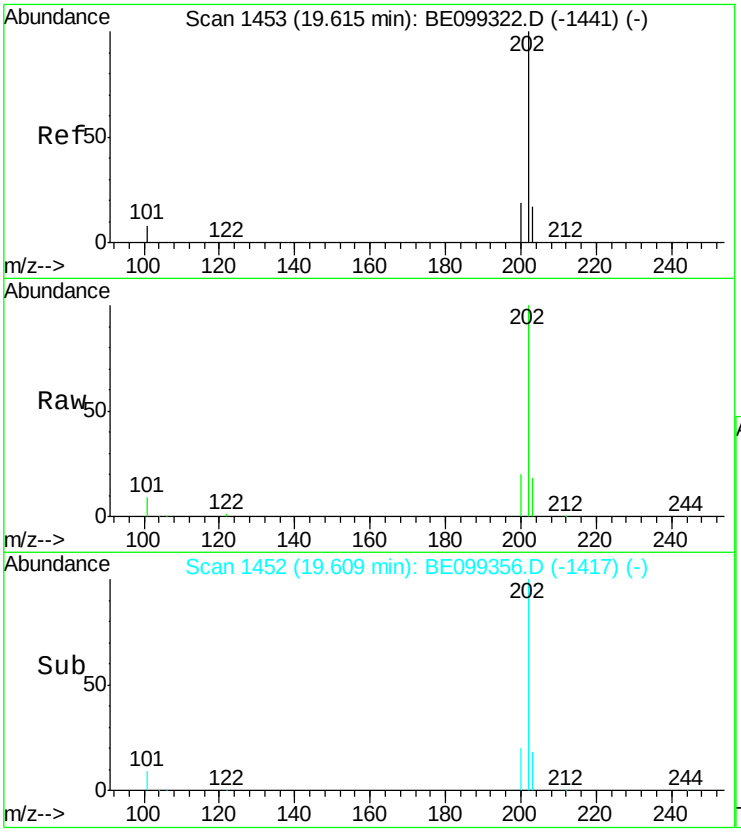


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:240 Resp: 33044

Ion	Ratio	Lower	Upper
240	100		
120	6.8	2.2	3.2#
236	30.7	20.2	30.4#



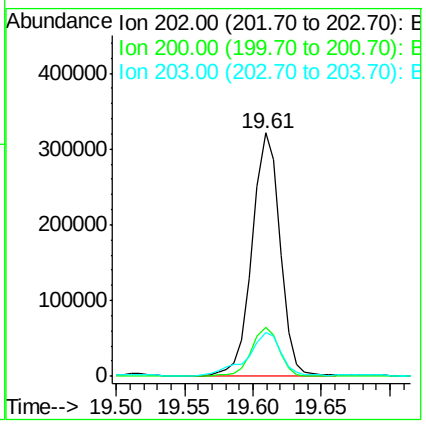


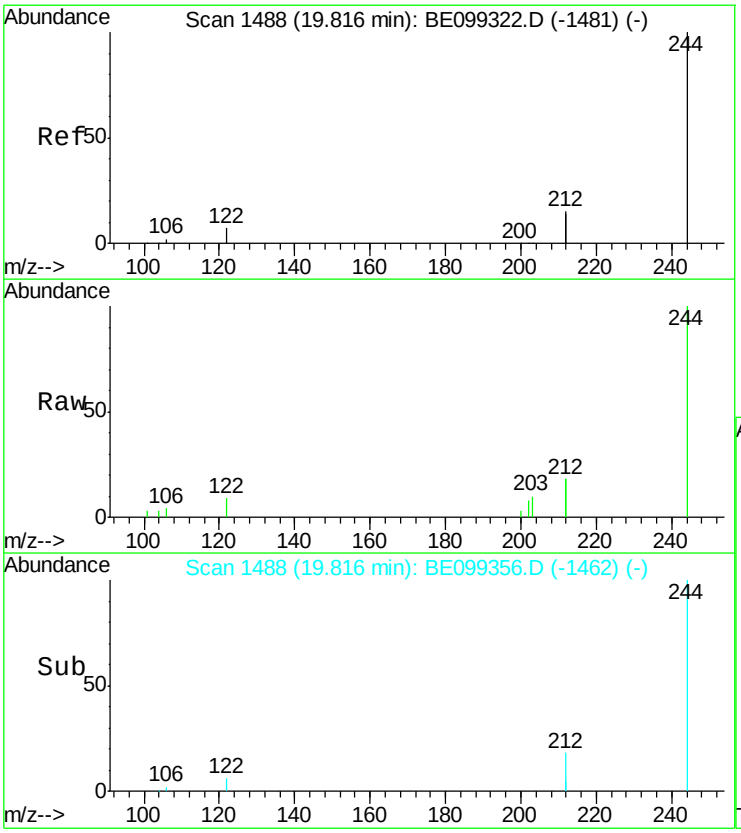
#28
Pyrene
Concen: 4.614 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 449136

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.7	23.5
203	21.2	13.7	20.5#

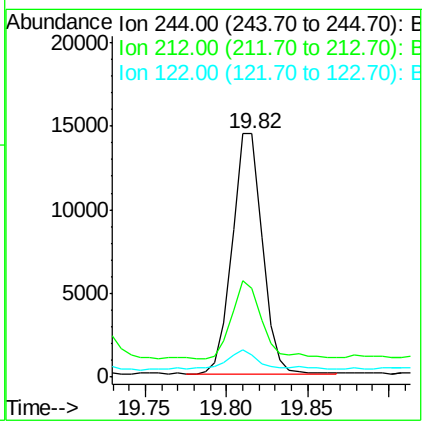


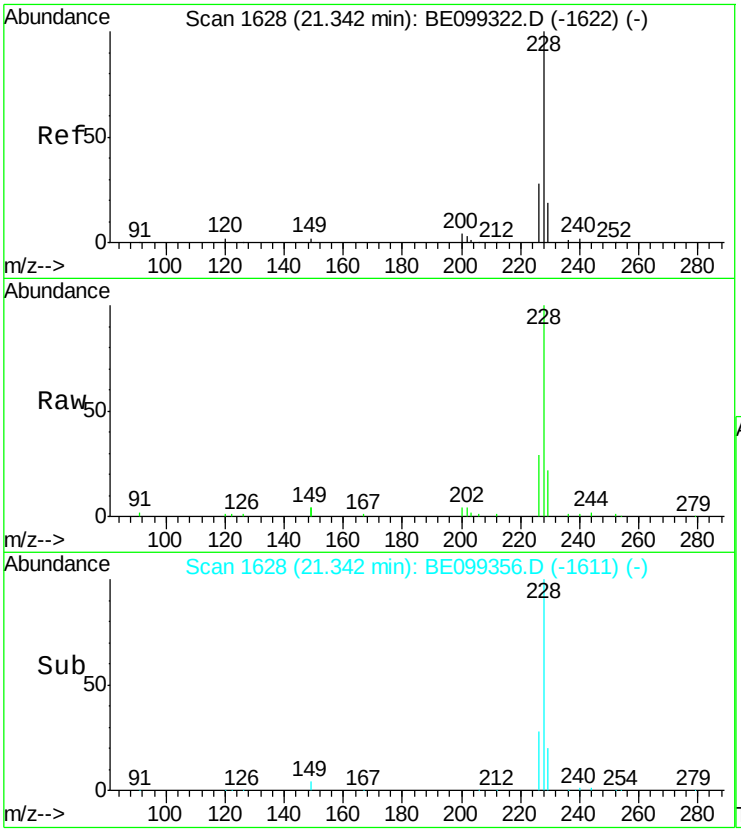


#29
Terphenyl-d14
Concen: 0.286 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:244 Resp: 18572

Ion	Ratio	Lower	Upper
244	100		
212	36.5	22.6	33.8#
122	9.3	4.6	7.0#



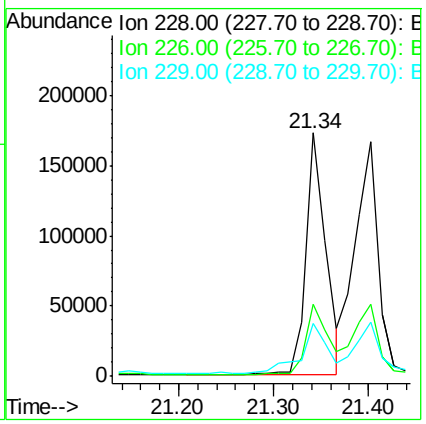


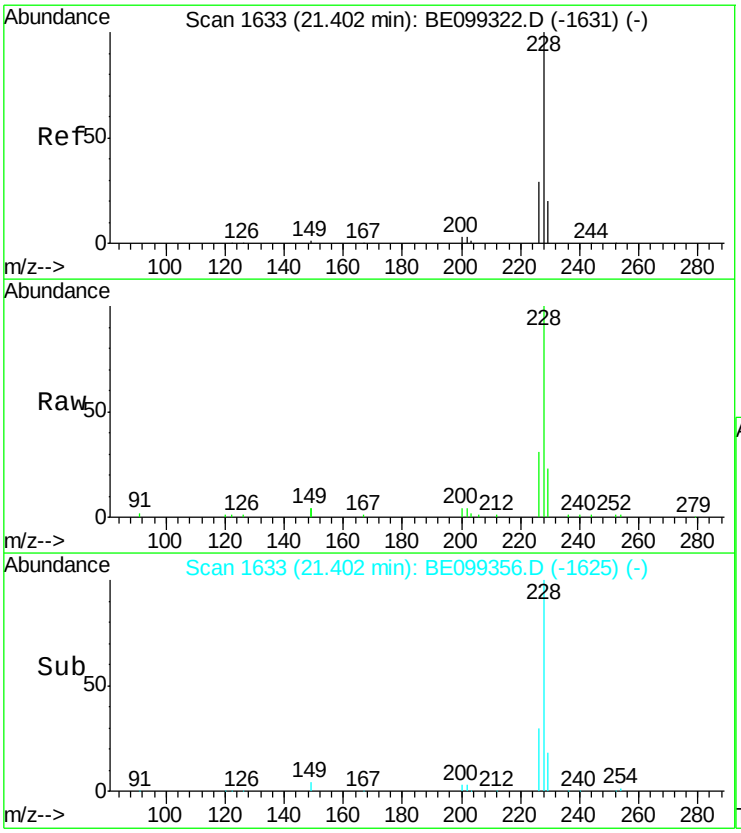
#30
Benzo(a)anthracene
Concen: 2.586 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 251240

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.0	33.0
229	21.7	15.8	23.8

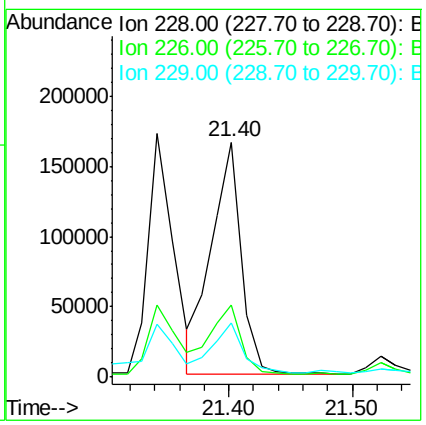


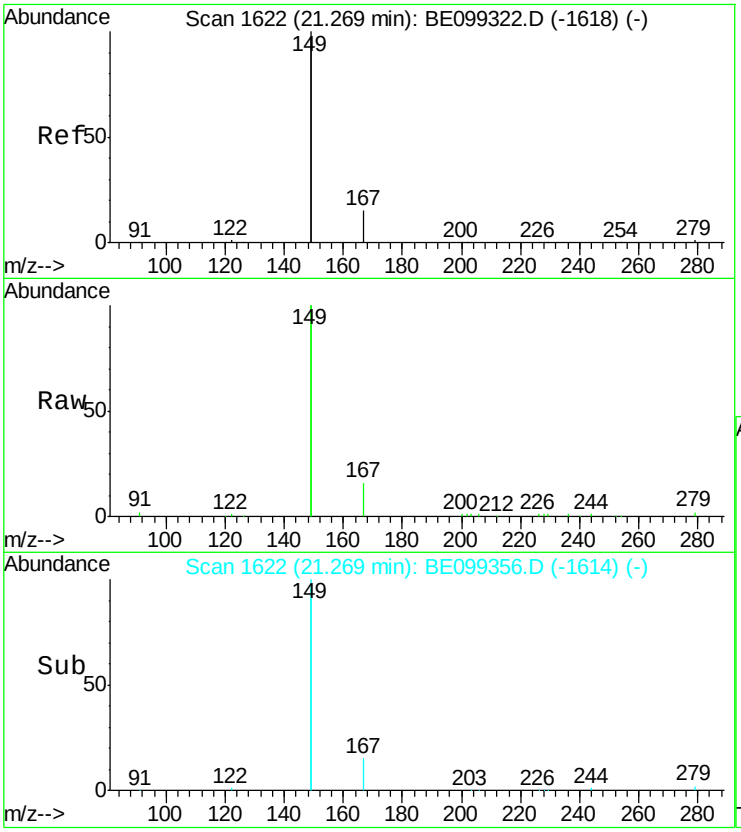


#31
Chrysene
Concen: 2.692 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:228 Resp: 278343

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	22.9	16.2	24.2



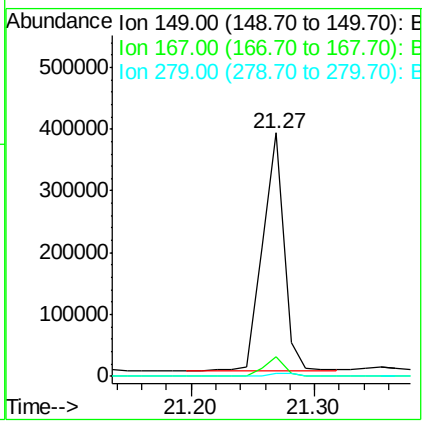


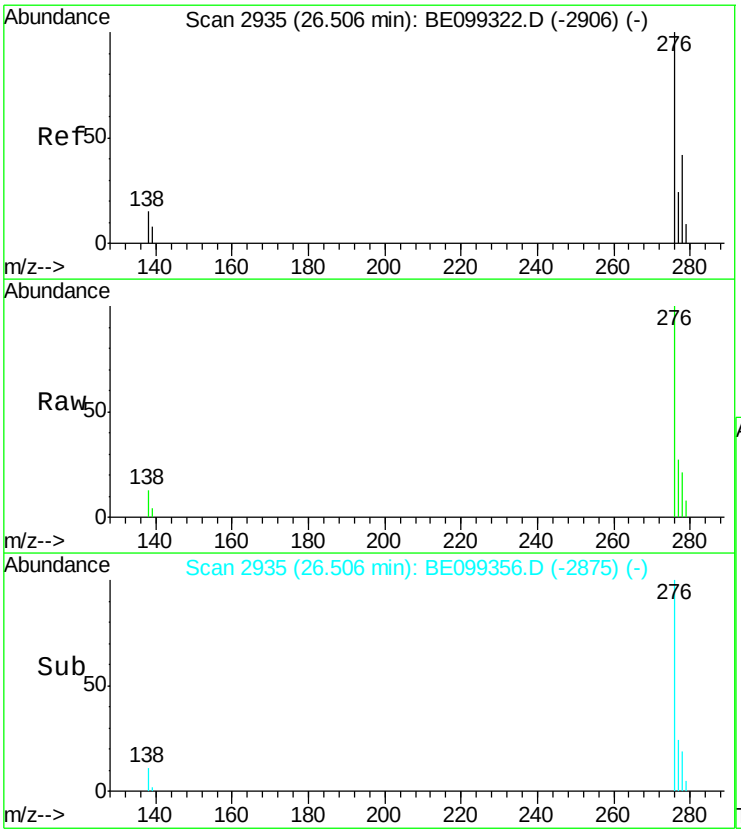
#32
Bis(2-ethylhexyl)phthalate
Concen: 5.315 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 469805

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.3	1.1	1.7

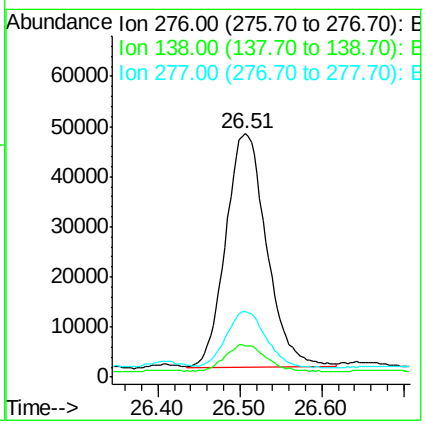


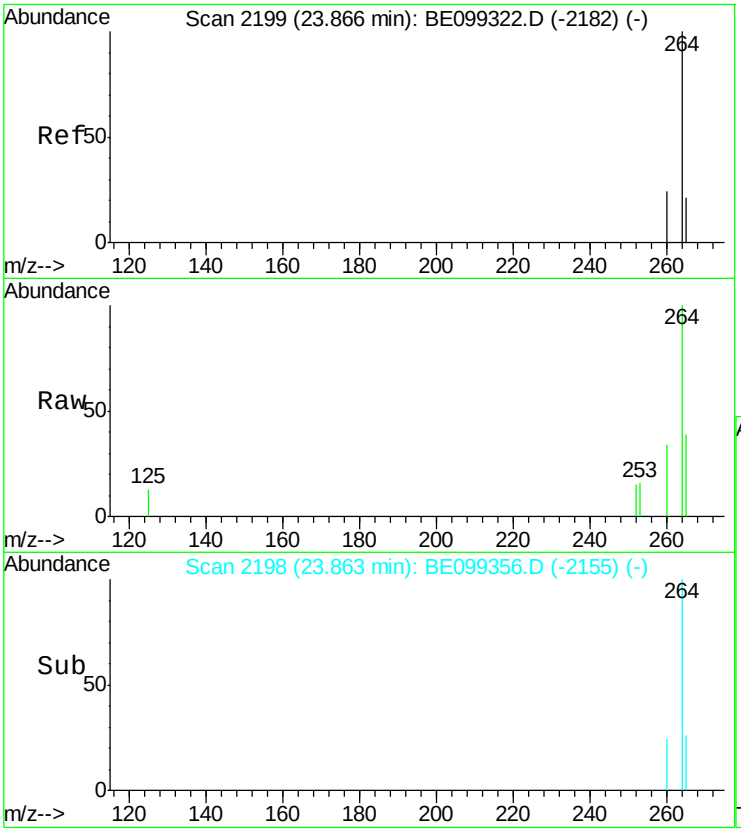


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.585 ng
RT: 26.51 min Scan# 2935
Delta R.T. 0.01 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:276 Resp: 161827

Ion	Ratio	Lower	Upper
276	100		
138	11.5	12.7	19.1#
277	23.4	19.6	29.4



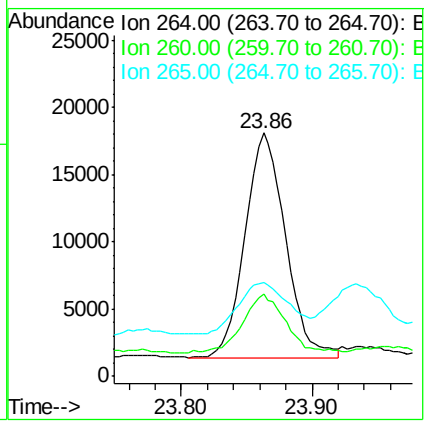


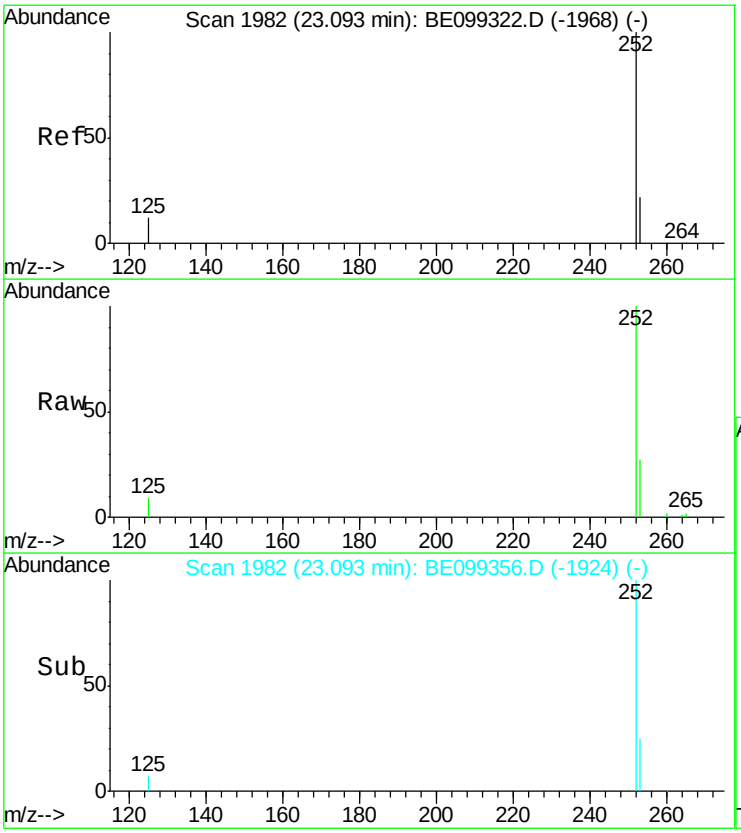
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 35933

Ion	Ratio	Lower	Upper
264	100		
260	33.7	20.1	30.1#
265	38.5	19.9	29.9#

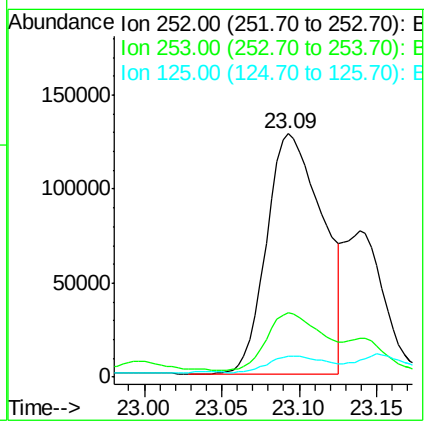


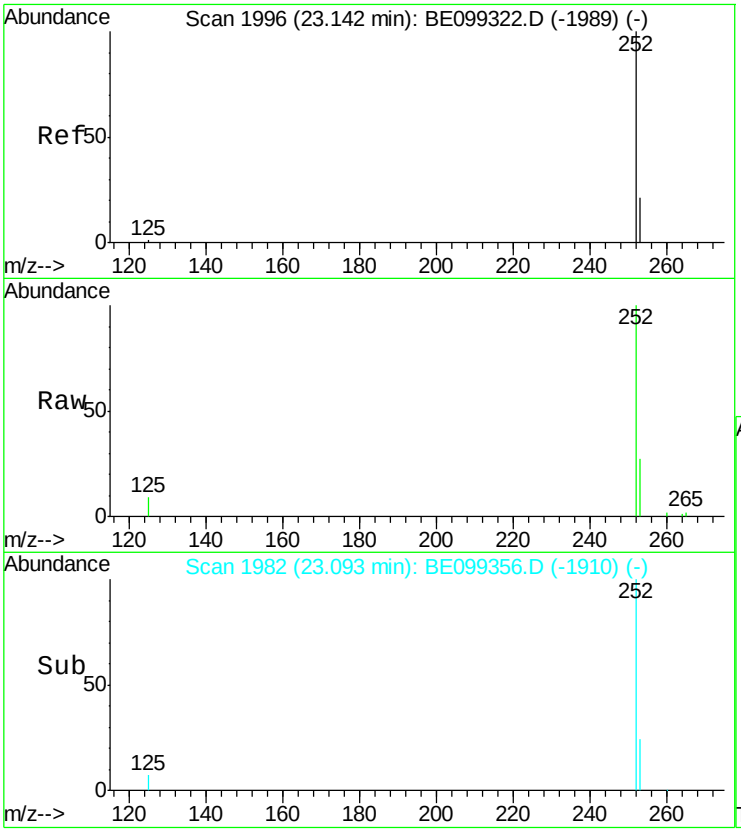


#35
Benzo(b)fluoranthene
Concen: 2.909 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:252 Resp: 319988

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.3	25.9#
125	8.6	5.8	8.6



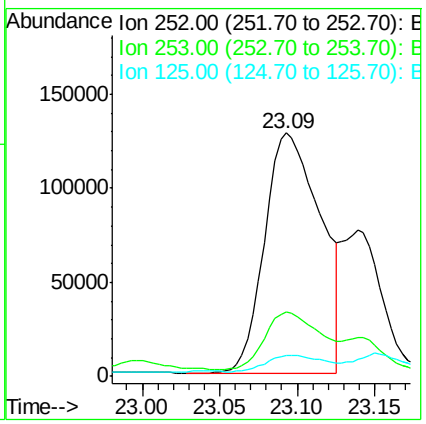


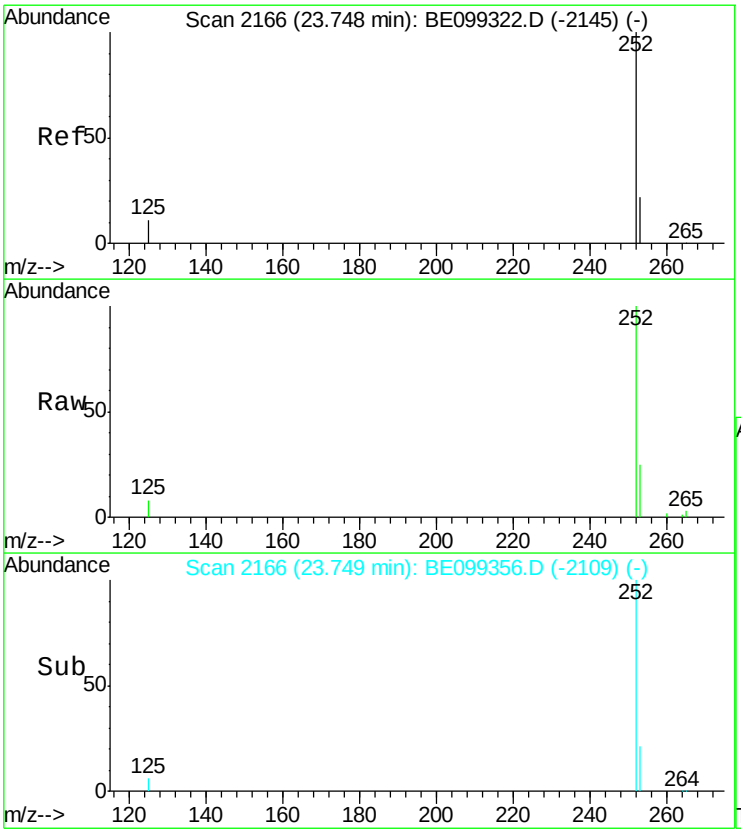
#36
Benzo(k)fluoranthene
Concen: 2.918 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.04 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 319988

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.4	27.6
125	8.6	5.4	8.0#

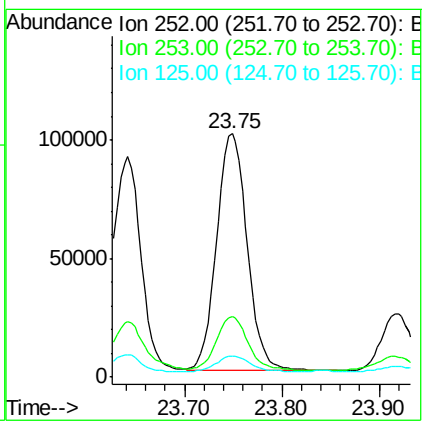


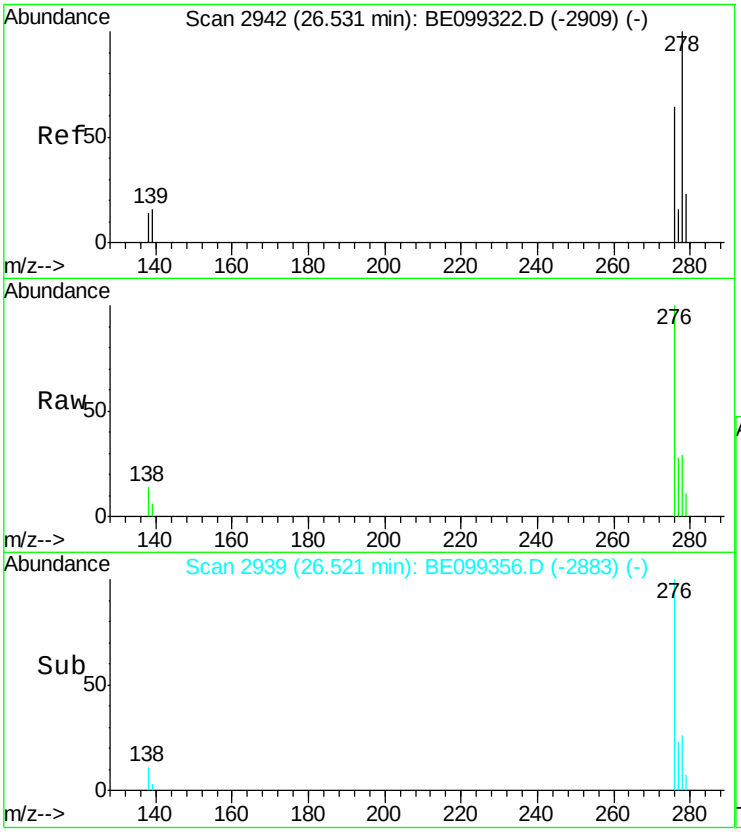


#37
Benzo(a)pyrene
Concen: 2.220 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:252 Resp: 218758

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	8.5	6.5	9.7



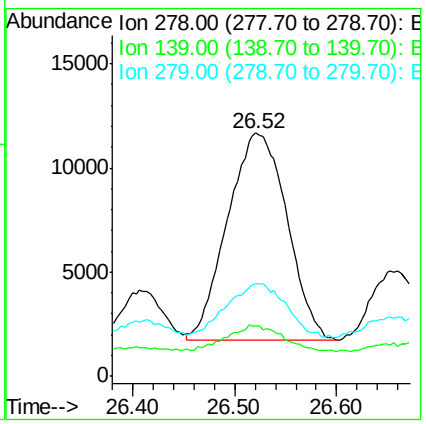


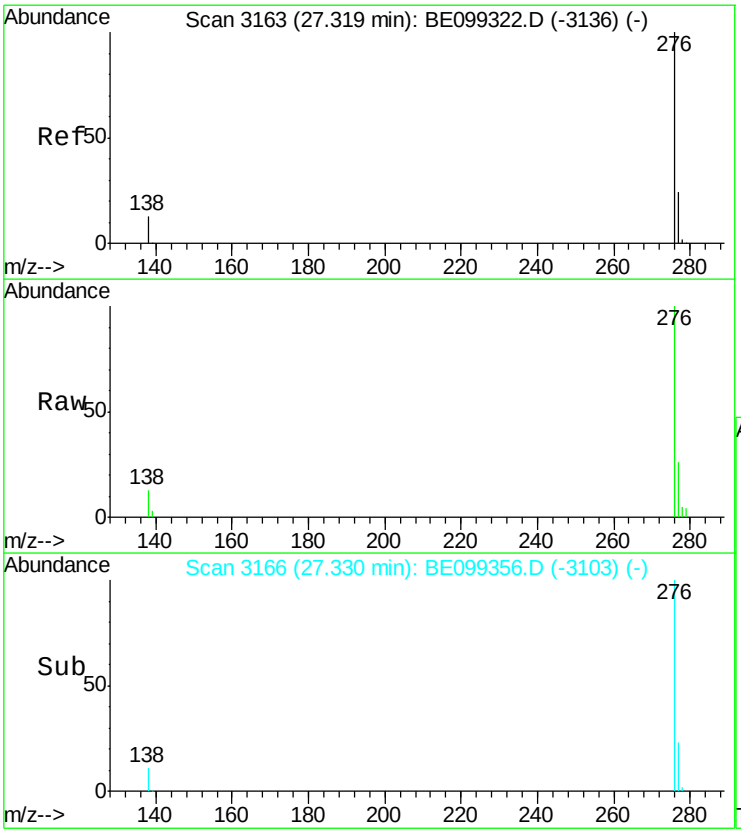
#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.52 min Scan# 2939
Delta R.T. 0.00 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 40083

Ion	Ratio	Lower	Upper
278	100		
139	20.5	8.5	12.7#
279	38.2	19.8	29.8#





#39
Benzo(g,h,i)perylene
Concen: 1.668 ng
RT: 27.33 min Scan# 3166
Delta R.T. 0.03 min
Lab File: BE099356.D
Acq: 25 Apr 2019 12:00

Tgt Ion:276 Resp: 170416

Ion	Ratio	Lower	Upper
276	100		
277	26.2	20.0	30.0
138	13.4	11.1	16.7