Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099358.D
Acq On : 25 Apr 2019 13:12
Operator : JU/SJ
Sample : K2534-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 26 00:41:46 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	4655	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	18576	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	13319	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	35364	0.40	ng		0.00
27) Chrysene-d12	21.37	240	36535	0.40	ng		0.00
34) Perylene-d12	23.86	264	41774	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	3150	0.28	ng		0.01
5) Phenol-d6	6.97	99	4638	0.29	ng		0.00
8) Nitrobenzene-d5	8.97	82	3936	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	7811	0.24	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1451	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	11255	0.21	ng		0.00
25) Fluoranthene-d10	19.22	212	91441	0.22	ng		0.00
29) Terphenyl-d14	19.82	244	15863	0.22	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.65	128	4702	0.023	ng	#	95
12) 2-Methylnaphthalene	12.27	142	701	0.020	ng	#	83
16) Acenaphthylene	14.18	152	1740	0.029	ng	#	85
17) Acenaphthene	14.51	154	760	0.020	ng		93
18) Fluorene	15.49	166	1388	0.026	ng	#	90
22) Pentachlorophenol	16.91	266	28	0.224	ng		93
23) Phenanthrene	17.23	178	42340	0.452	ng		100
24) Anthracene	17.32	178	5539	0.066	ng	#	96
26) Fluoranthene	19.25	202	128827	1.028	ng		98
28) Pyrene	19.61	202	115909	1.077	ng	#	95
30) Benzo(a)anthracene	21.34	228	65649	0.611	ng		95
31) Chrysene	21.40	228	70443	0.616	ng		95
32) Bis(2-ethylhexyl)phthalate	21.27	149	84174	0.861	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	47303	0.419	ng	#	94
35) Benzo(b)fluoranthene	23.09	252	95041	0.743	ng	#	92
36) Benzo(k)fluoranthene	23.09	252	95041	0.745	ng	#	94
37) Benzo(a)pyrene	23.75	252	62048	0.542	ng	#	93
38) Dibenzo(a,h)anthracene	26.52	278	10965	0.094	ng	#	66
39) Benzo(g,h,i)perylene	27.32	276	48970	0.412	ng		97

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

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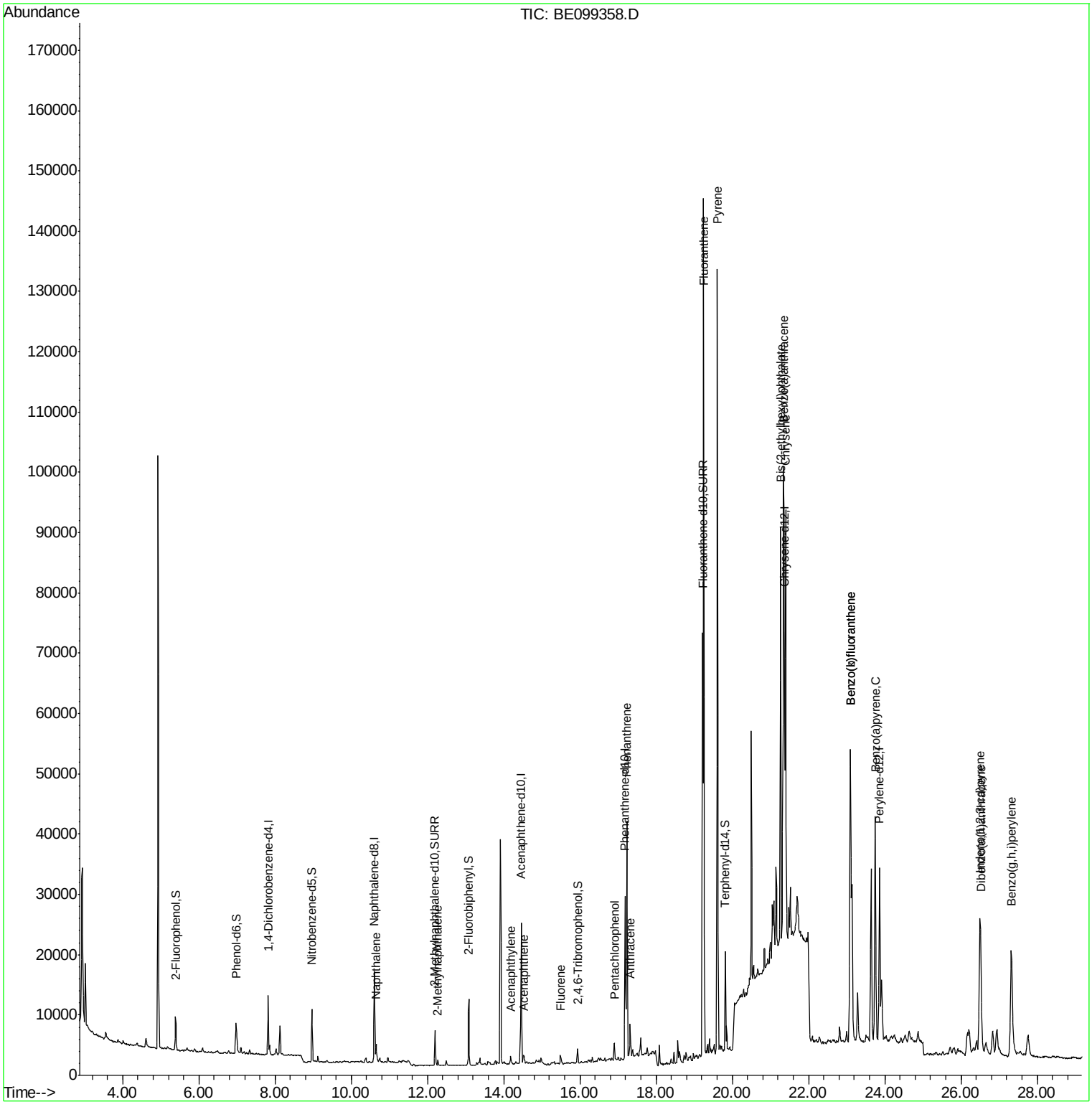
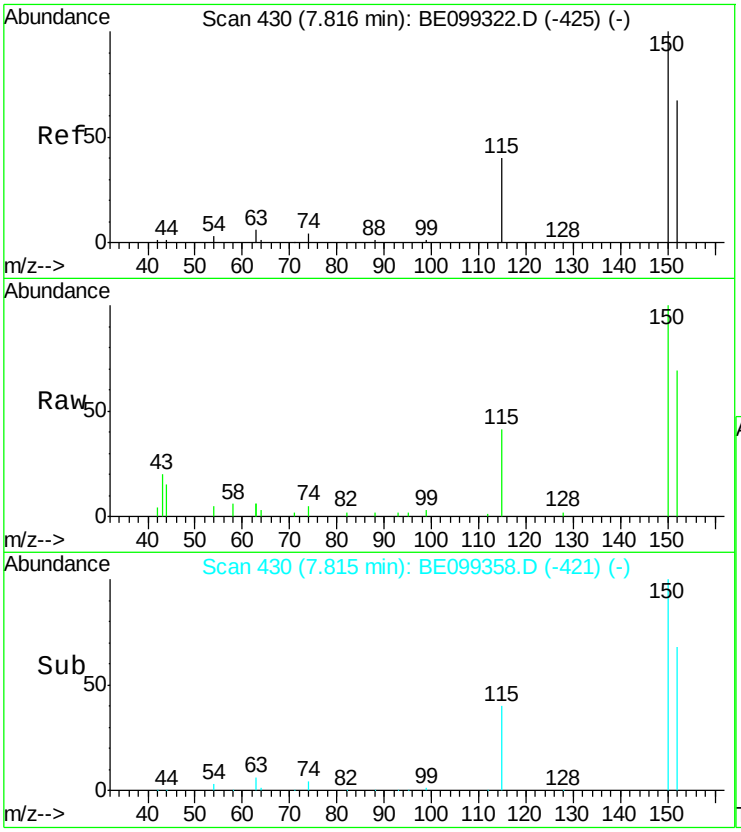


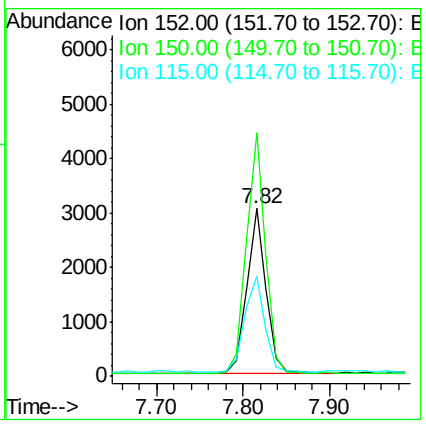


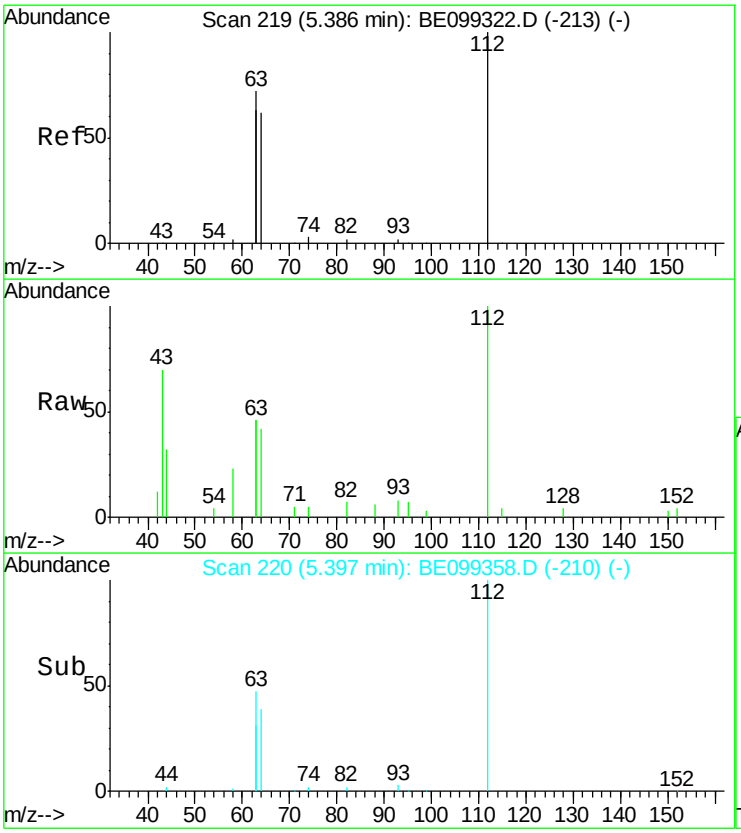
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4655

Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.5	179.3
115	59.9	47.5	71.3

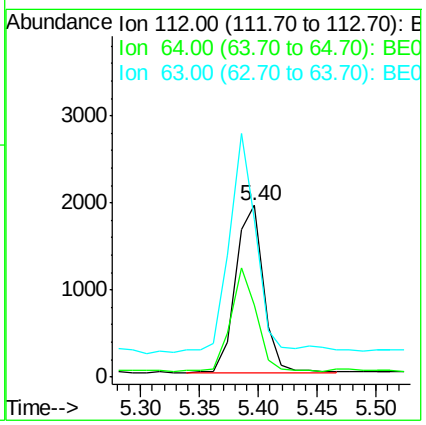


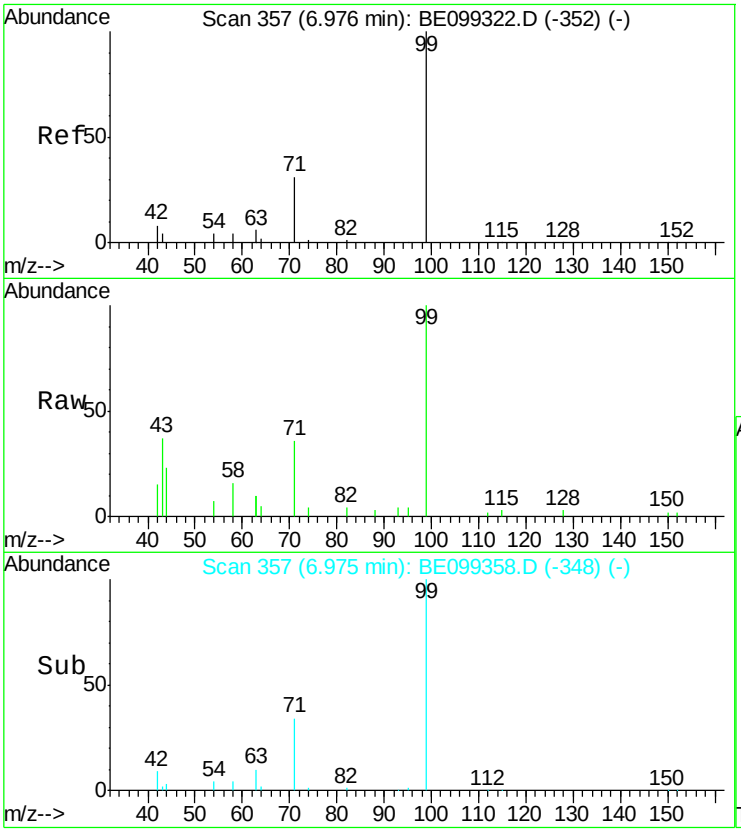


#4
2-Fluorophenol
Concen: 0.277 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:112 Resp: 3150

Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.9	67.3
63	127.0	97.4	146.0



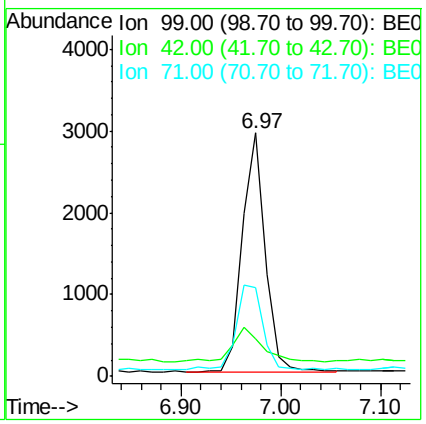


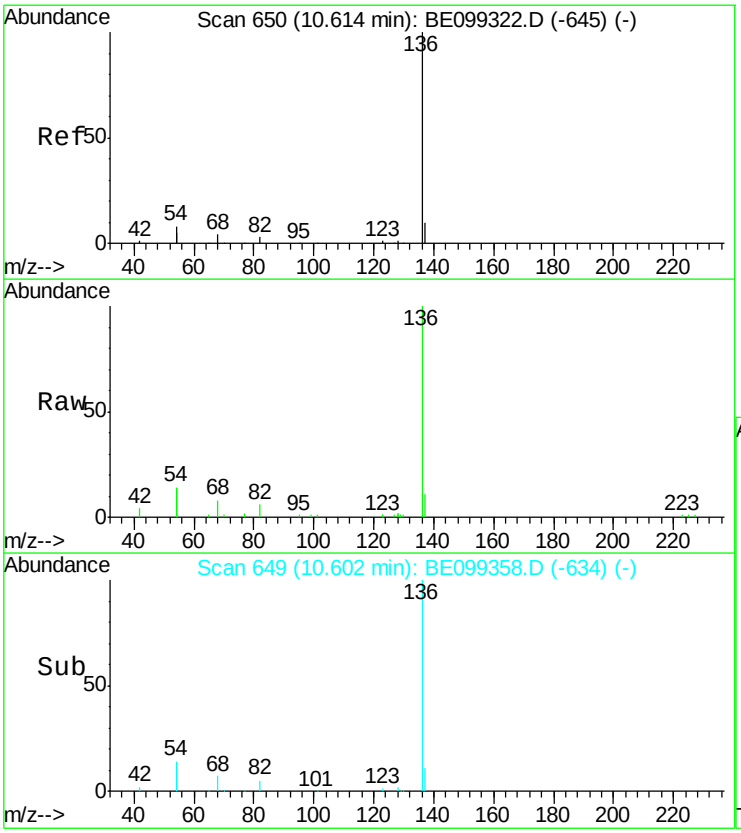
#5
Phenol-d6
Concen: 0.286 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4638

Ion	Ratio	Lower	Upper
99	100		
42	19.3	11.7	17.5#
71	40.8	29.6	44.4

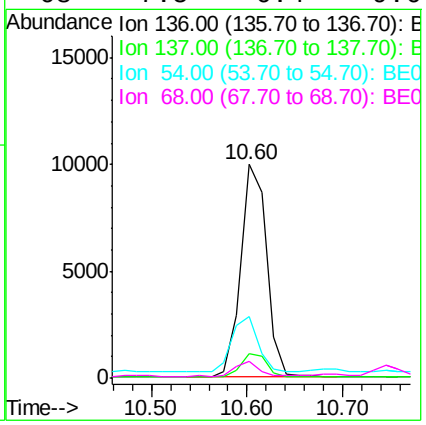


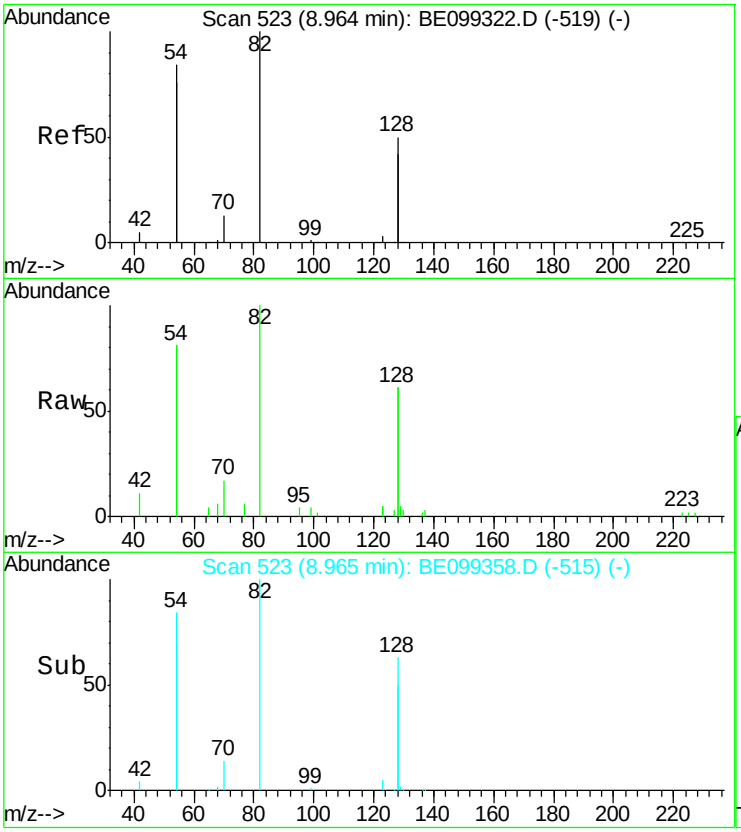


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:136 Resp: 18576

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	28.6	23.8	35.8
68	7.5	6.4	9.6



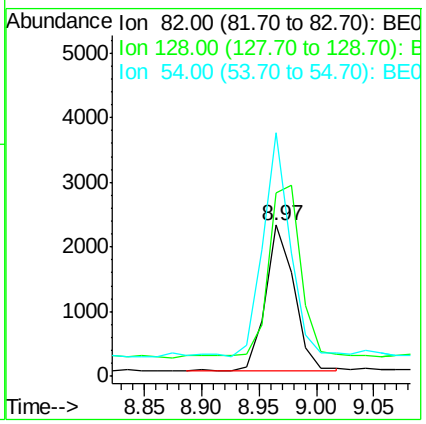


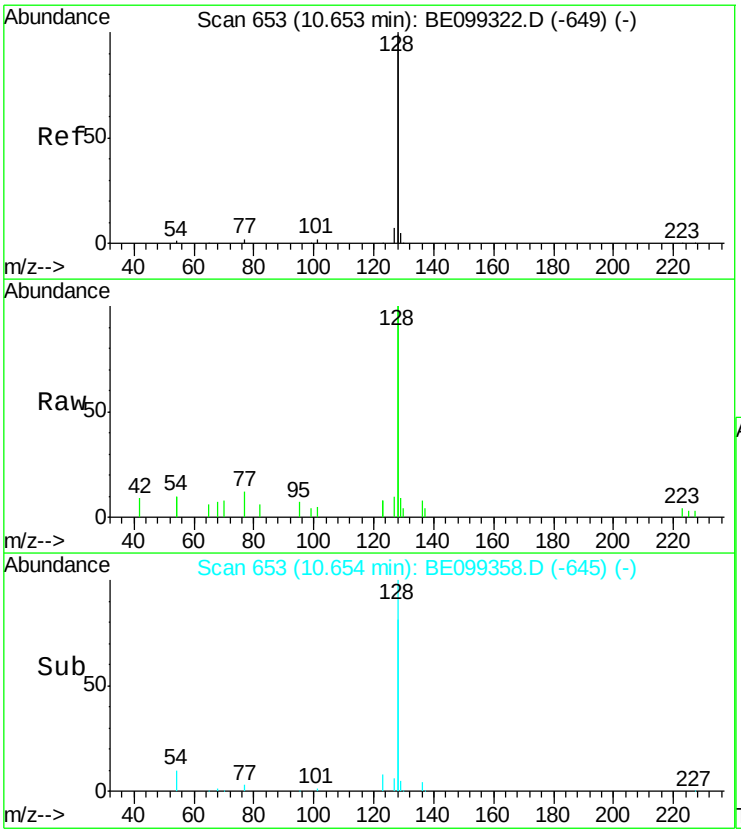
#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 3936

Ion	Ratio	Lower	Upper
82	100		
128	121.4	91.7	137.5
54	161.3	122.8	184.2

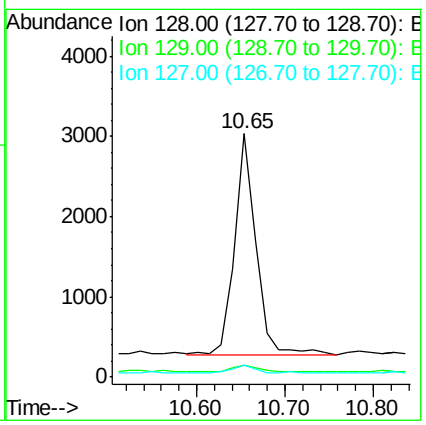


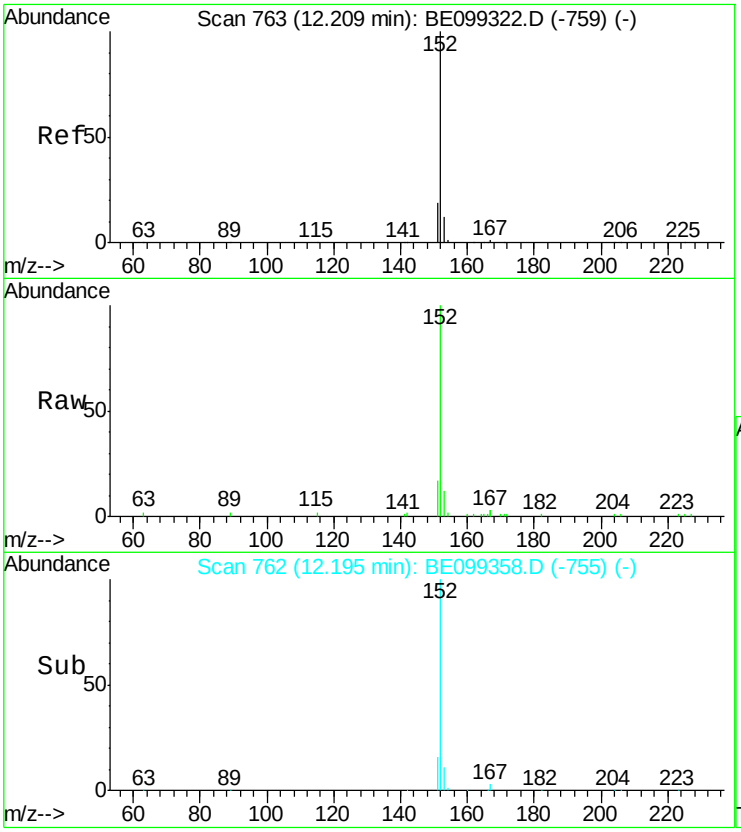


#9
Naphthalene
Concen: 0.023 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:128 Resp: 4702

Ion	Ratio	Lower	Upper
128	100		
129	4.7	2.3	3.5#
127	5.0	2.8	4.2#



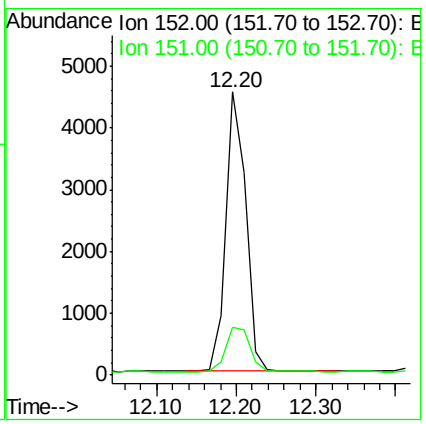


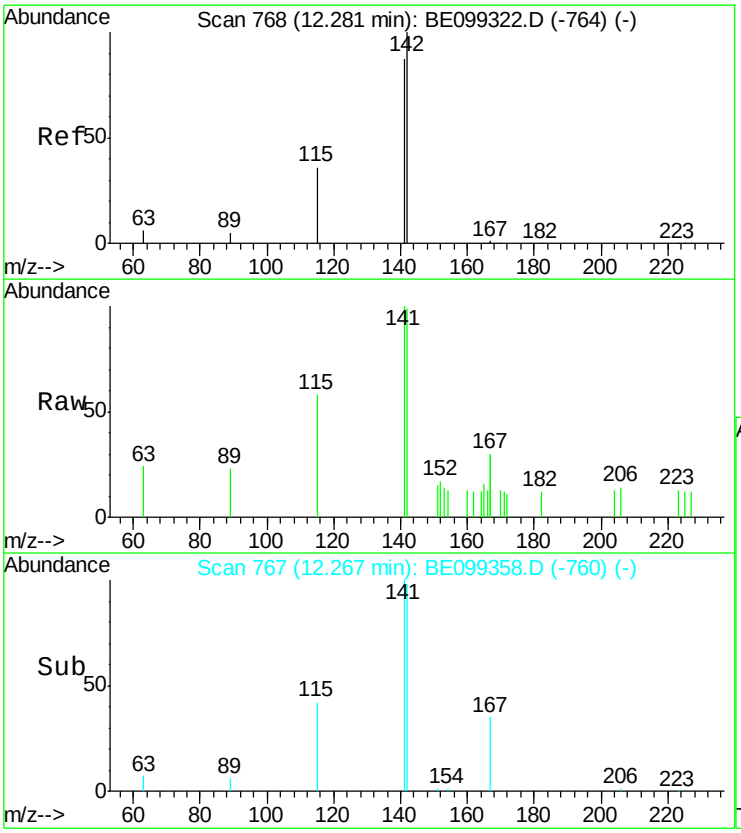
#11
2-Methylnaphthalene-d10
Concen: 0.238 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7811

Ion	Ratio	Lower	Upper
152	100		
151	19.3	14.9	22.3

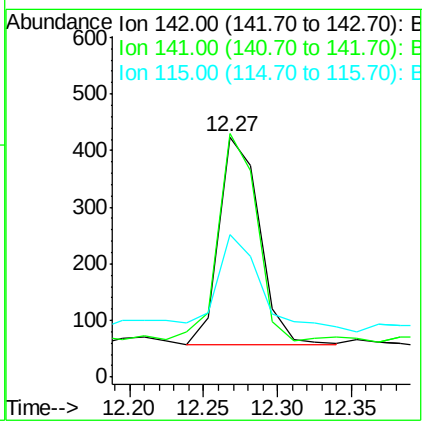


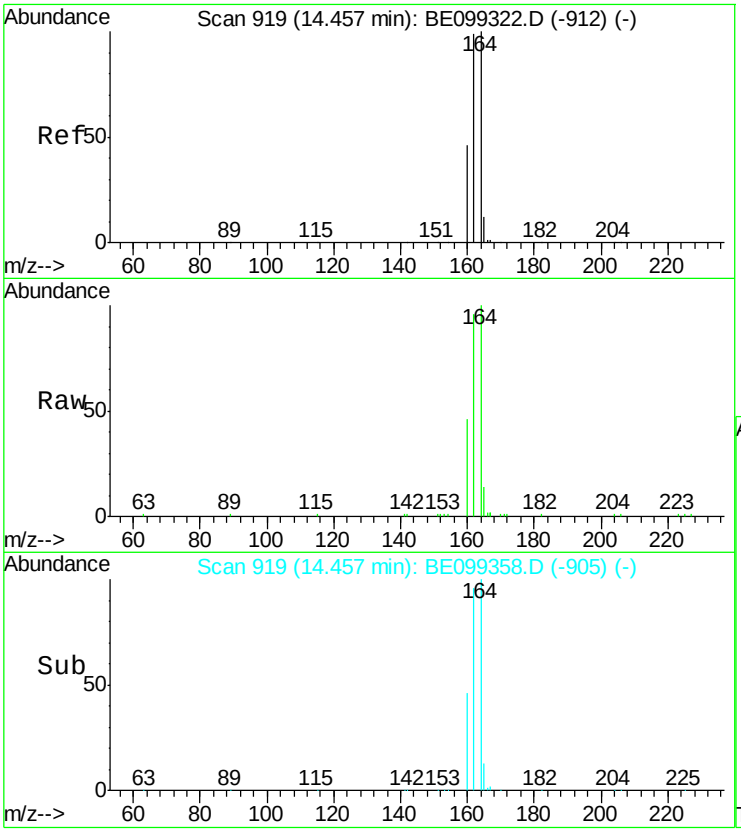


#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:142 Resp: 701

Ion	Ratio	Lower	Upper
142	100		
141	101.4	72.0	108.0
115	59.2	33.4	50.0#



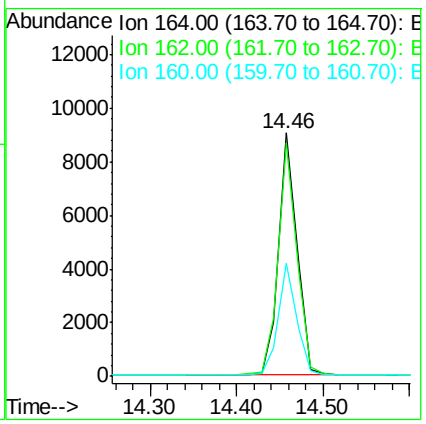


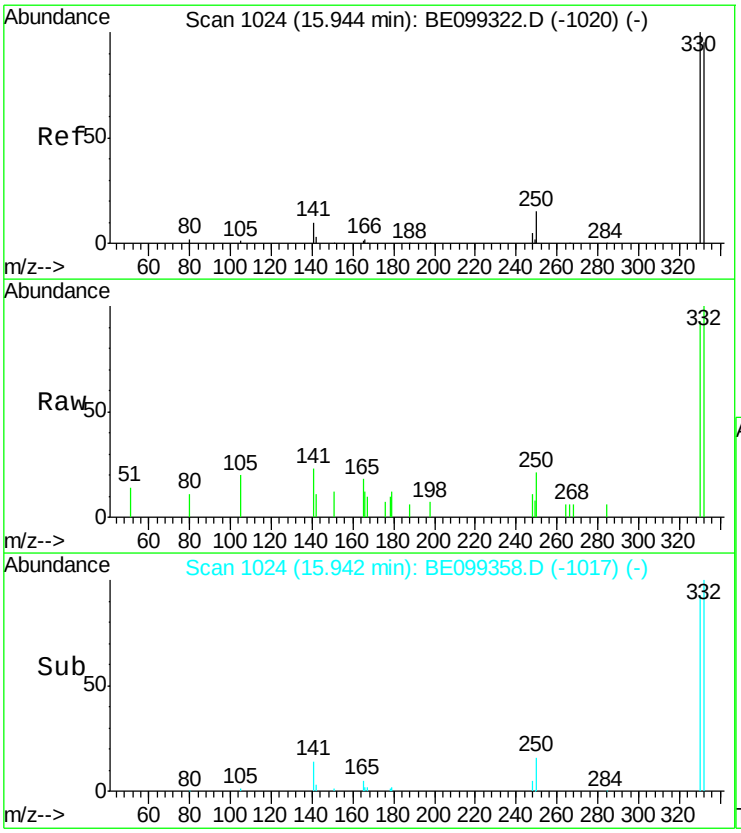
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13319

Ion	Ratio	Lower	Upper
164	100		
162	95.7	77.8	116.6
160	46.2	37.1	55.7

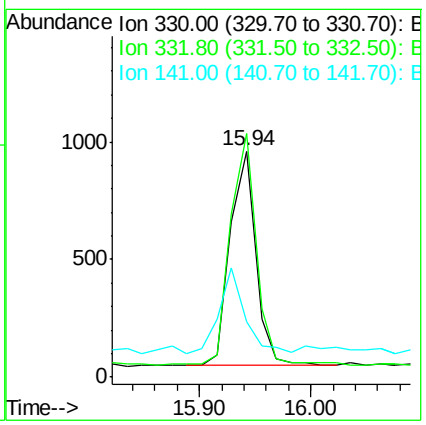


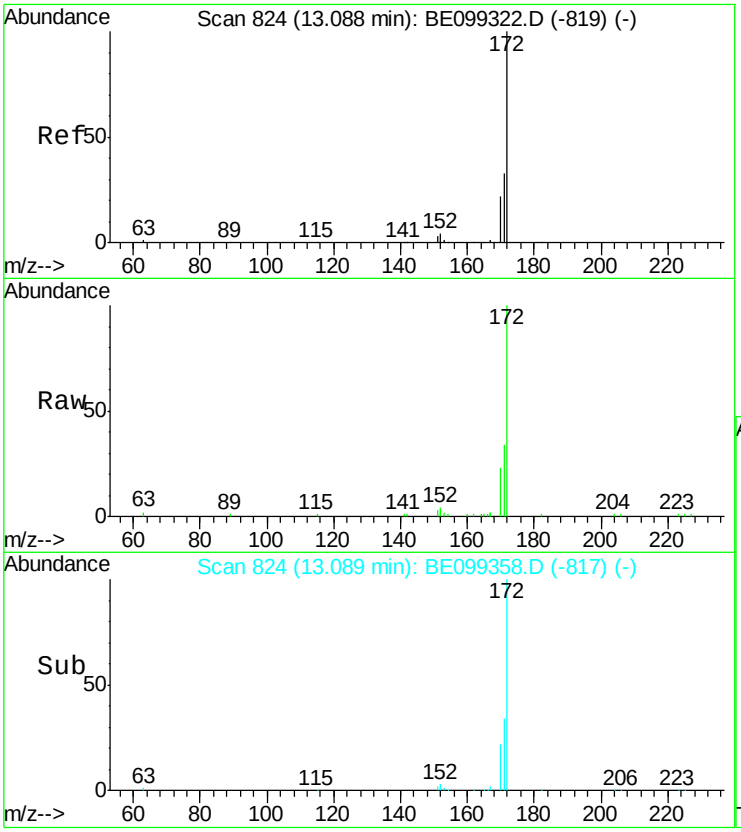


#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:330 Resp: 1451

Ion	Ratio	Lower	Upper
330	100		
332	109.6	82.5	123.7
141	40.7	24.9	37.3#



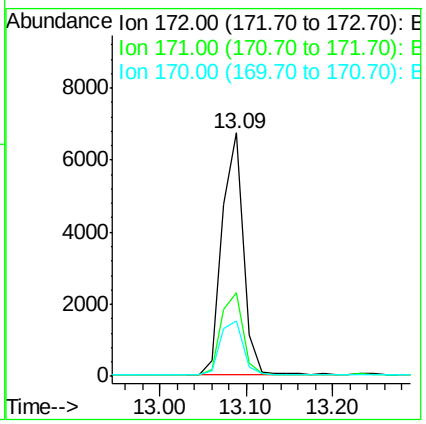


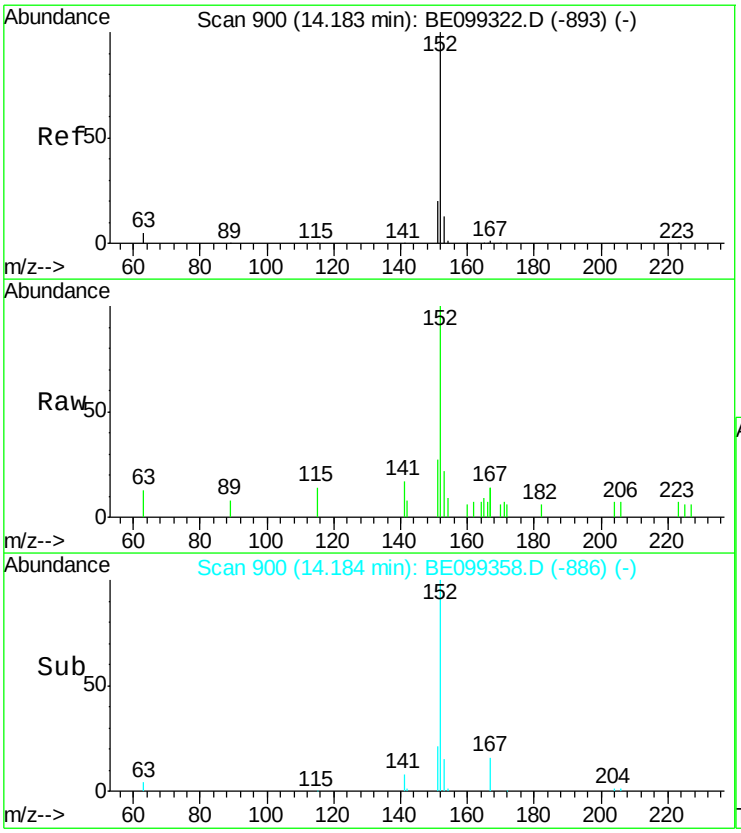
#15
2-Fluorobiphenyl
Concen: 0.215 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 11255

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.2	39.2
170	22.9	18.1	27.1

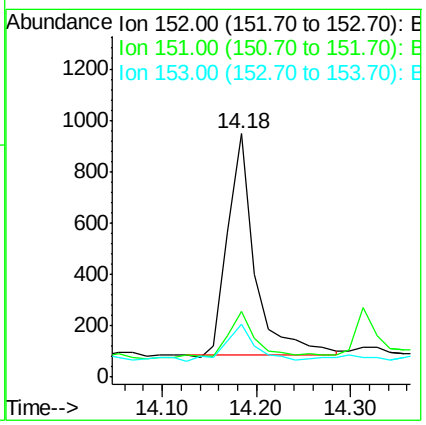


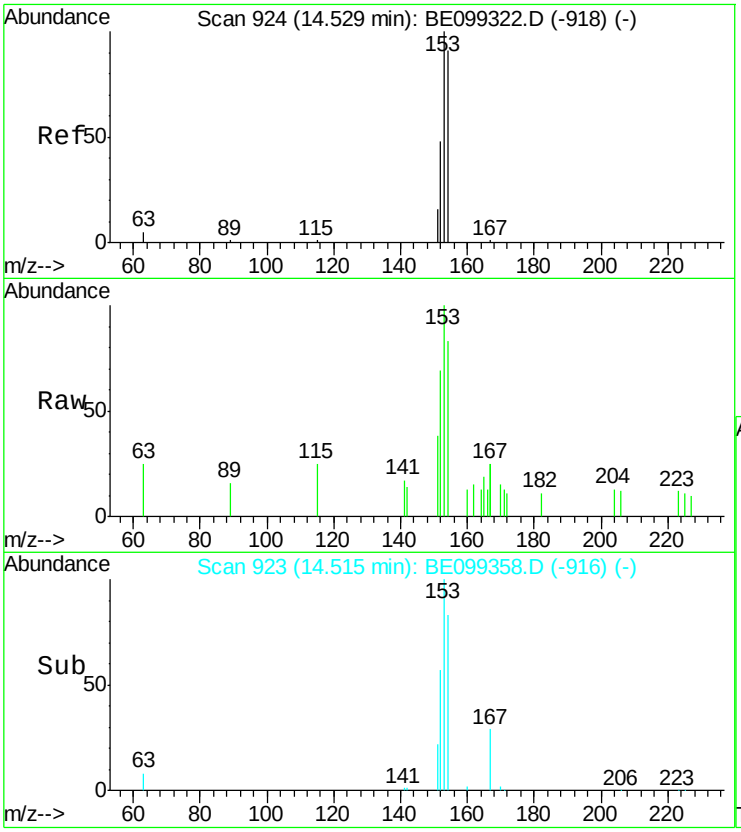


#16
Acenaphthylene
Concen: 0.029 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:152 Resp: 1740

Ion	Ratio	Lower	Upper
152	100		
151	26.0	15.5	23.3#
153	18.5	10.2	15.4#



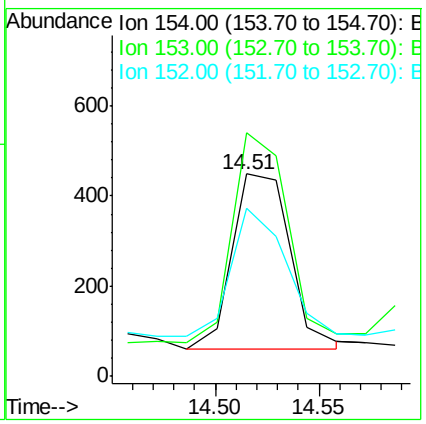


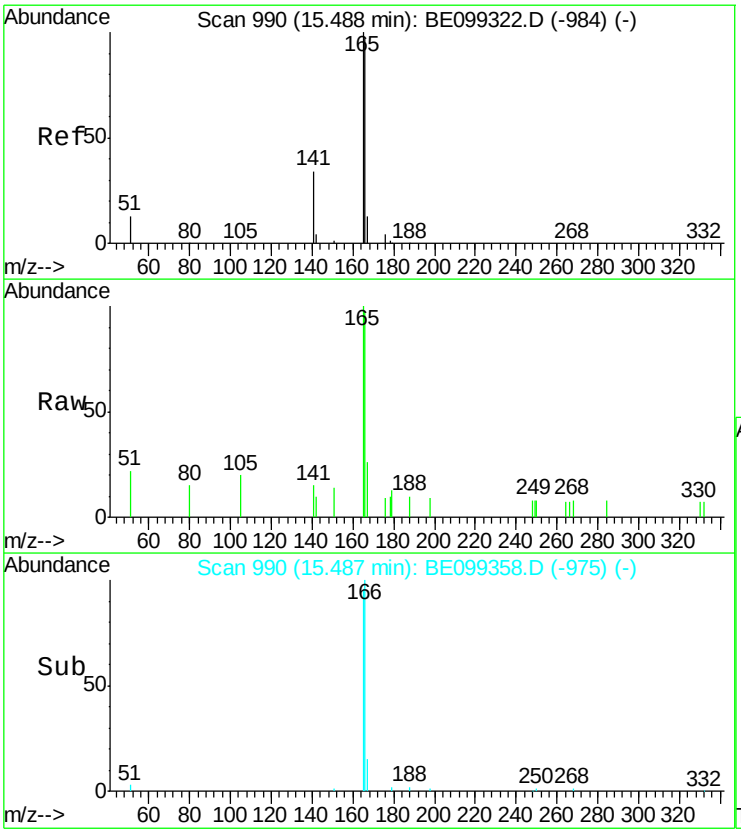
#17
Acenaphthene
Concen: 0.020 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 760

Ion	Ratio	Lower	Upper
154	100		
153	113.7	94.7	142.1
152	67.8	46.4	69.6

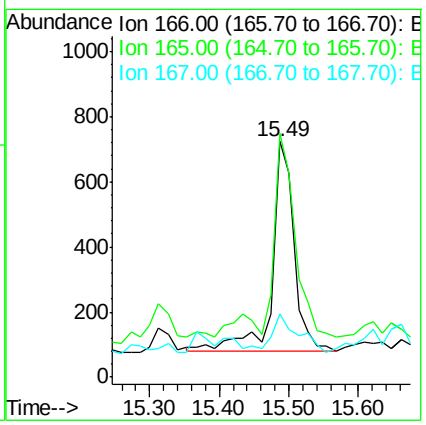


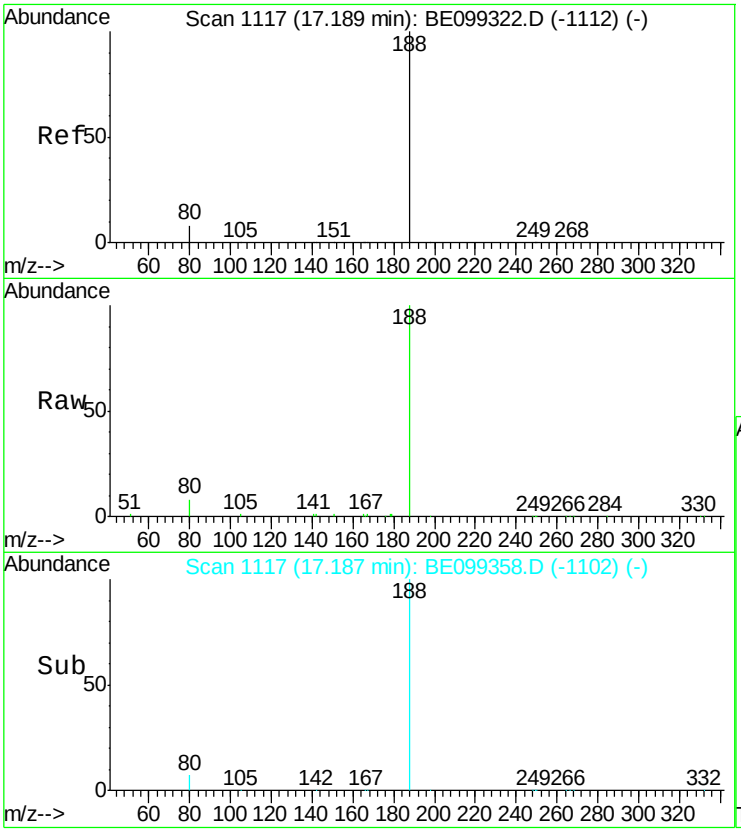


#18
Fluorene
Concen: 0.026 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:166 Resp: 1388

Ion	Ratio	Lower	Upper
166	100		
165	90.1	79.7	119.5
167	20.5	11.0	16.4#



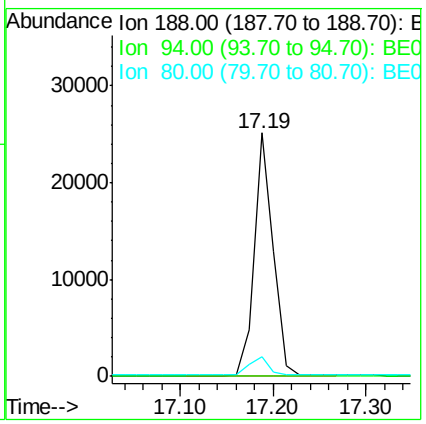


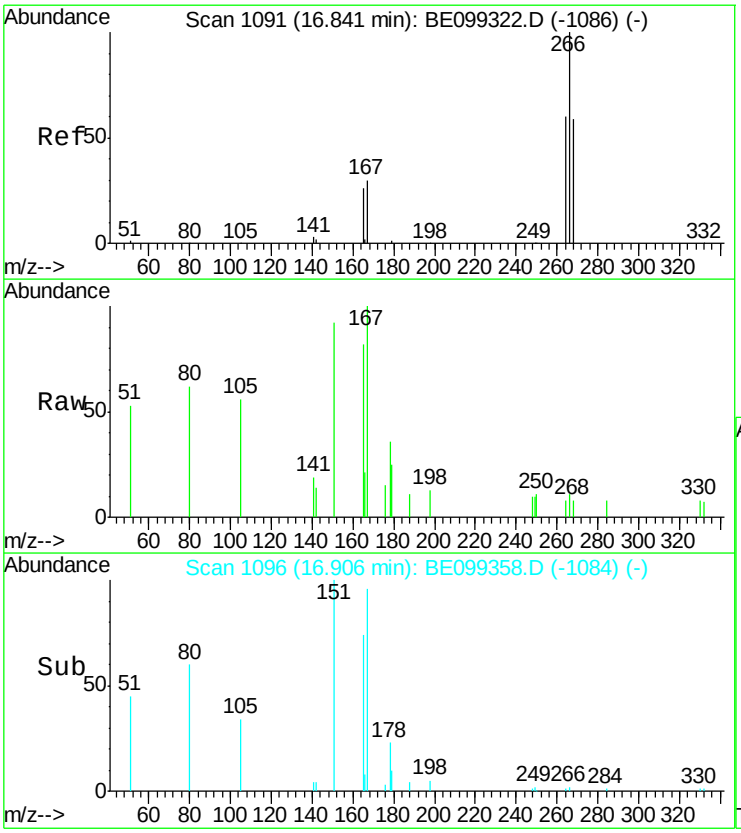
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 35364

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

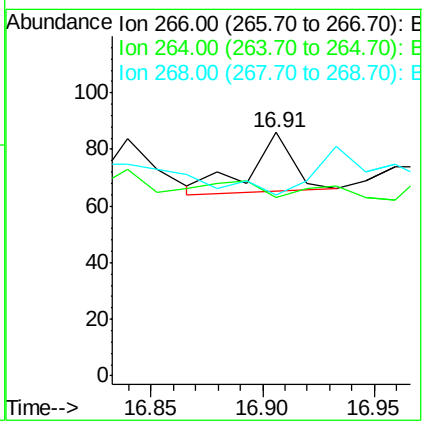


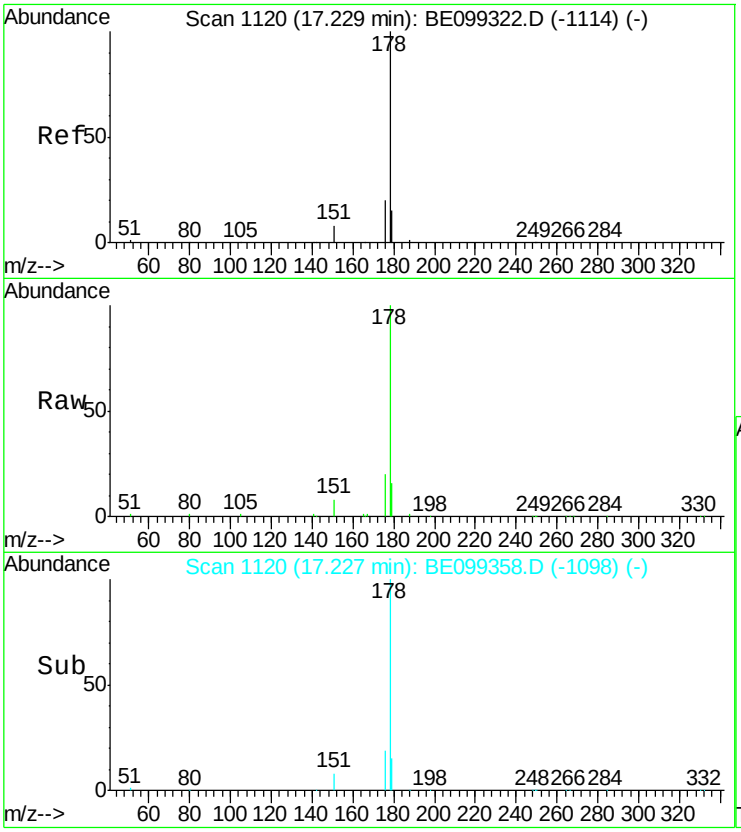


#22
Pentachlorophenol
Concen: 0.224 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.07 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
264	73.3	54.5	81.7
268	74.4	54.3	81.5



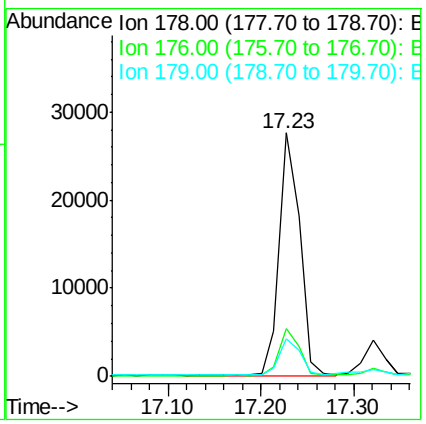


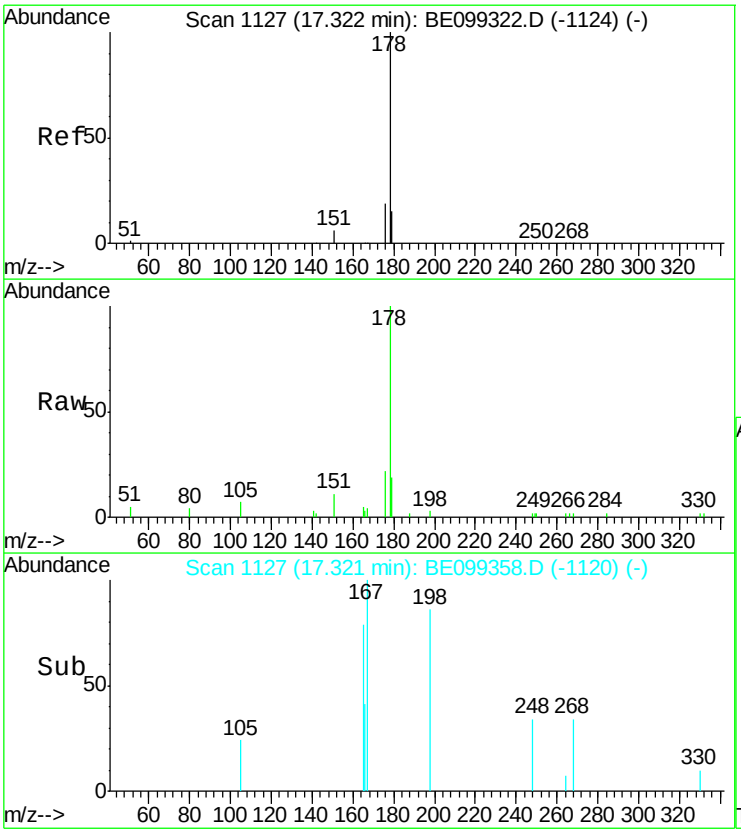
#23
Phenanthrene
Concen: 0.452 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 42340

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.8	12.4	18.6

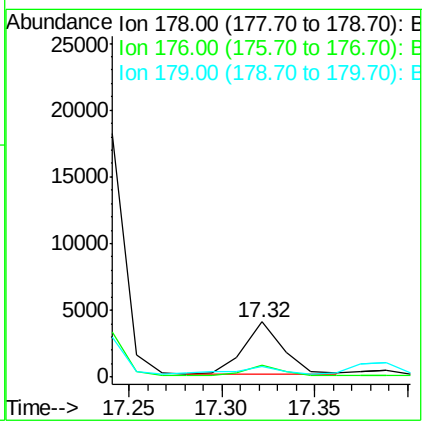


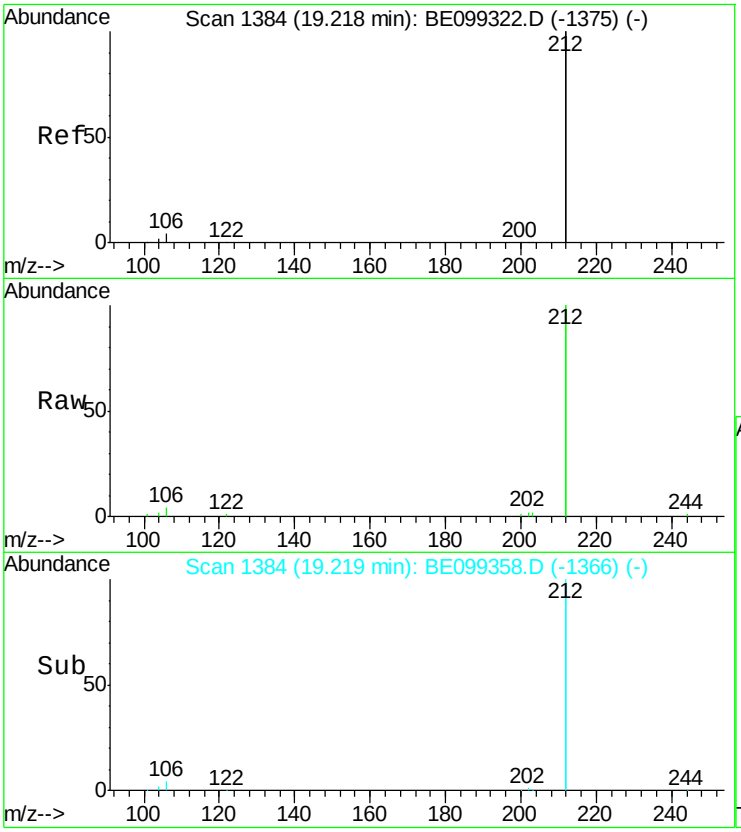


#24
Anthracene
Concen: 0.066 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:178 Resp: 5539

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	17.9	11.9	17.9#



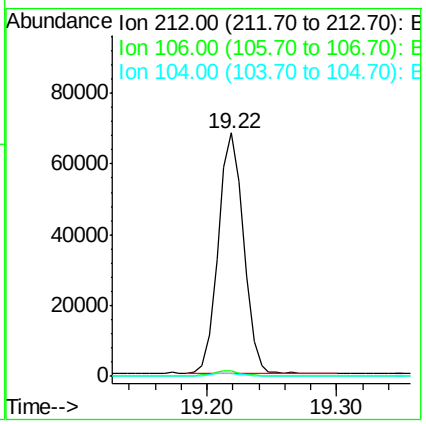


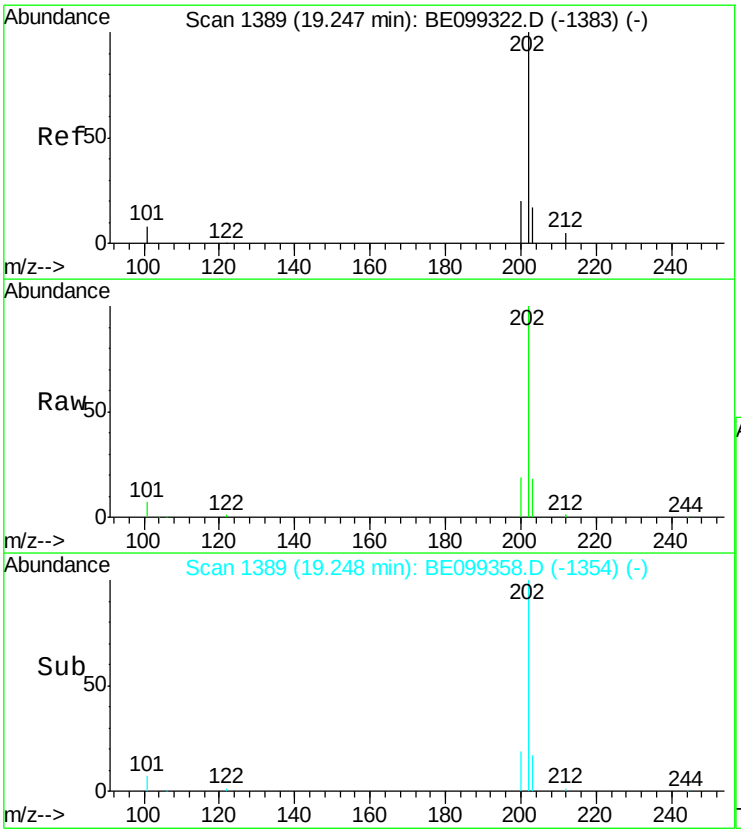
#25
Fluoranthene-d10
Concen: 0.215 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 91441

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

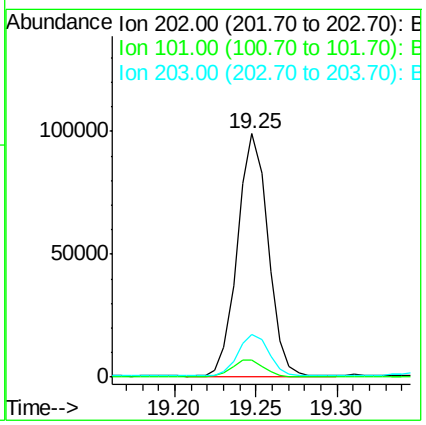


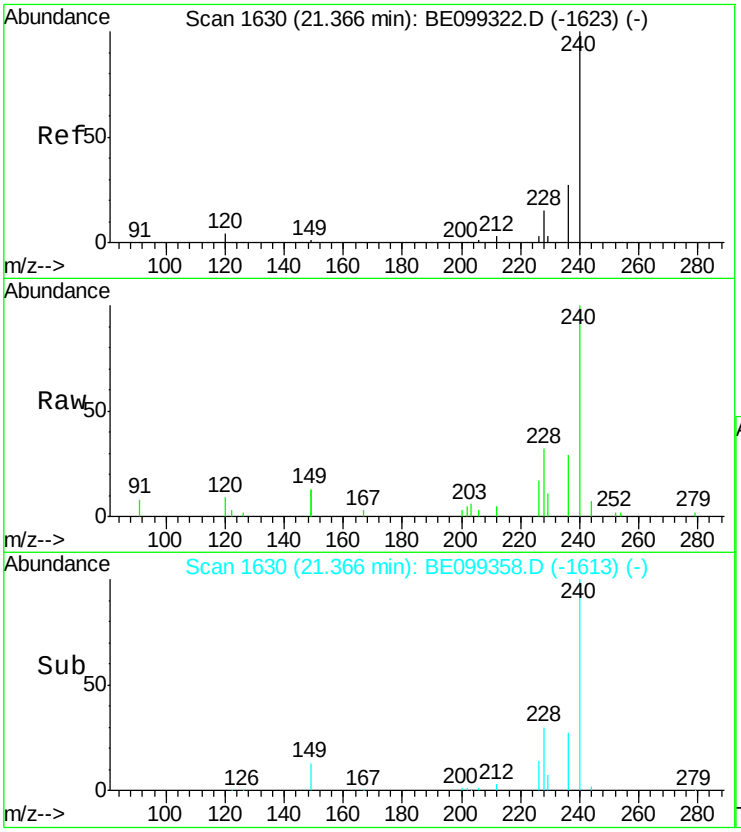


#26
Fluoranthene
Concen: 1.028 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:202 Resp: 128827

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.4	9.6
203	17.5	13.5	20.3



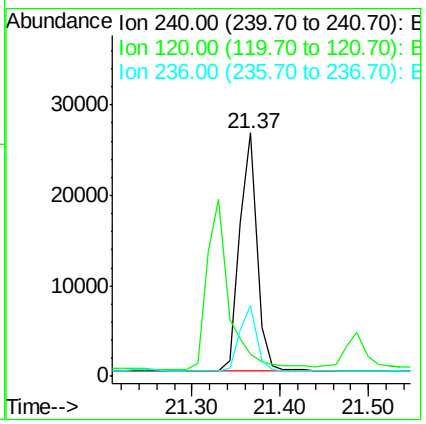


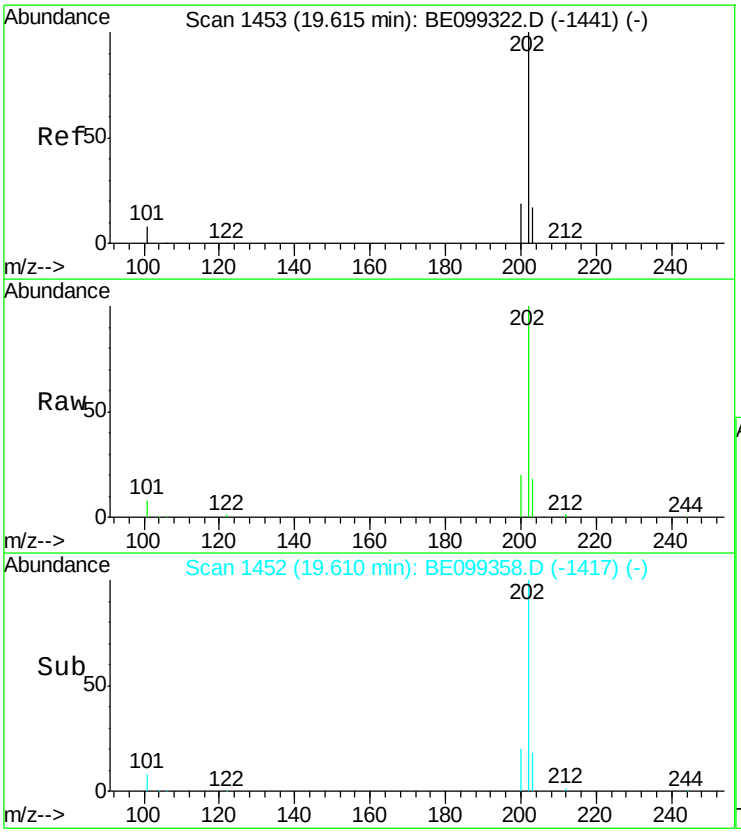
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 36535

Ion	Ratio	Lower	Upper
240	100		
120	8.9	2.2	3.2#
236	29.0	20.2	30.4

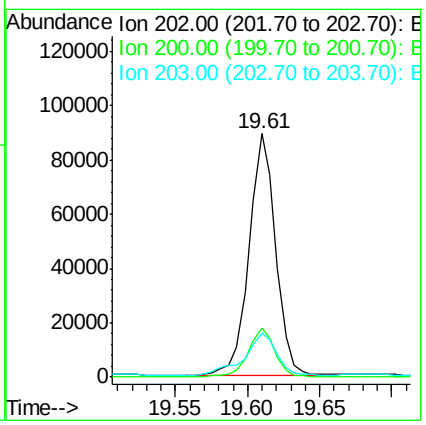


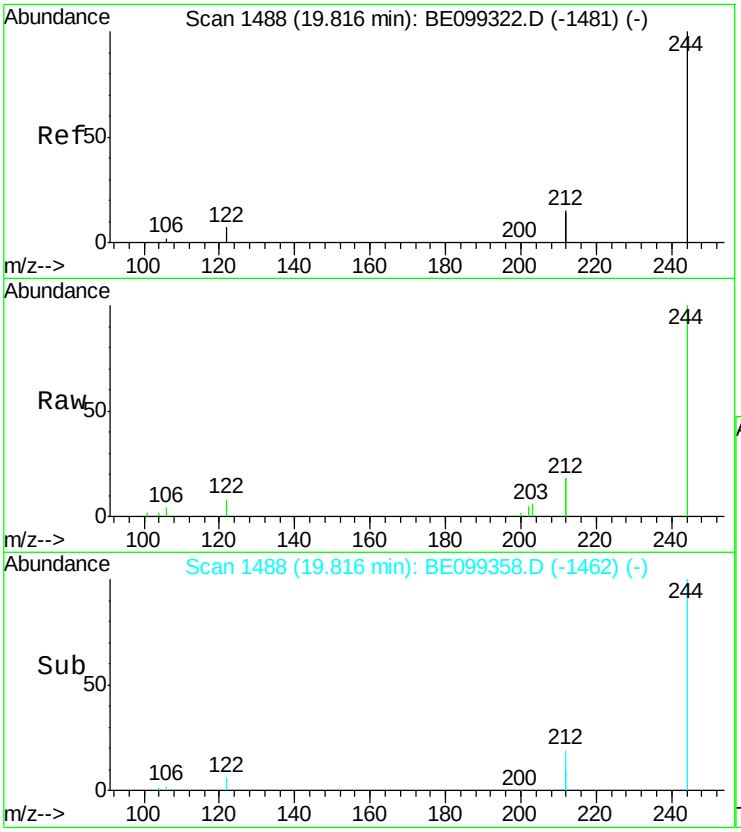


#28
Pyrene
Concen: 1.077 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:202 Resp: 115909

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.7	23.5
203	21.4	13.7	20.5#



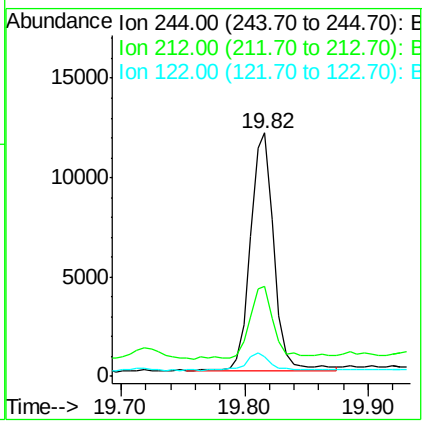


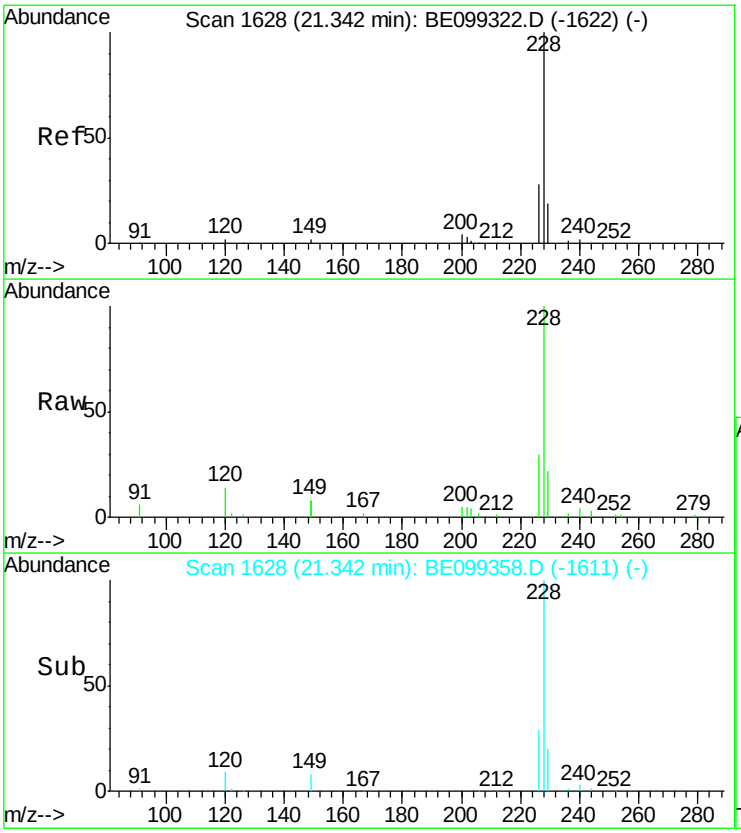
#29
Terphenyl-d14
Concen: 0.221 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 15863

Ion	Ratio	Lower	Upper
244	100		
212	36.8	22.6	33.8#
122	7.9	4.6	7.0#

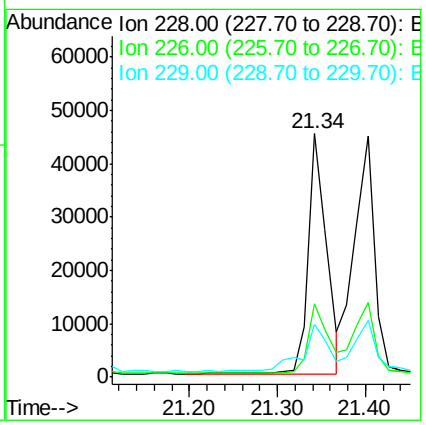


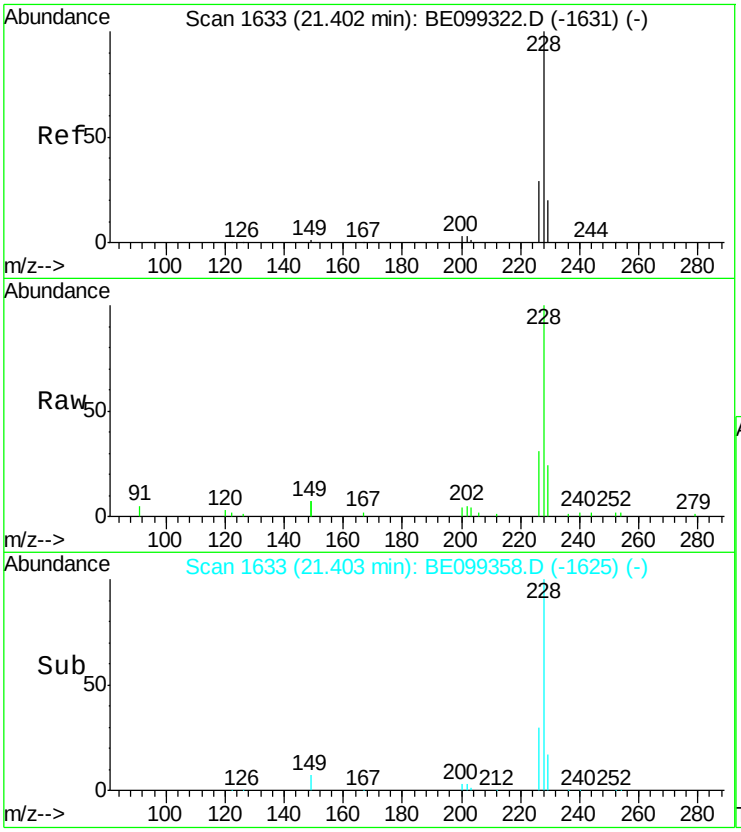


#30
Benzo(a)anthracene
Concen: 0.611 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:228 Resp: 65649

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.0	33.0
229	22.0	15.8	23.8



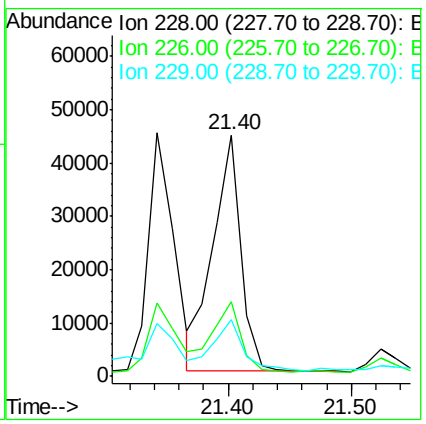


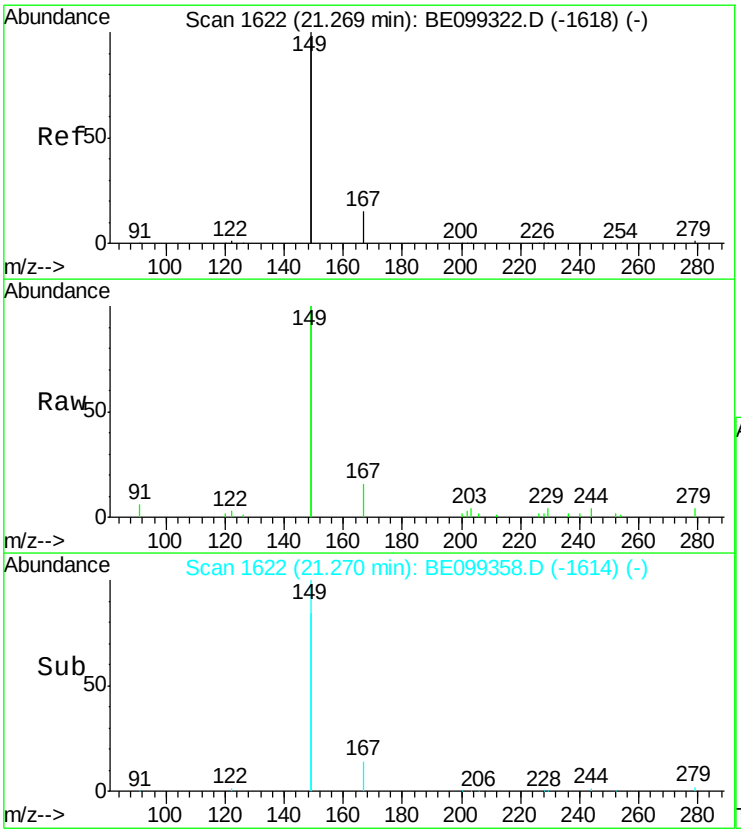
#31
Chrysene
Concen: 0.616 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 70443

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	23.5	16.2	24.2

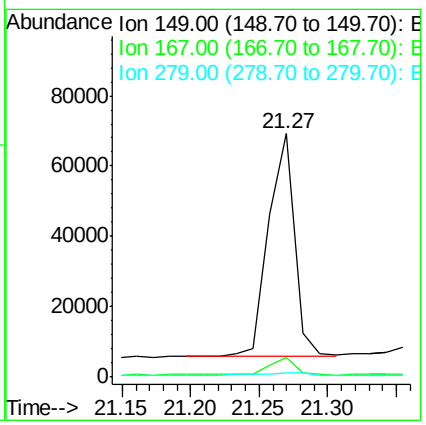


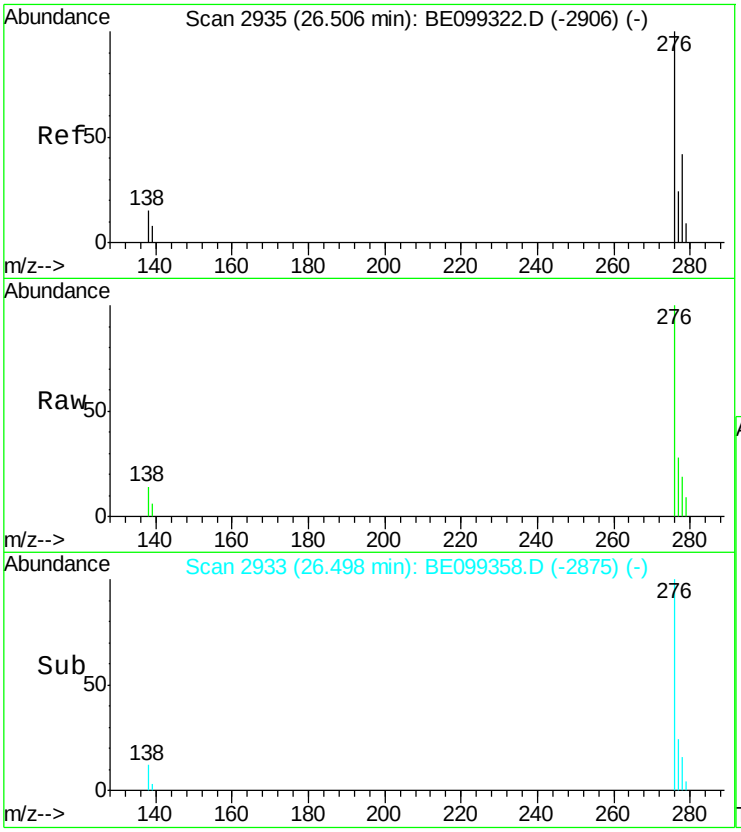


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.861 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:149 Resp: 84174

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.8	1.1	1.7#



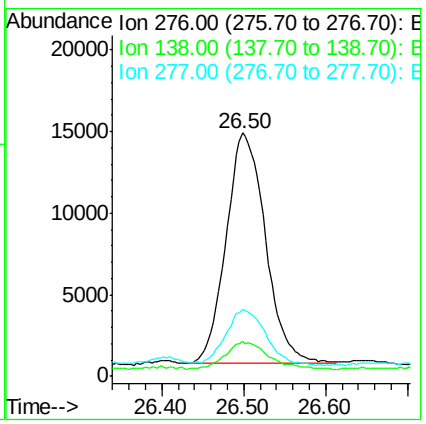


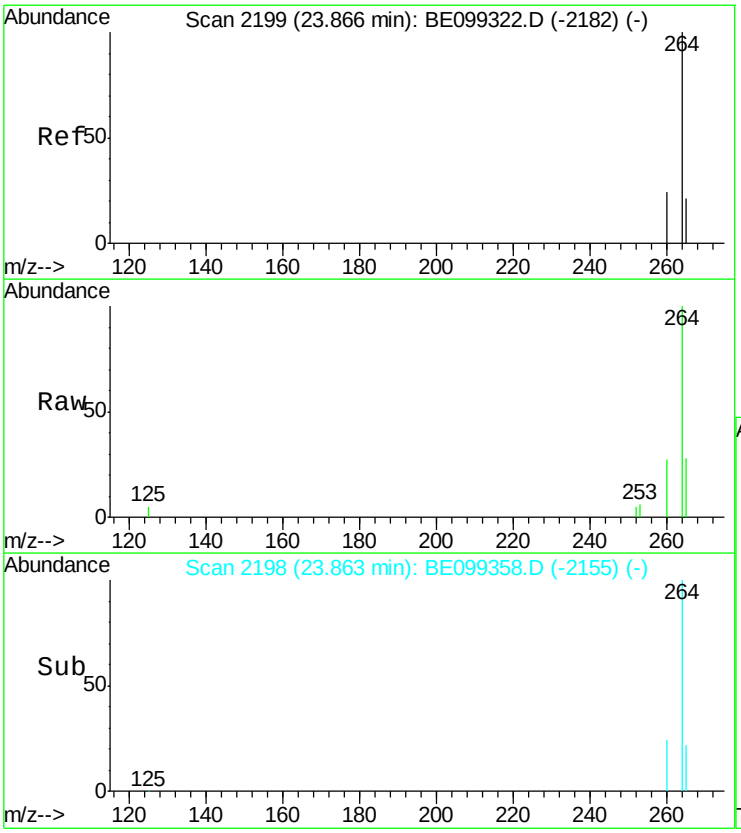
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng
RT: 26.50 min Scan# 2933
Delta R.T. 0.01 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 47303

Ion	Ratio	Lower	Upper
276	100		
138	12.6	12.7	19.1#
277	22.4	19.6	29.4

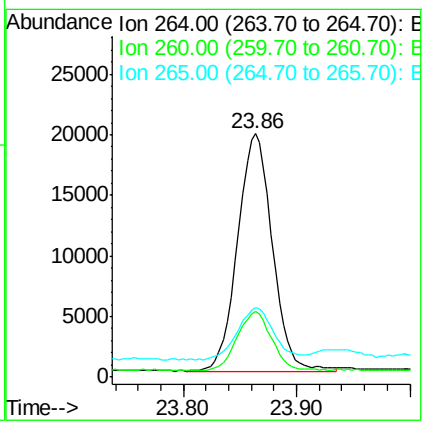


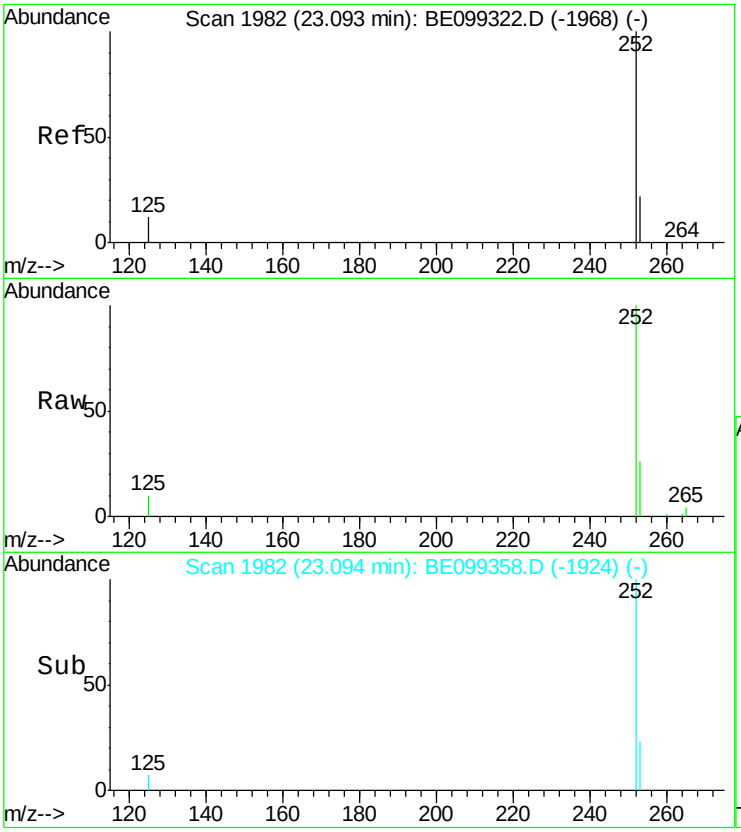


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:264 Resp: 41774

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.1	30.1
265	28.4	19.9	29.9



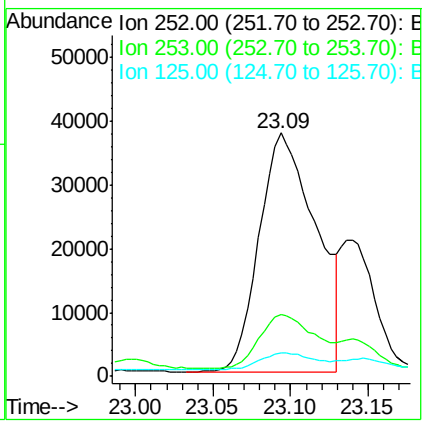


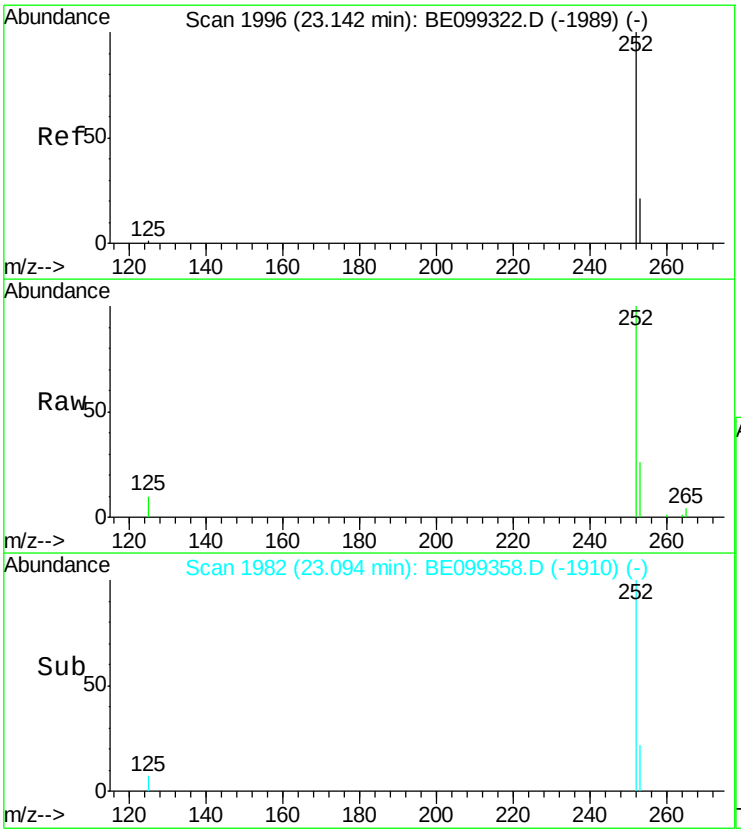
#35
Benzo(b)fluoranthene
Concen: 0.743 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 95041

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.3	25.9
125	9.7	5.8	8.6#

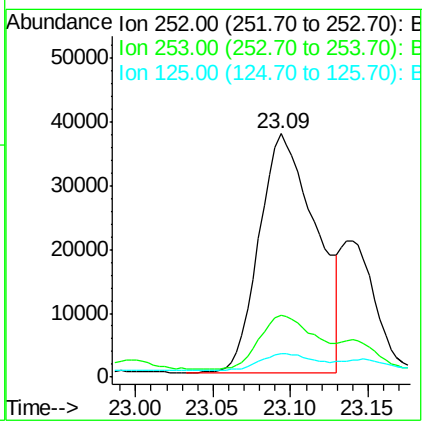


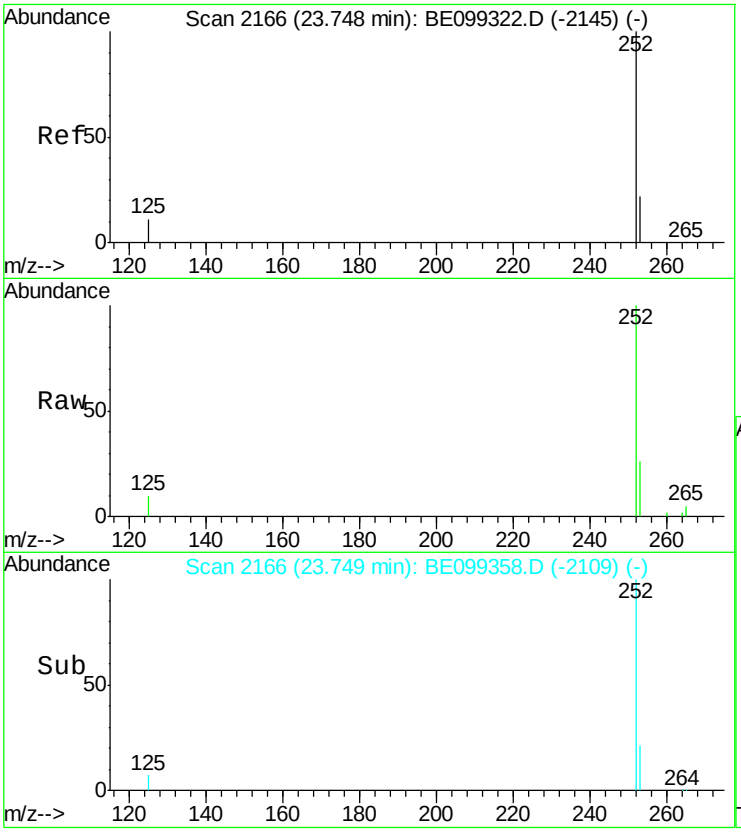


#36
Benzo(k)fluoranthene
Concen: 0.745 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.04 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:252 Resp: 95041

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.4	27.6
125	9.7	5.4	8.0#



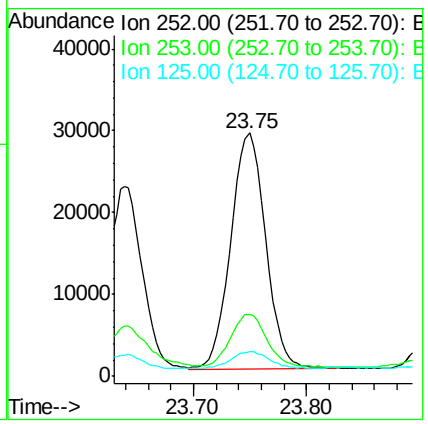


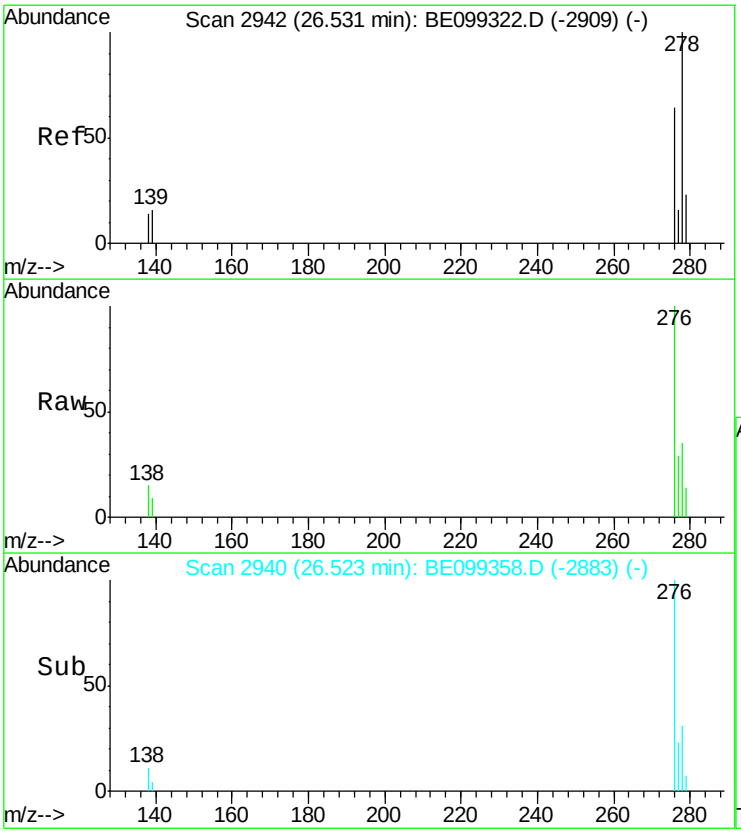
#37
Benzo(a)pyrene
Concen: 0.542 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 62048

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	10.1	6.5	9.7#

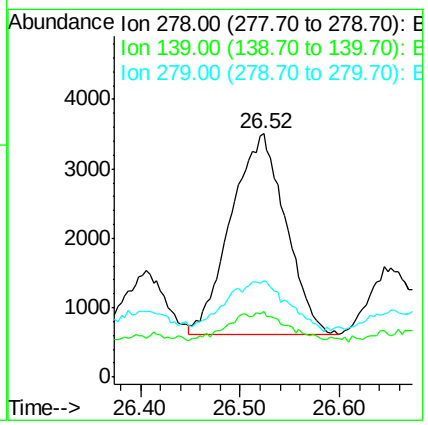


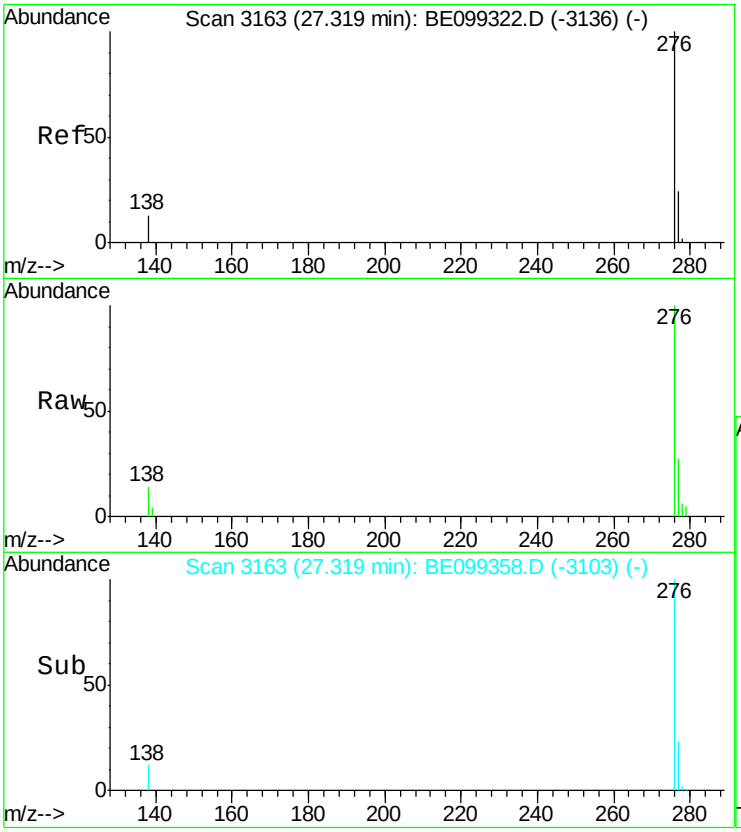


#38
Dibenzo(a,h)anthracene
Concen: 0.094 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Tgt Ion:278 Resp: 10965

Ion	Ratio	Lower	Upper
278	100		
139	26.9	8.5	12.7#
279	39.8	19.8	29.8#





#39
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 27.32 min Scan# 3163
Delta R.T. 0.01 min
Lab File: BE099358.D
Acq: 25 Apr 2019 13:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 48970

Ion	Ratio	Lower	Upper
276	100		
277	27.2	20.0	30.0
138	14.4	11.1	16.7