Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080317\
Data File : BE093655.D
Acq On : 3 Aug 2017 13:19
Operator : SJ/JU
Sample : I4425-07
Misc : I4426-07
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 04 04:12:39 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2813	0.40	ng		-0.01
7) Naphthalene-d8	10.71	136	14660	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	8635	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	22452	0.40	ng		0.00
27) Chrysene-d12	21.40	240	22406	0.40	ng		-0.01
34) Perylene-d12	23.91	264	20119	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	2863	0.34	ng		0.00
5) Phenol-d6	7.09	99	4439	0.35	ng		-0.01
8) Nitrobenzene-d5	9.06	82	3417	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	6165	0.27	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	528	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	8800	0.25	ng		-0.02
25) Fluoranthene-d10	19.27	212	62270	0.24	ng		0.00
29) Terphenyl-d14	19.86	244	10832	0.27	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.66	42	5823	1.363	ng	#	1
16) Acenaphthylene	14.24	152	869	0.021	ng	#	54
20) 4-Bromophenyl-phenylether	16.42	248	35	Below Cal		#	1
21) Hexachlorobenzene	16.49	284	2	Below Cal		#	100
22) Pentachlorophenol	16.91	266	12	0.153	ng	#	58
23) Phenanthrene	17.27	178	10888	0.221	ng		96
24) Anthracene	17.37	178	3428	0.051	ng	#	82
26) Fluoranthene	19.30	202	81266	1.034	ng		99
28) Pyrene	19.66	202	75175	1.038	ng	#	88
30) Benzo(a)anthracene	21.39	228	46329	0.703	ng		96
31) Chrysene	21.45	228	38197	0.520	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	14791	0.165	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	18448	0.277	ng	#	90
35) Benzo(b)fluoranthene	23.14	252	46815	0.652	ng	#	90
36) Benzo(k)fluoranthene	23.14	252	46815	0.638	ng		94
37) Benzo(a)pyrene	23.80	252	32191	0.495	ng		96
38) Dibenzo(a,h)anthracene	26.55	278	4994	0.080	ng	#	90
39) Benzo(g,h,i)perylene	27.36	276	17524	0.275	ng		94

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

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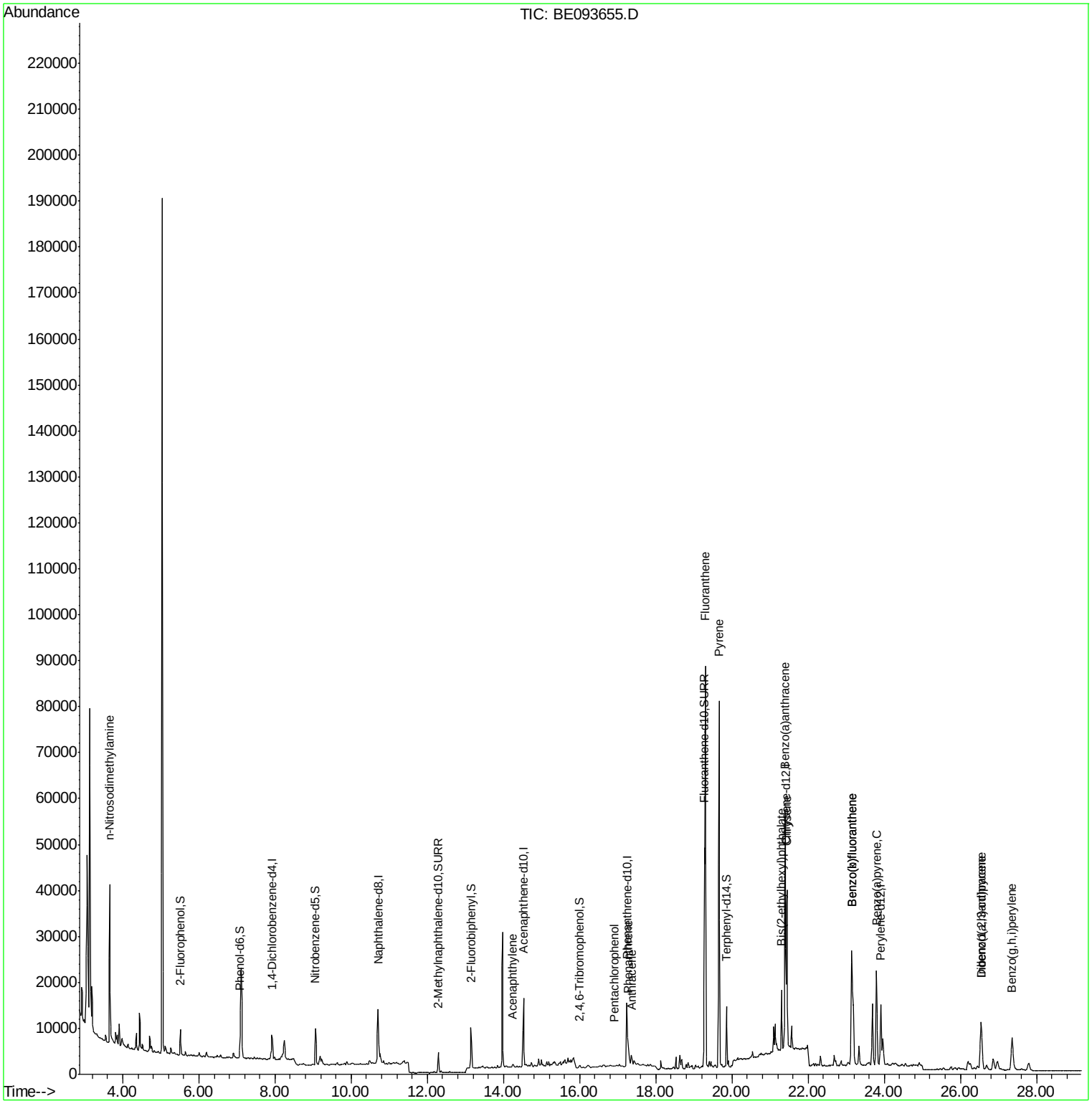
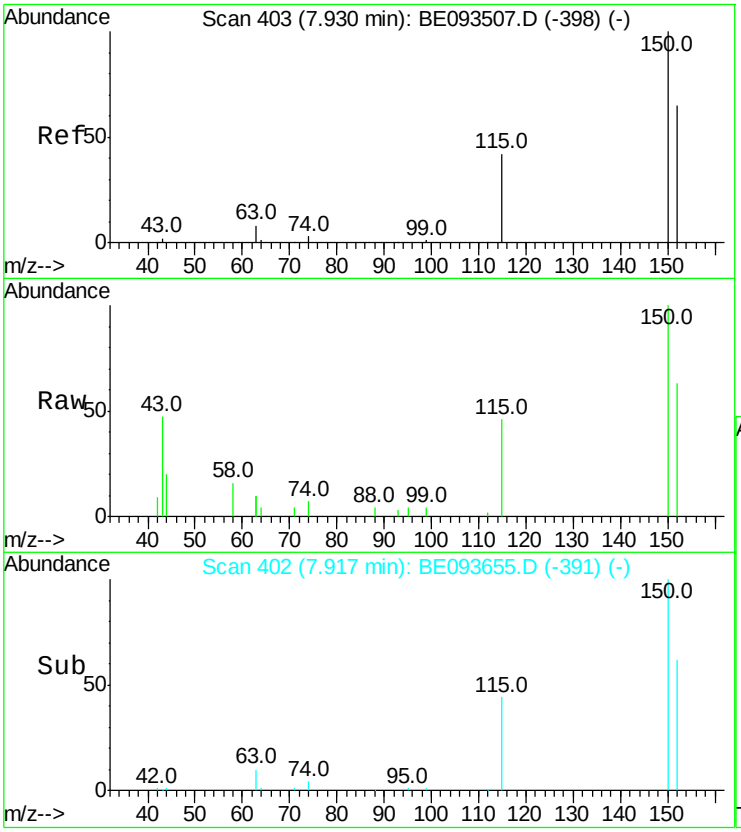


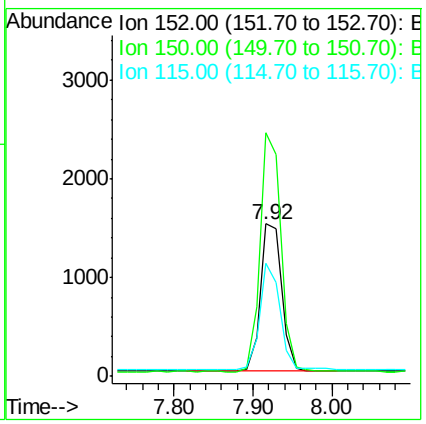


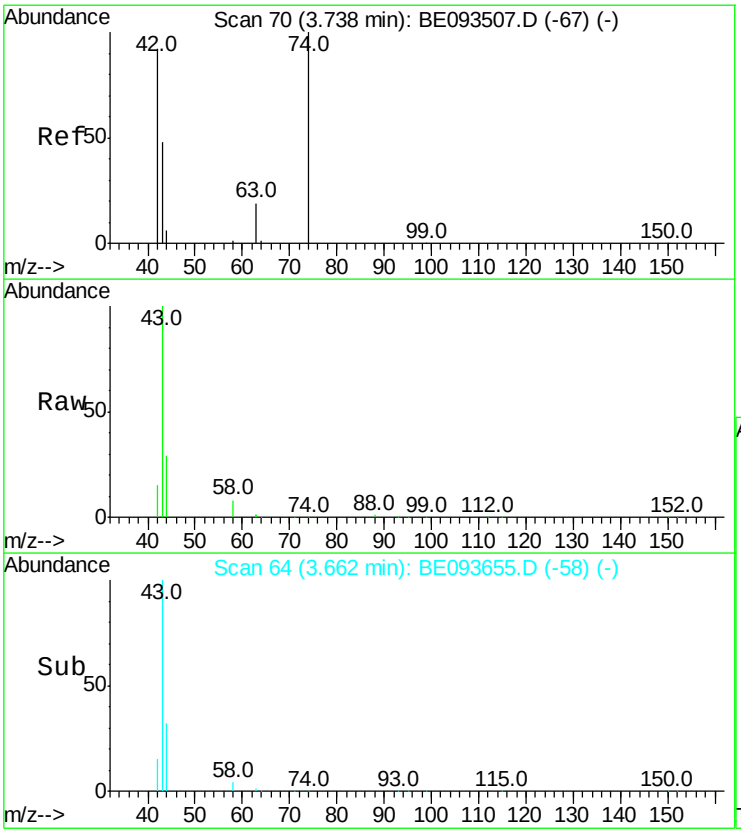
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2813

Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.1	187.7
115	74.0	55.7	83.5

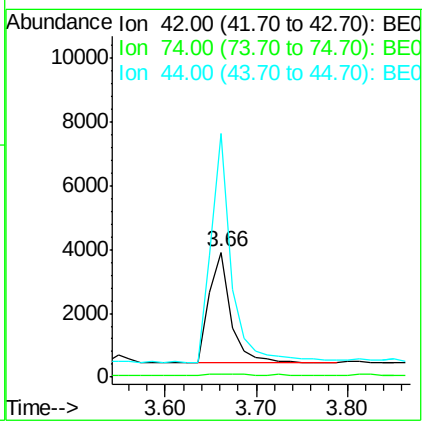


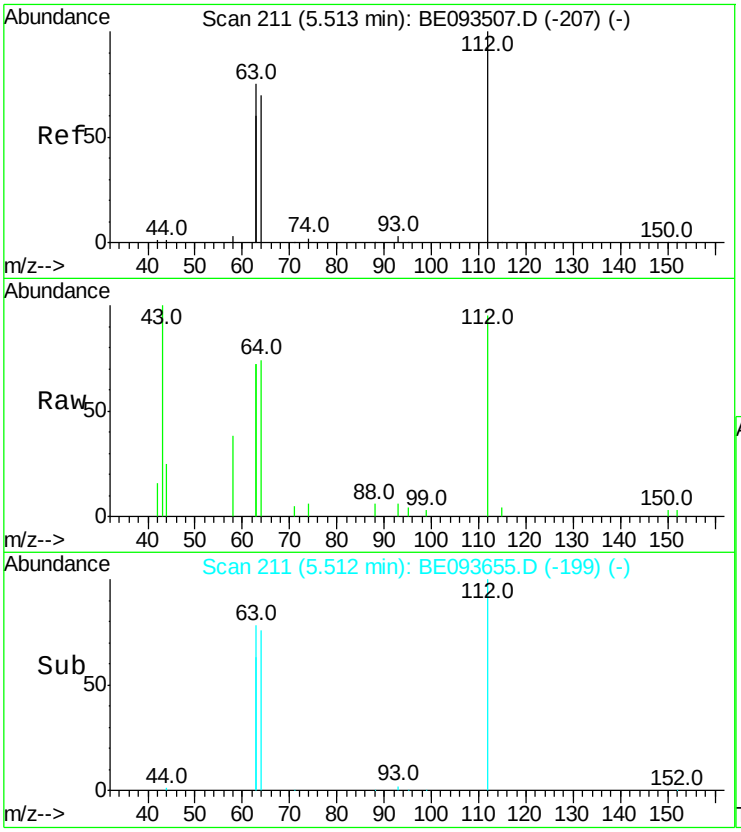


#3
n-Nitrosodimethylamine
Concen: 1.363 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.08 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion: 42 Resp: 5823

Ion	Ratio	Lower	Upper
42	100		
74	1.8	99.1	148.7#
44	194.4	7.4	11.2#



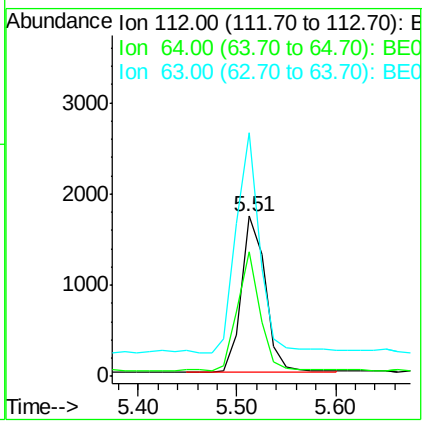


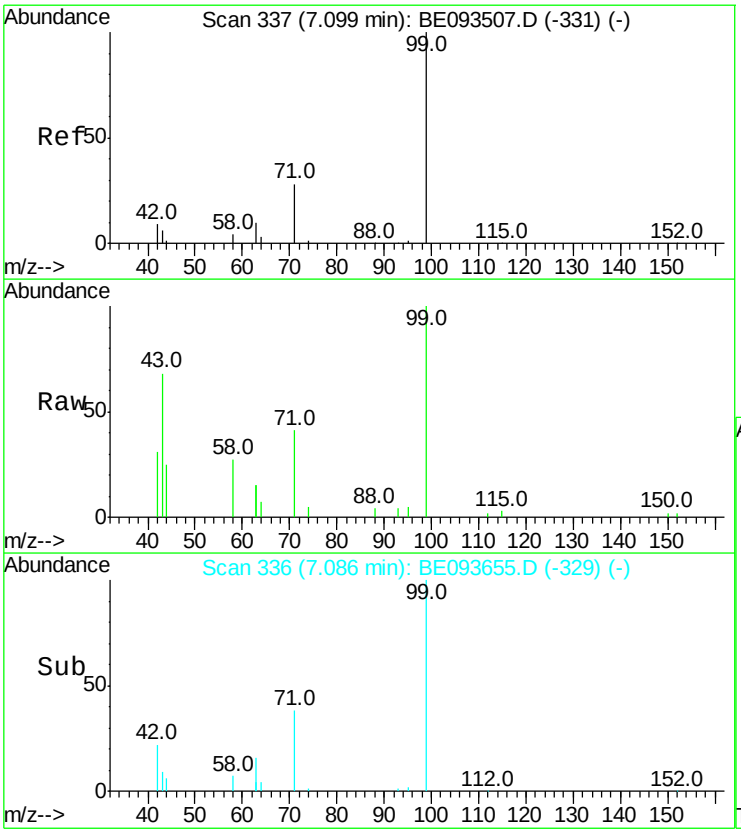
#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 2863

Ion	Ratio	Lower	Upper
112	100		
64	71.6	56.4	84.6
63	137.4	29.3	43.9#

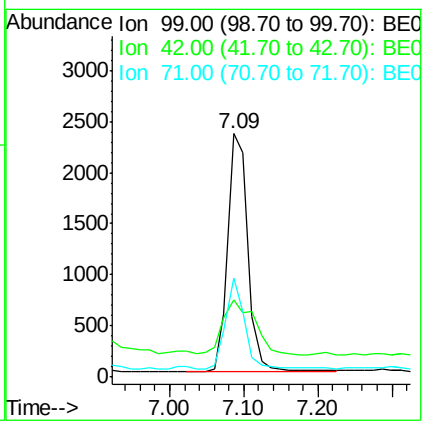


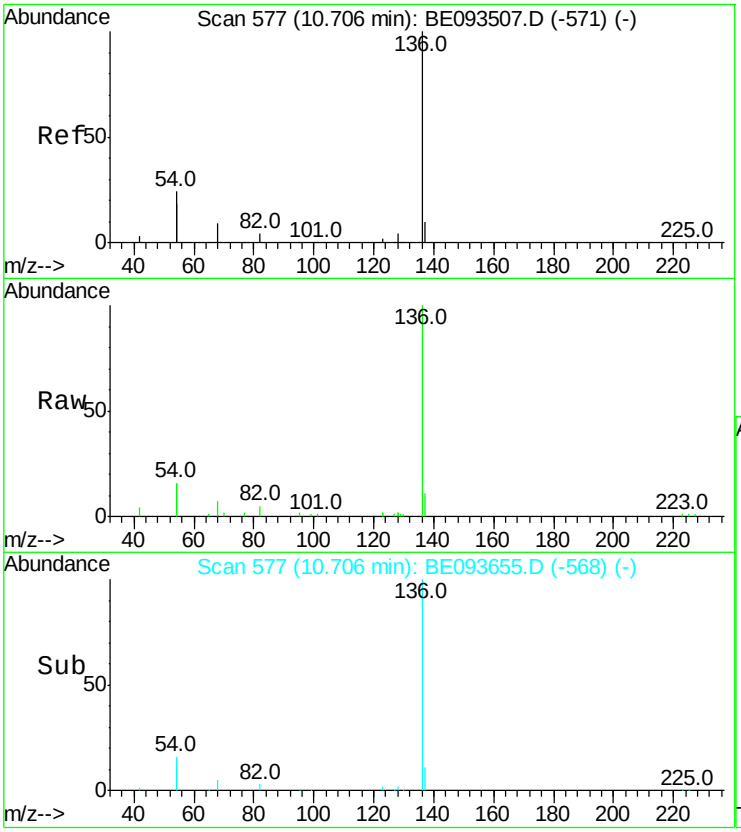


#5
Phenol-d6
Concen: 0.352 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion: 99 Resp: 4439

Ion	Ratio	Lower	Upper
99	100		
42	35.5	0.0	0.0#
71	35.2	0.0	0.0#



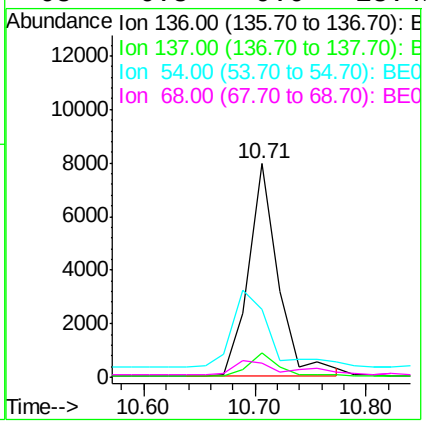


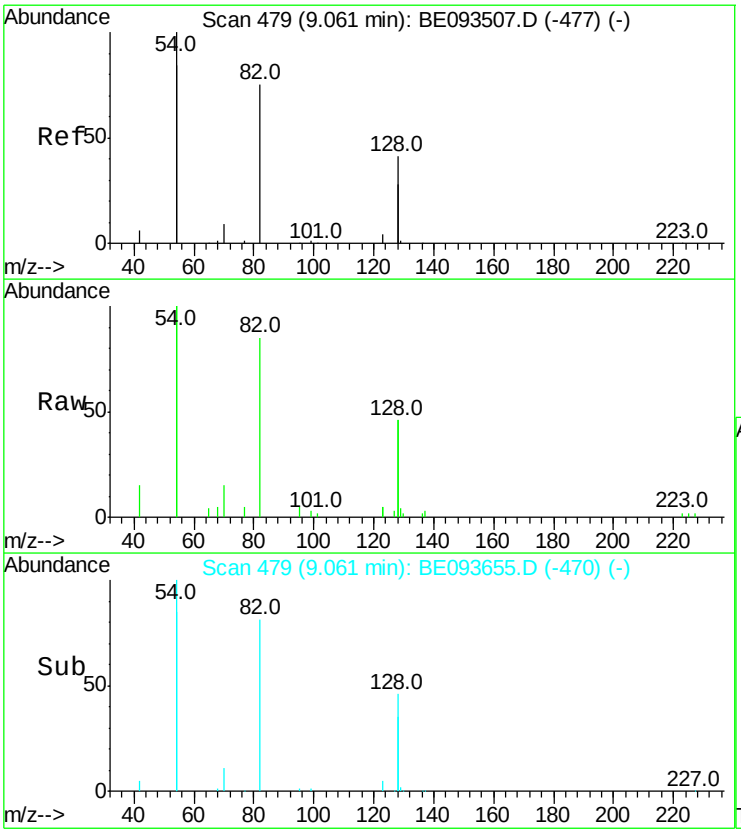
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14660

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	32.0	10.3	15.5#
68	6.8	9.0	13.4#

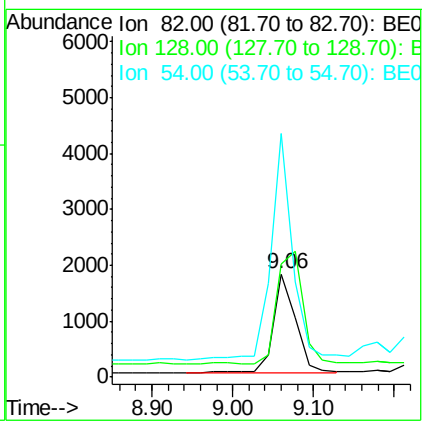


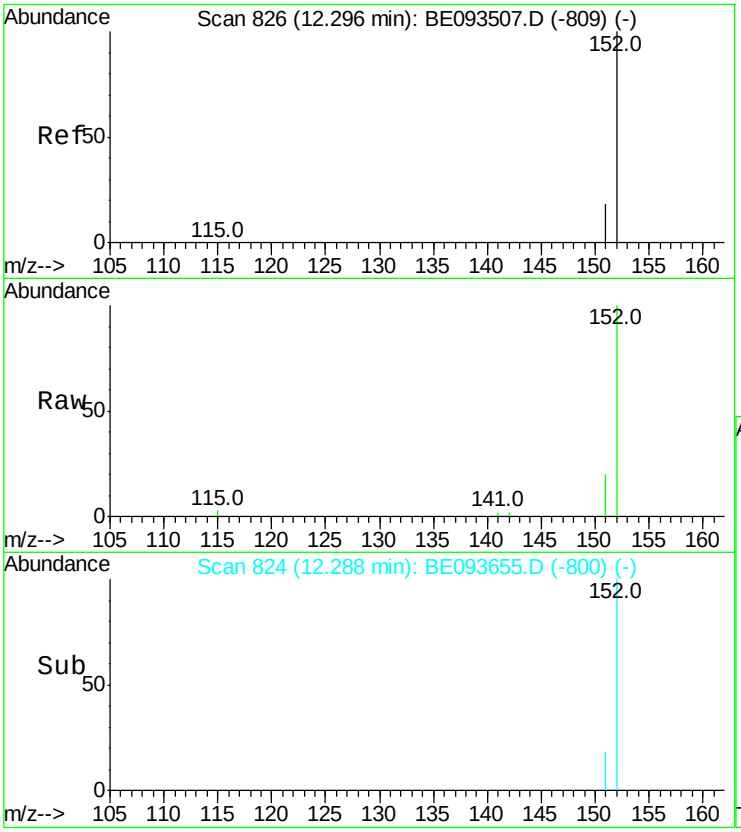


#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion: 82 Resp: 3417

Ion	Ratio	Lower	Upper
82	100		
128	109.0	17.0	25.4#
54	235.7	53.8	80.6#



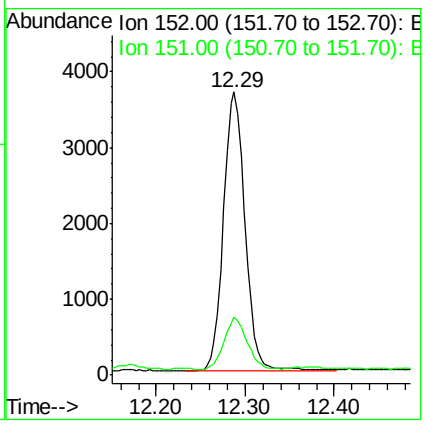


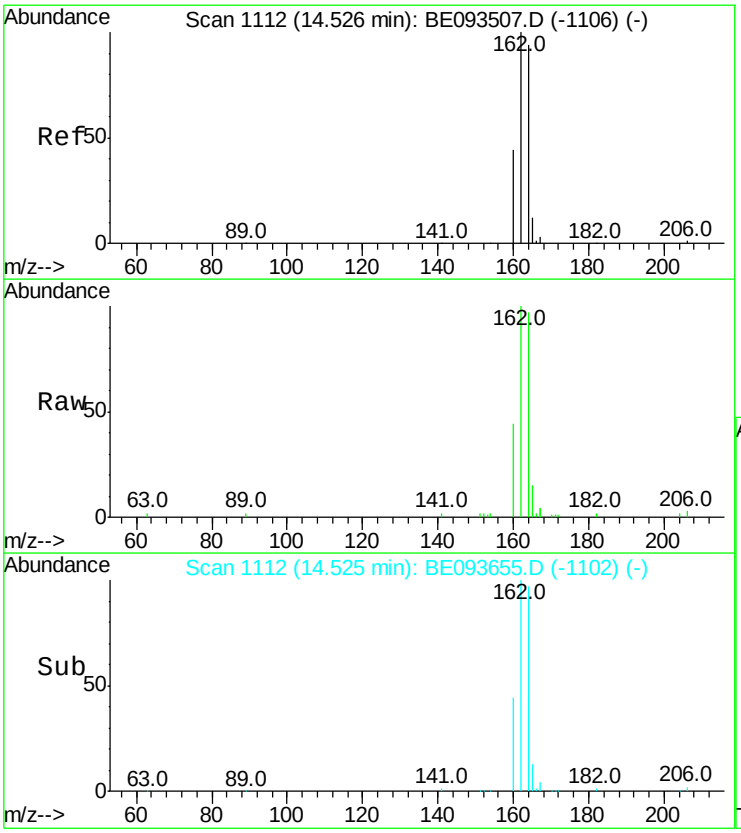
#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6165

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.1	22.7

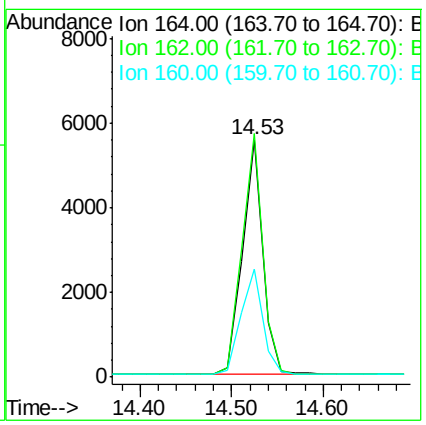


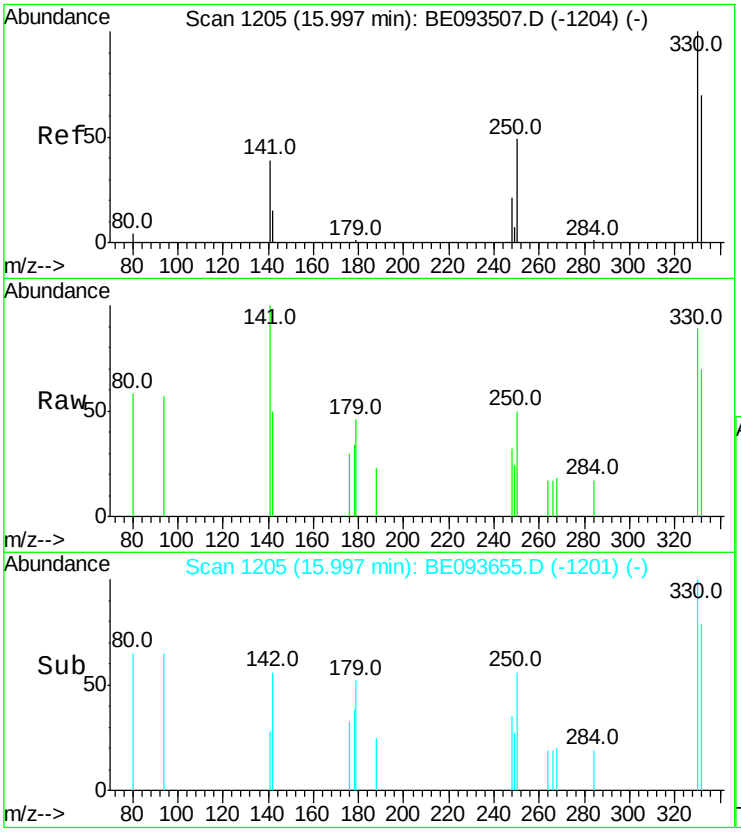


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:164 Resp: 8635

Ion	Ratio	Lower	Upper
164	100		
162	102.6	84.6	127.0
160	45.6	41.8	62.6



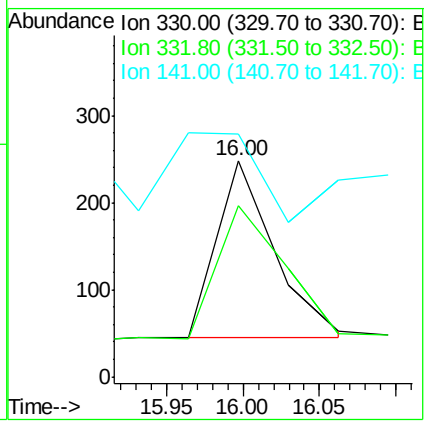


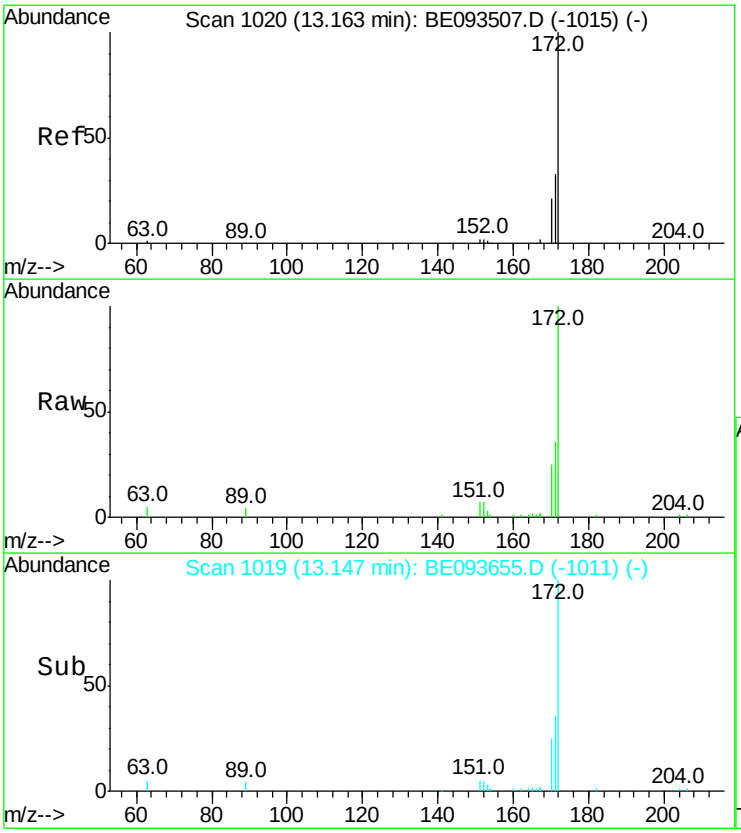
#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 528

Ion	Ratio	Lower	Upper
330	100		
332	88.1	77.7	116.5
141	0.0	56.2	84.4#

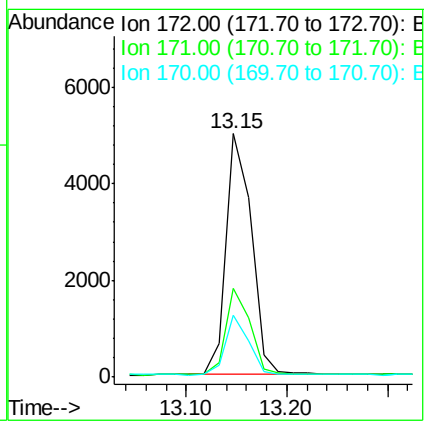


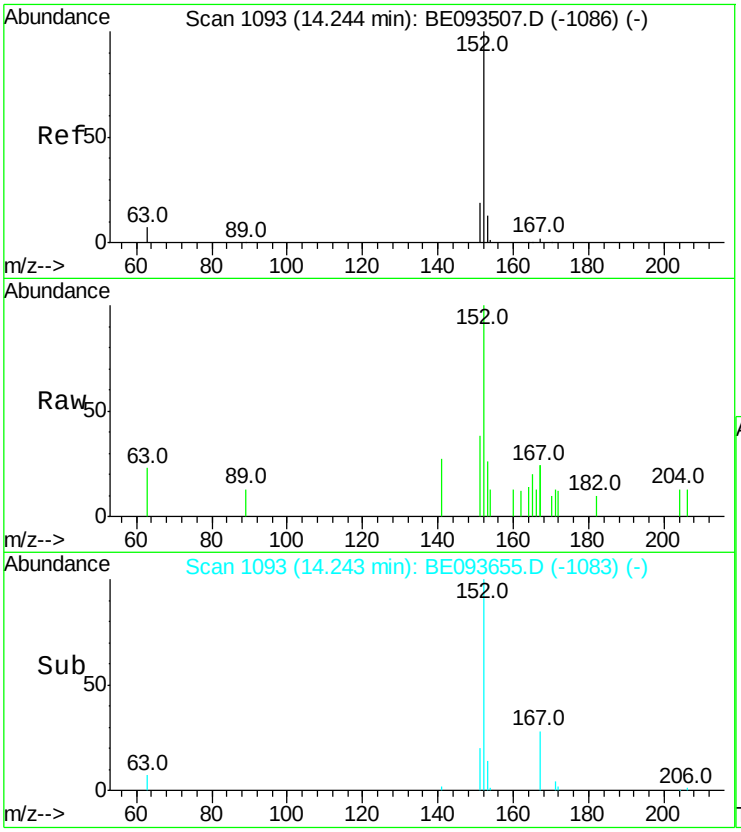


#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:172 Resp: 8800

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	25.3	20.7	31.1



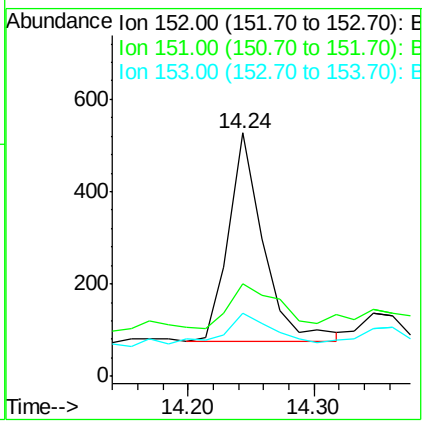


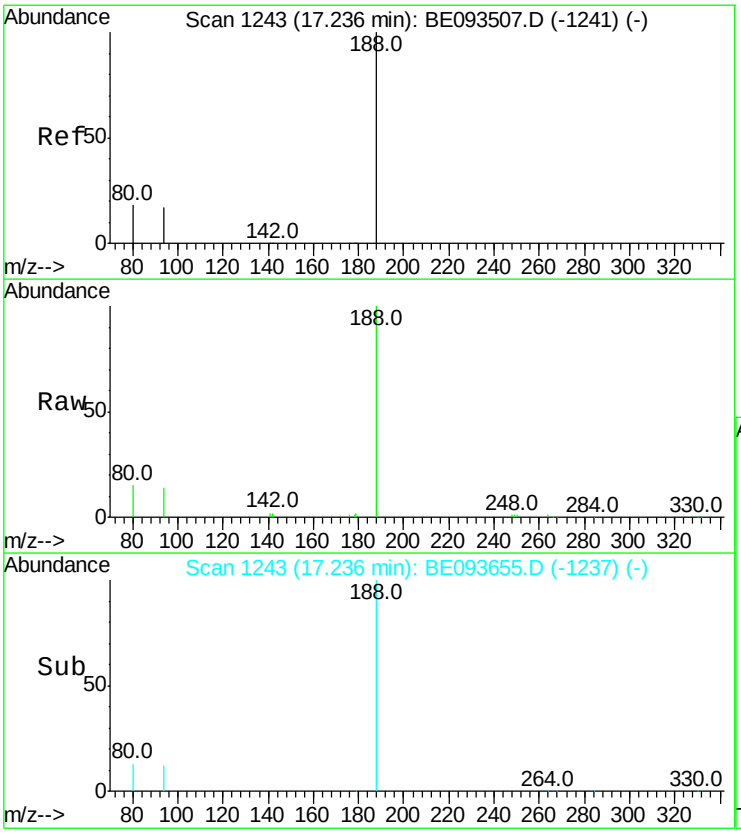
#16
Acenaphthylene
Concen: 0.021 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 869

Ion	Ratio	Lower	Upper
152	100		
151	30.3	4.0	6.0#
153	26.6	10.3	15.5#

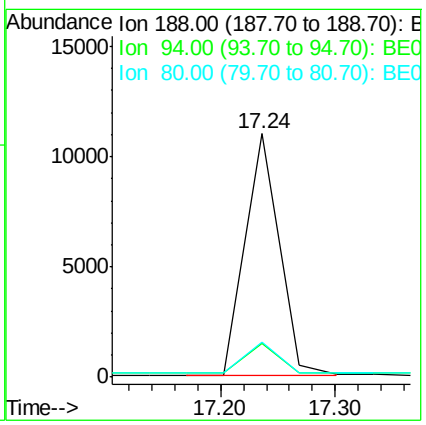


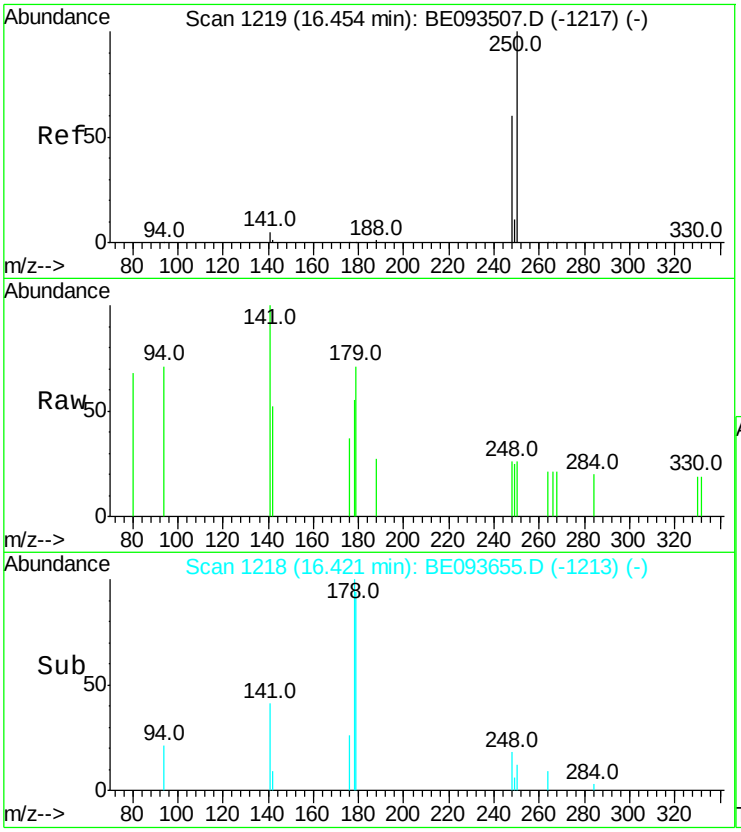


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:188 Resp: 22452

Ion	Ratio	Lower	Upper
188	100		
94	14.0	11.3	16.9
80	14.6	11.7	17.5



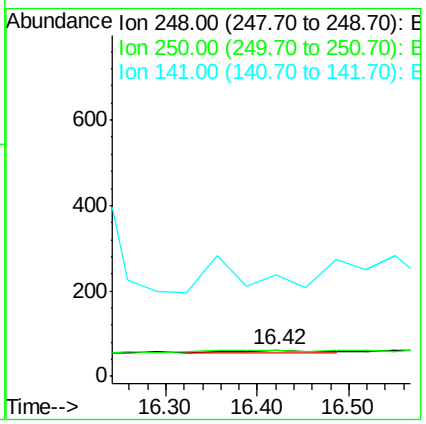


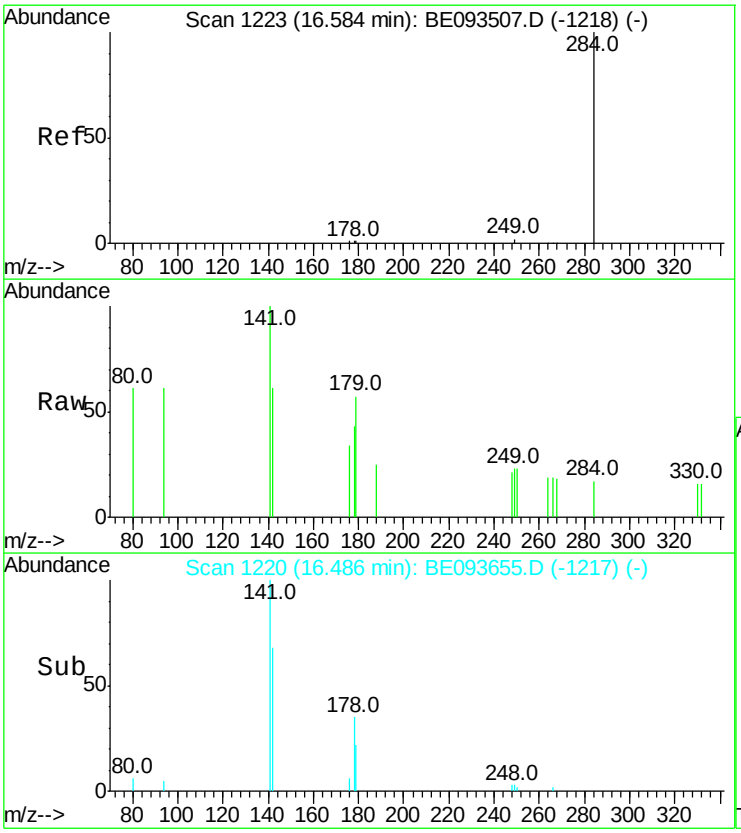
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 35

Ion	Ratio	Lower	Upper
248	100		
250	100.0	128.0	192.0#
141	391.8	12.0	18.0#

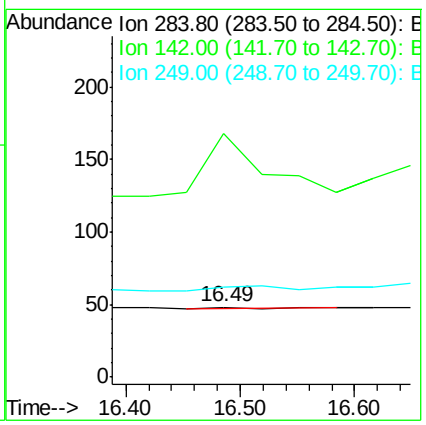


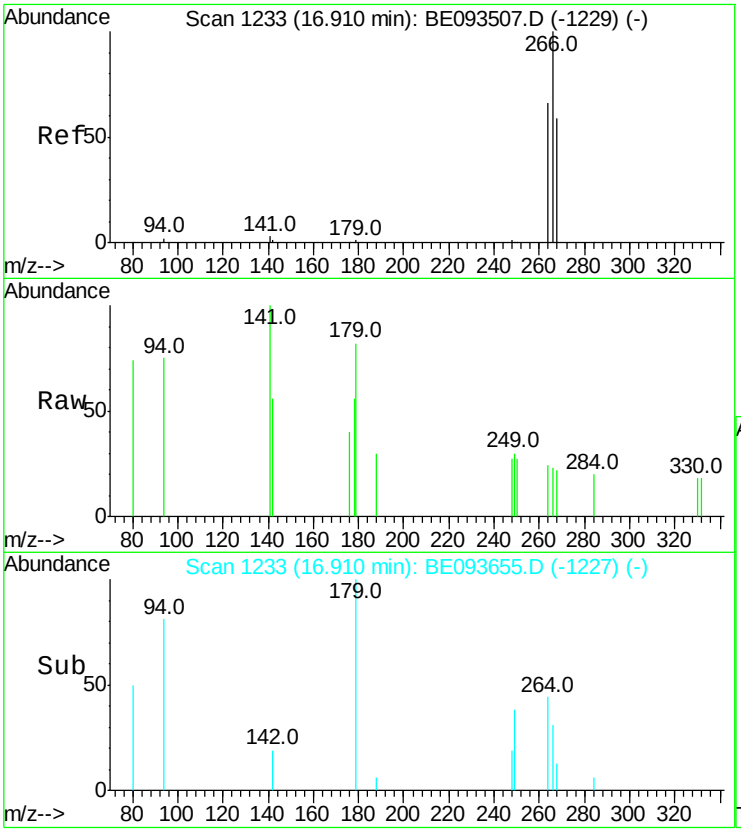


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.49 min Scan# 1220
Delta R.T. -0.10 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:284 Resp: 2

Ion	Ratio	Lower	Upper
284	100		
142	6450.0	0.0	0.0#
249	0.0	0.0	0.0



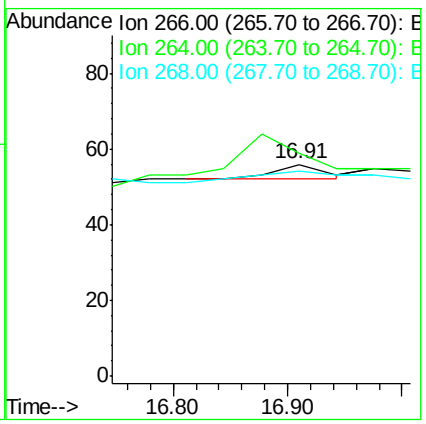


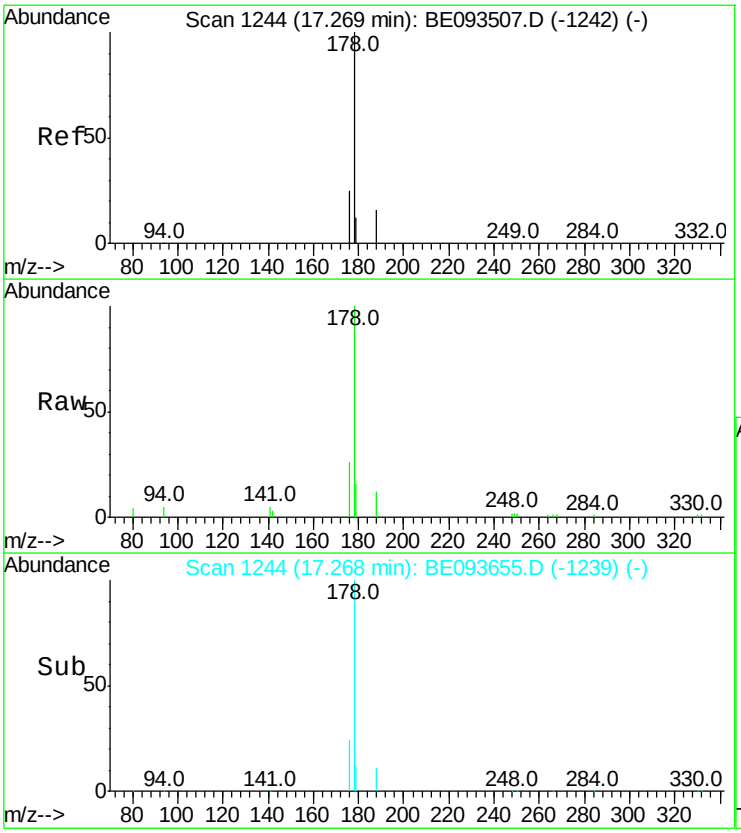
#22
Pentachlorophenol
Concen: 0.153 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
264	105.4	56.0	84.0#
268	96.4	52.0	78.0#

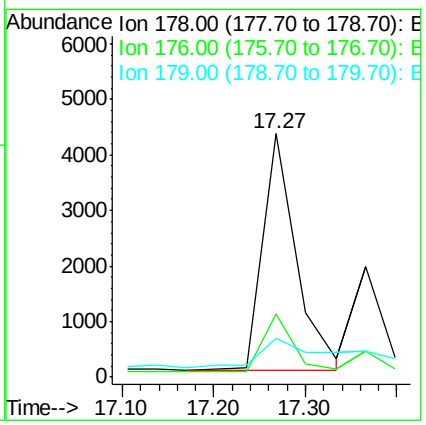


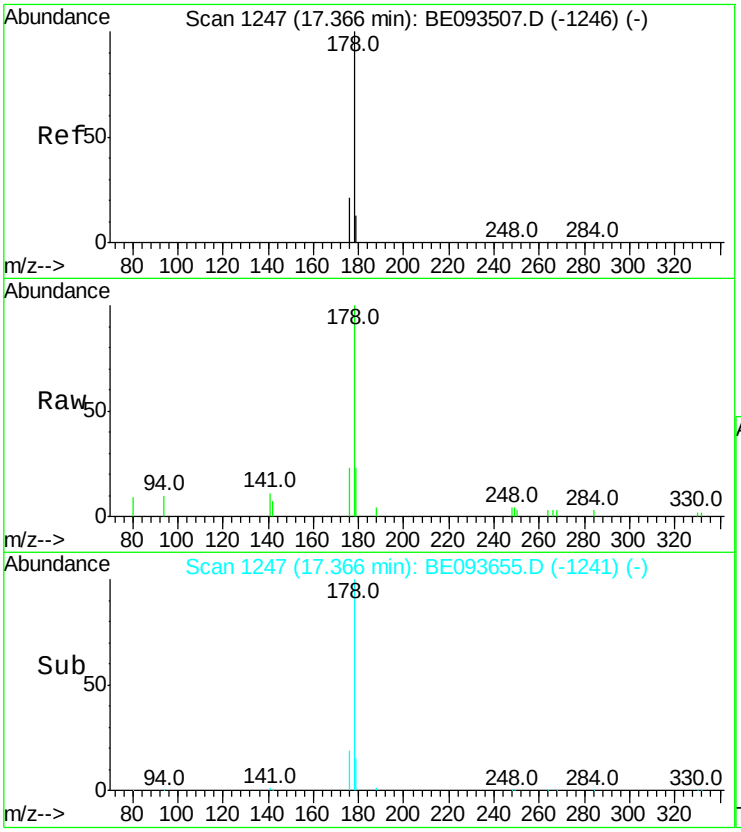


#23
Phenanthrene
Concen: 0.221 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:178 Resp: 10888

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.0	22.4
179	16.1	12.7	19.1



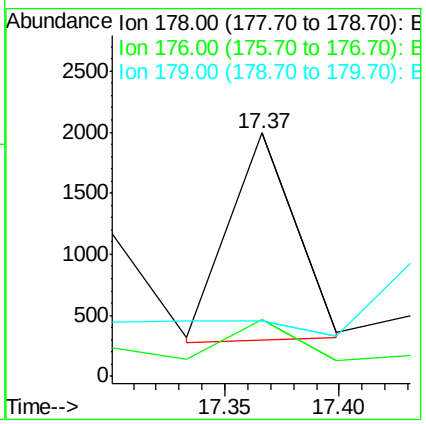


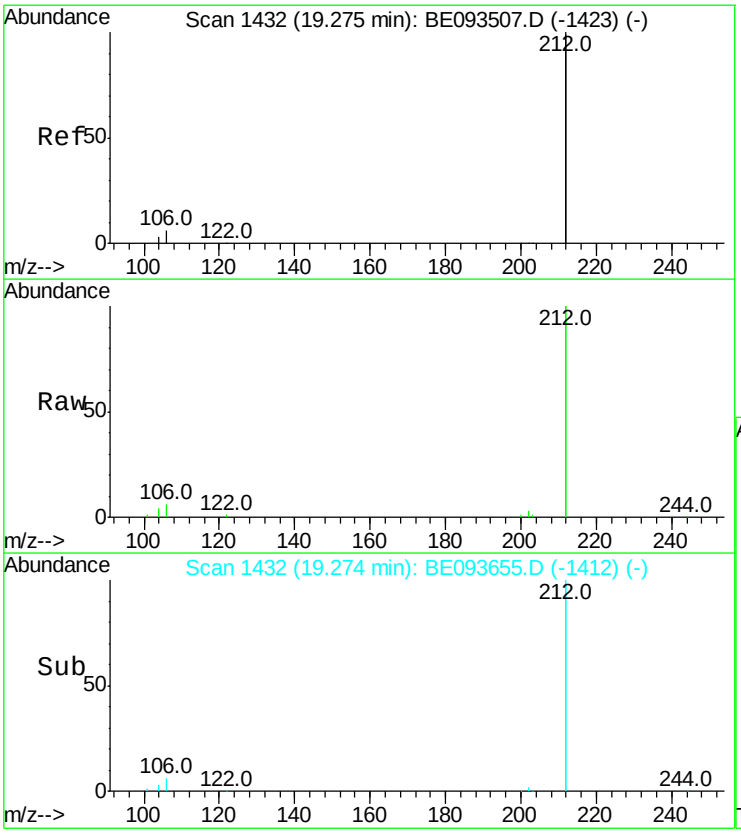
#24
Anthracene
Concen: 0.051 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3428

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	0.0	12.0	18.0#

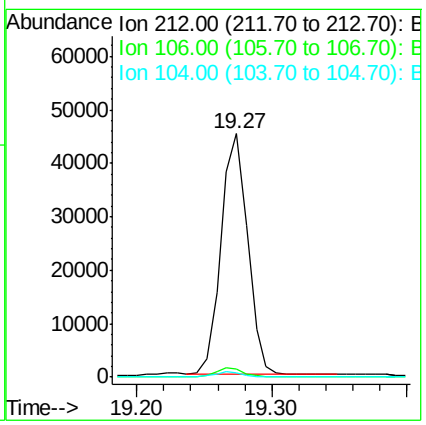


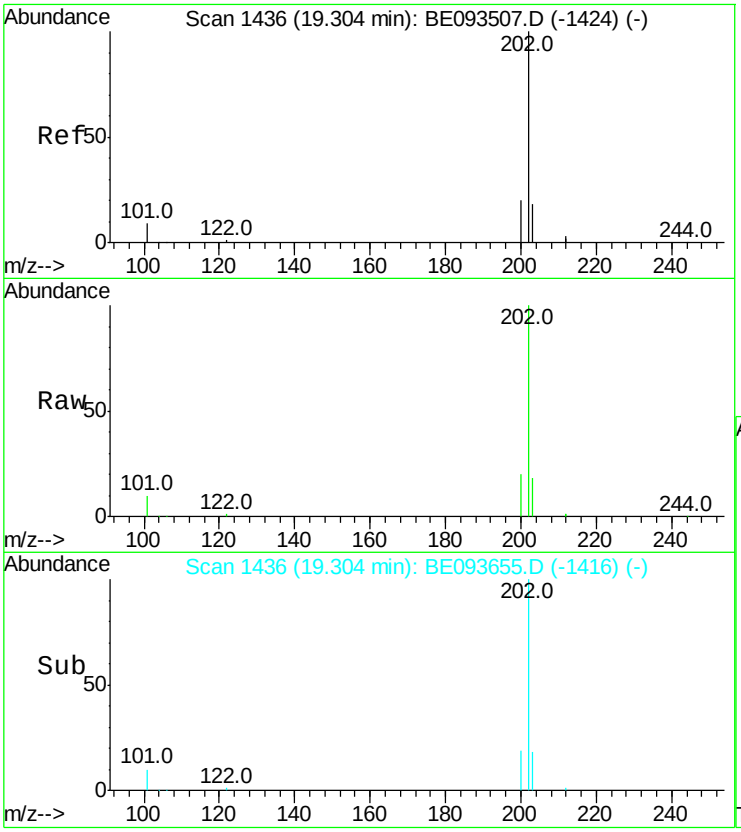


#25
Fluoranthene-d10
Concen: 0.244 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:212 Resp: 62270

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	2.0	1.6	2.4



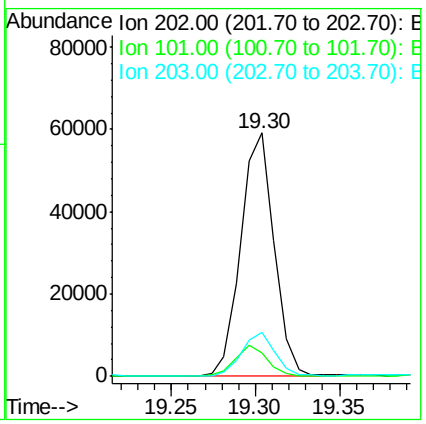


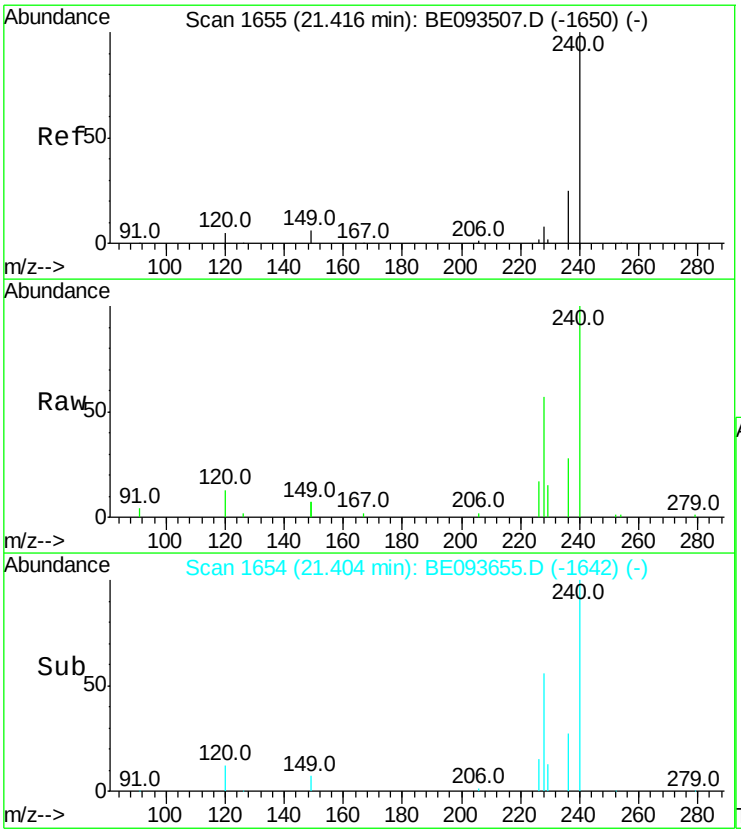
#26
Fluoranthene
Concen: 1.034 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 81266

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.4	14.4	21.6

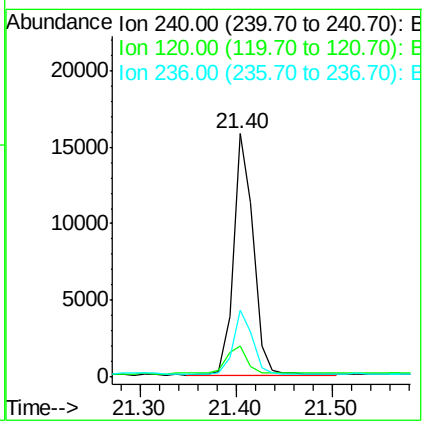


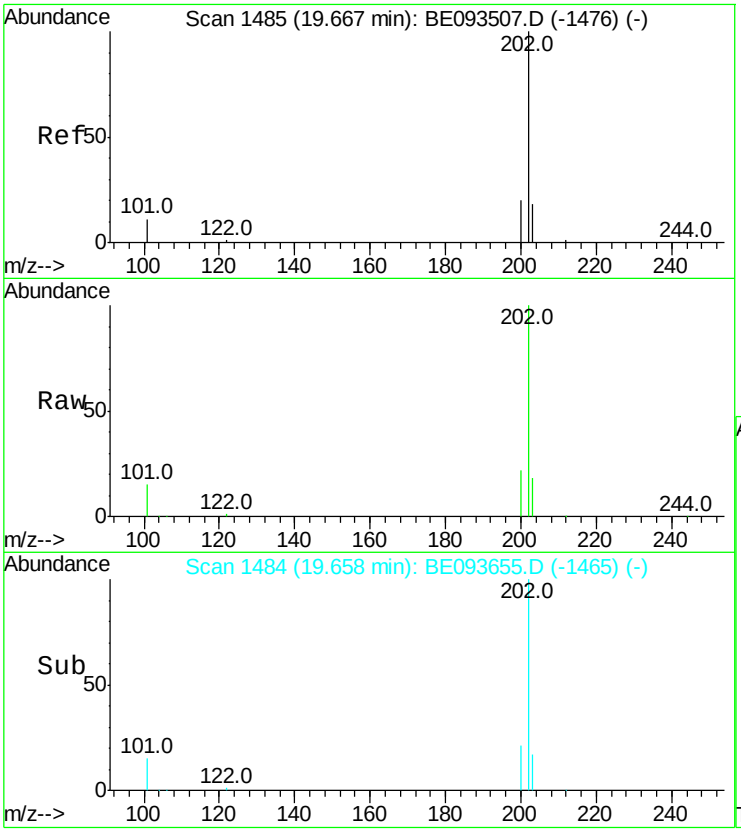


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:240 Resp: 22406

Ion	Ratio	Lower	Upper
240	100		
120	12.8	4.6	7.0#
236	27.6	20.8	31.2



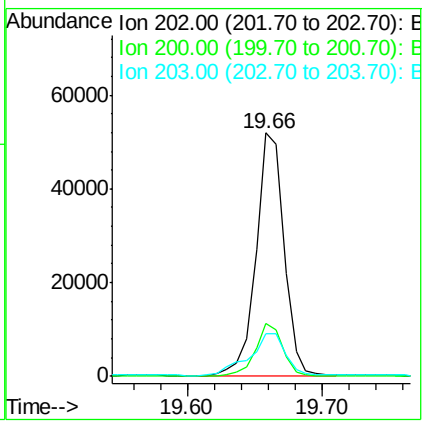


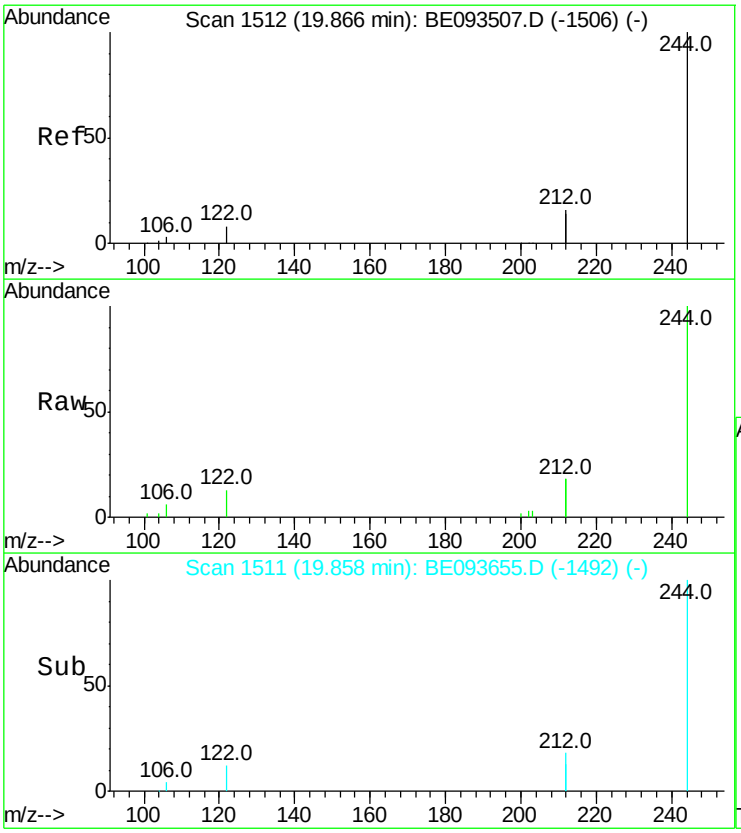
#28
Pyrene
Concen: 1.038 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 75175

Ion	Ratio	Lower	Upper
202	100		
200	20.9	0.0	0.0#
203	22.5	13.7	20.5#

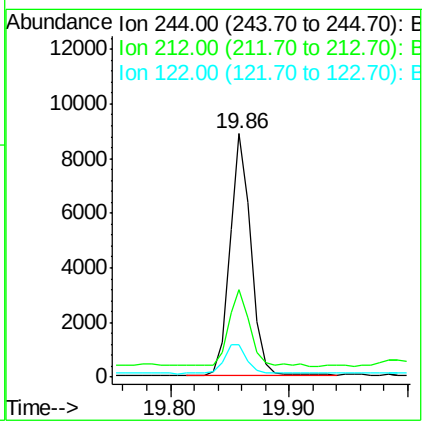


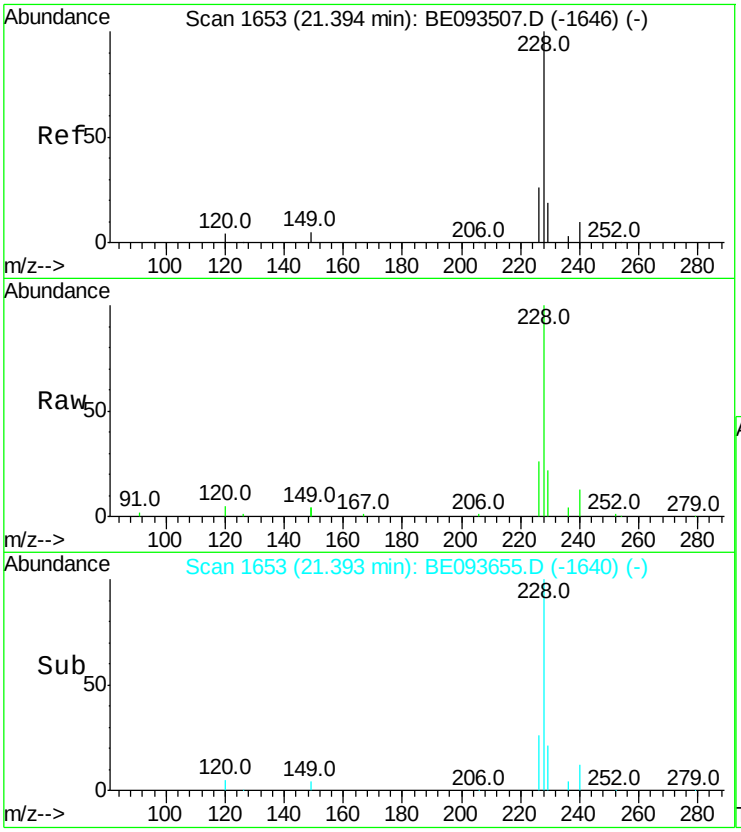


#29
Terphenyl-d14
Concen: 0.269 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:244 Resp: 10832

Ion	Ratio	Lower	Upper
244	100		
212	36.0	10.6	16.0#
122	13.2	15.4	23.0#



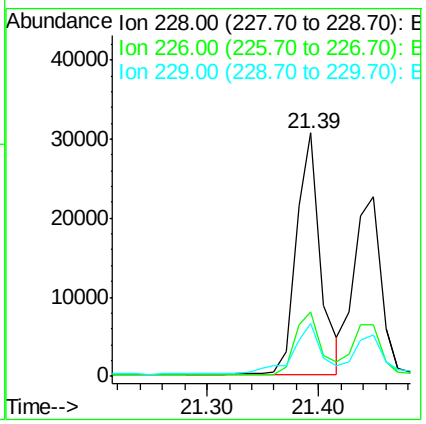


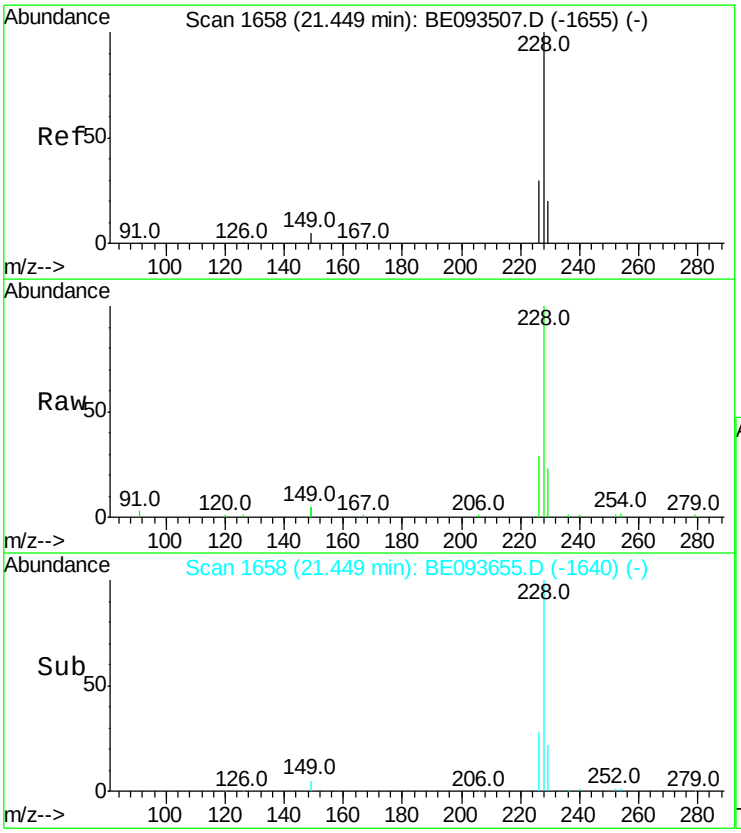
#30
Benzo(a)anthracene
Concen: 0.703 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 46329

Ion	Ratio	Lower	Upper
228	100		
226	26.4	19.7	29.5
229	21.7	19.2	28.8

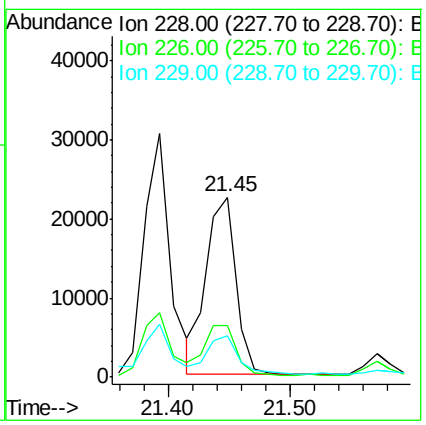


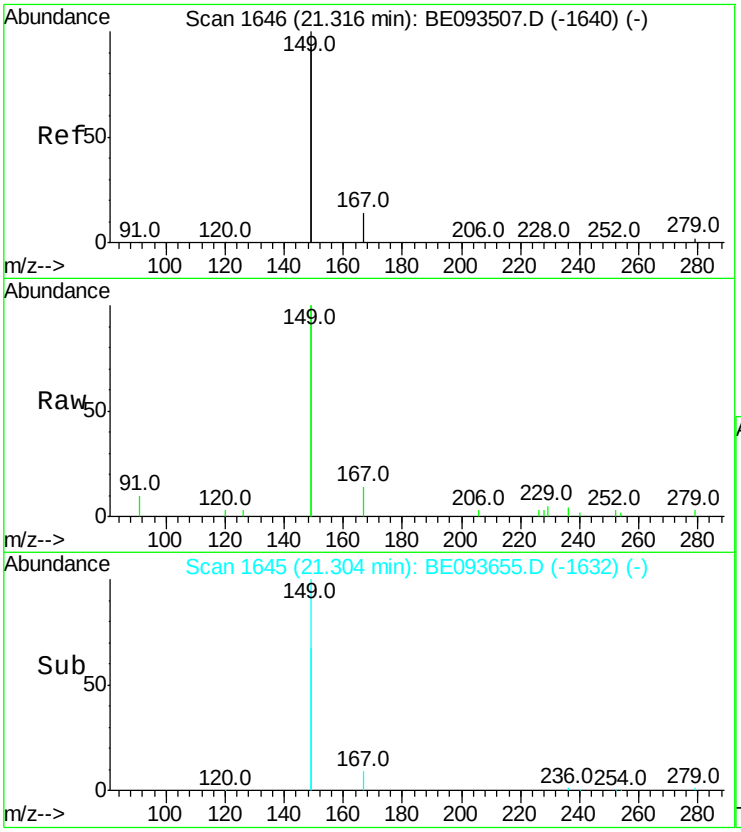


#31
Chrysene
Concen: 0.520 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:228 Resp: 38197

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.5	32.3
229	23.3	18.6	28.0



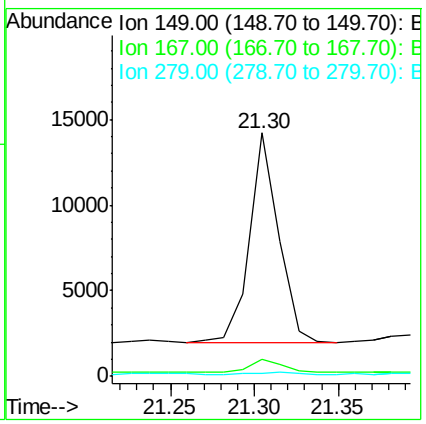


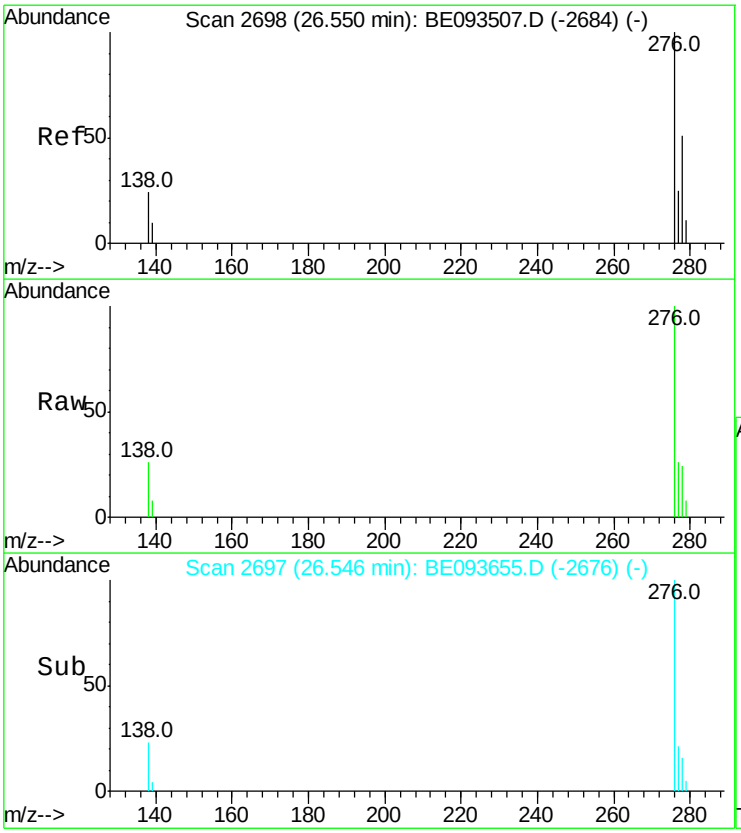
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 14791

Ion	Ratio	Lower	Upper
149	100		
167	6.9	4.8	7.2
279	1.2	0.8	1.2

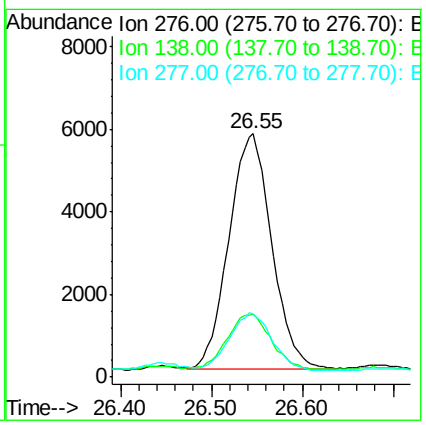


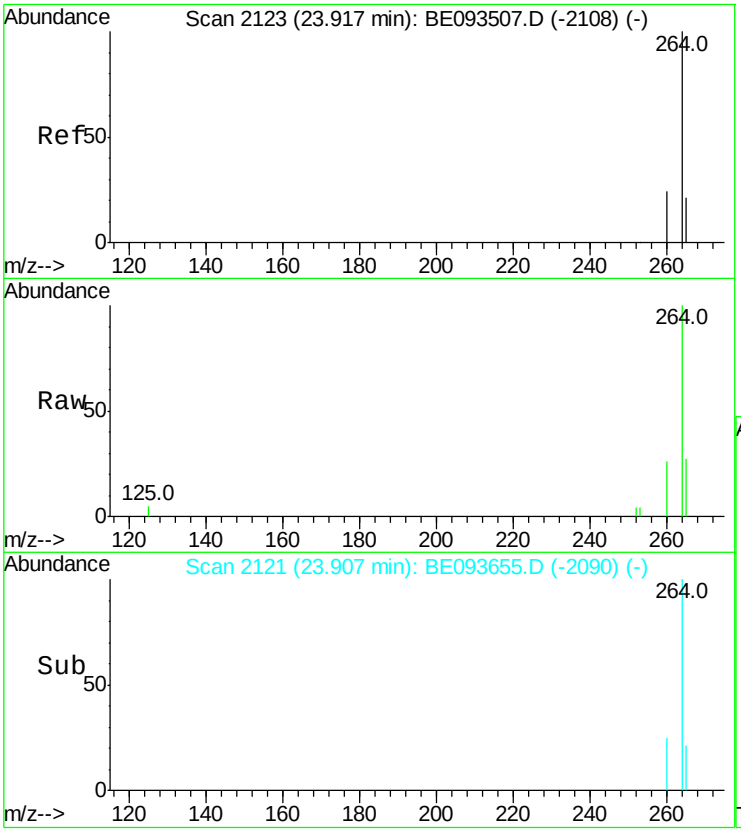


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.277 ng
RT: 26.55 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:276 Resp: 18448

Ion	Ratio	Lower	Upper
276	100		
138	24.2	27.4	41.2#
277	24.9	20.1	30.1



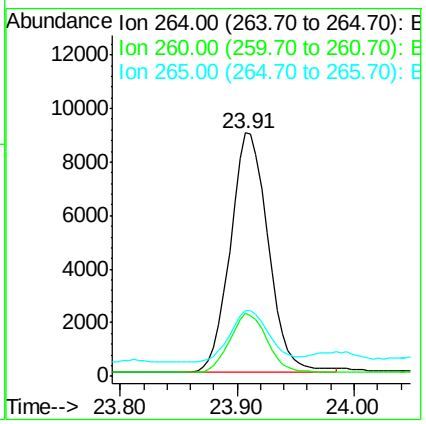


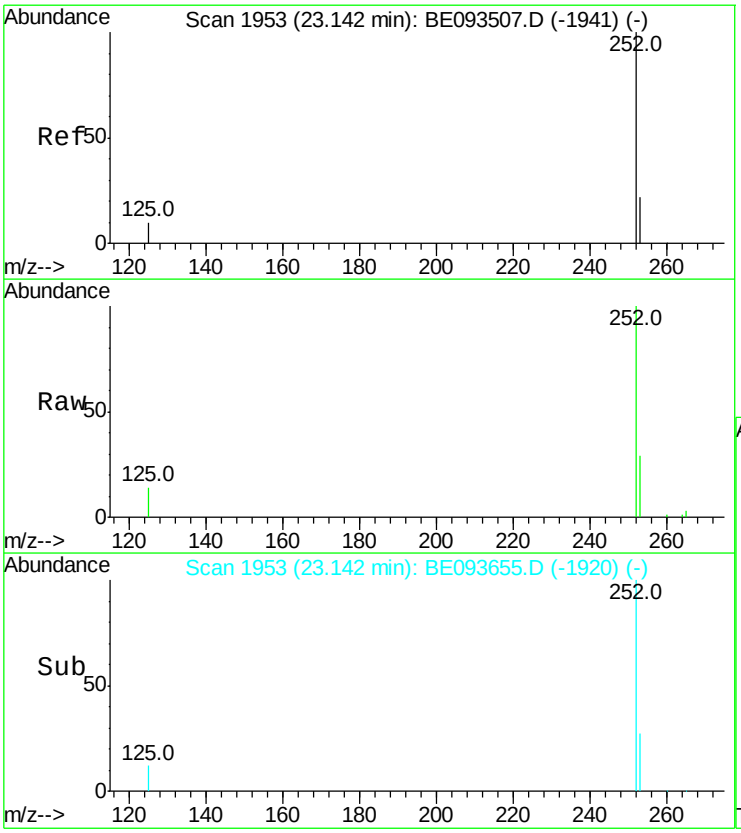
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 20119

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.0	31.4
265	26.8	24.6	36.8

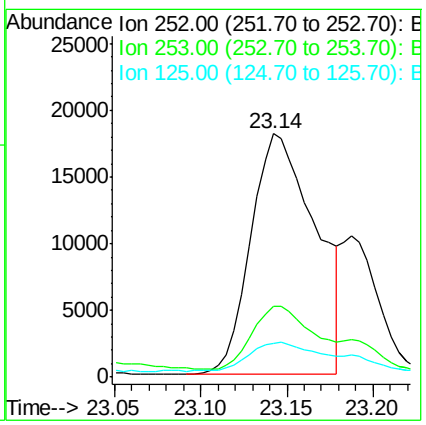


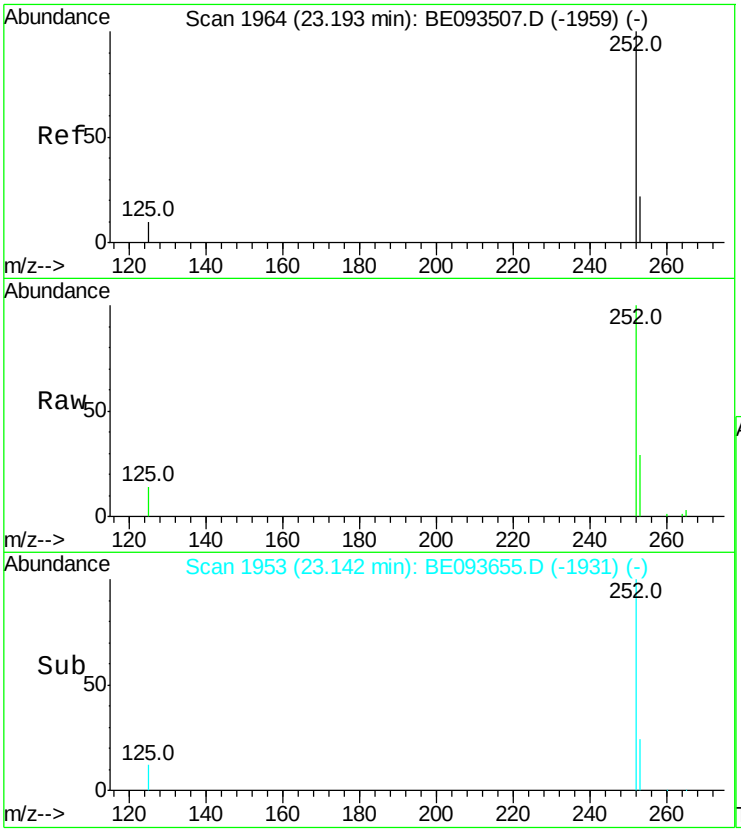


#35
Benzo(b)fluoranthene
Concen: 0.652 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:252 Resp: 46815

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.5	27.7#
125	14.0	13.4	20.0



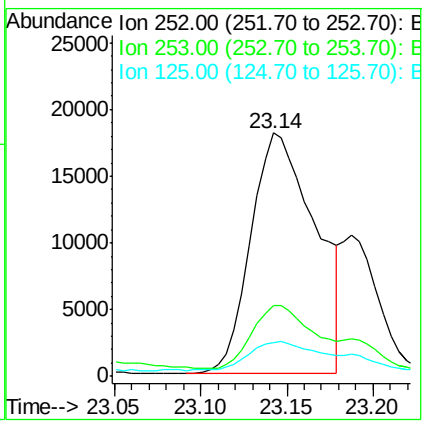


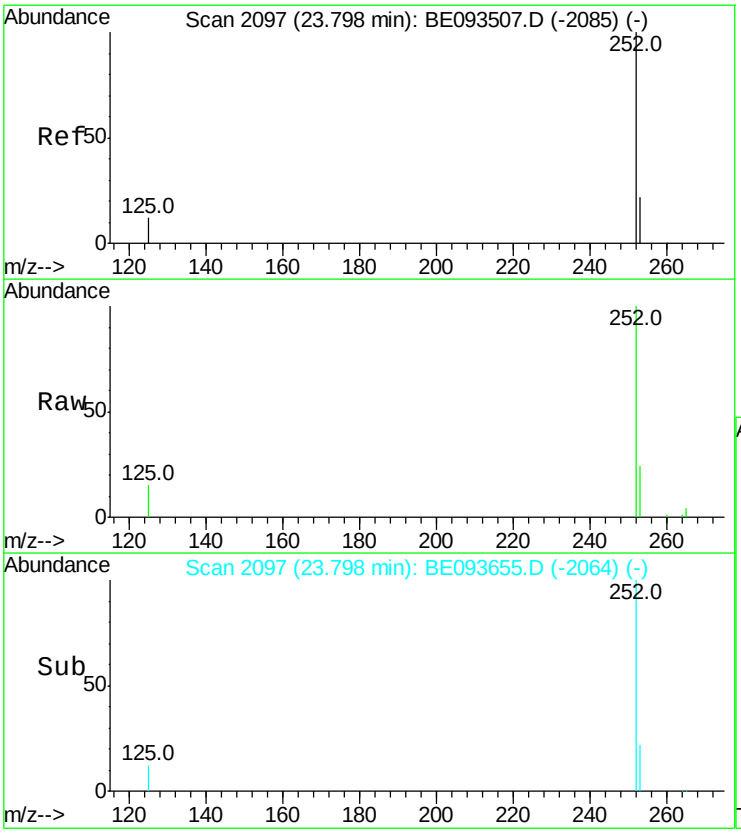
#36
Benzo(k)fluoranthene
Concen: 0.638 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 46815

Ion	Ratio	Lower	Upper
252	100		
253	29.2	20.3	30.5
125	14.0	12.2	18.4

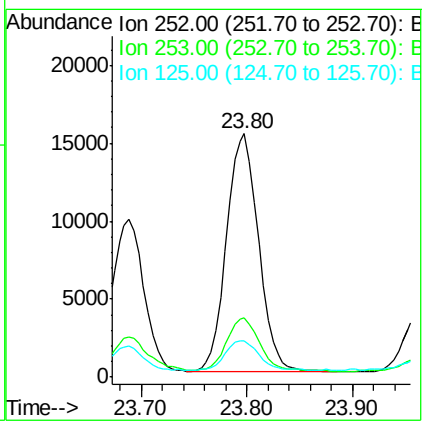


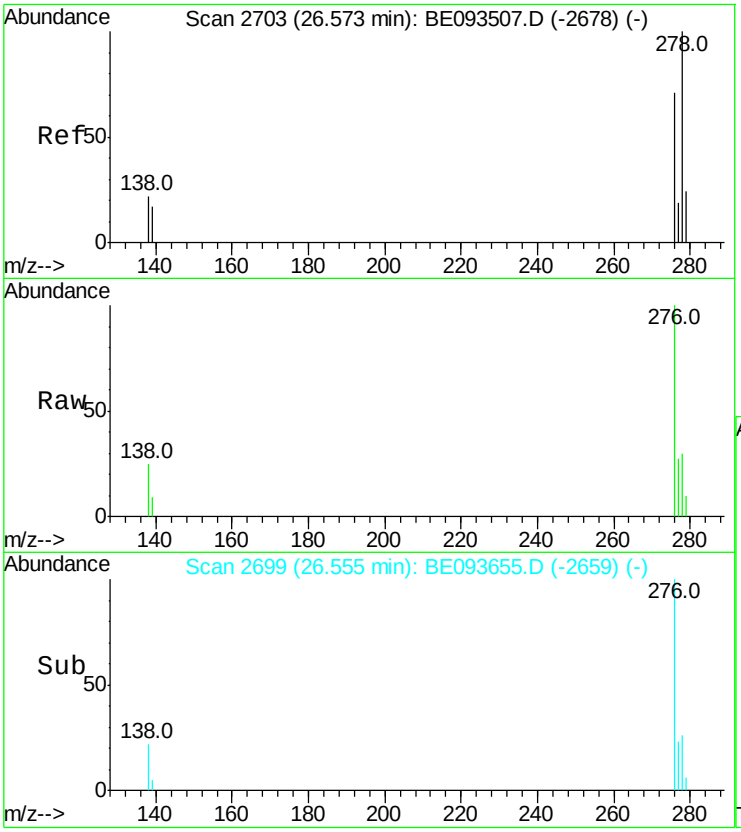


#37
Benzo(a)pyrene
Concen: 0.495 ng
RT: 23.80 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:252 Resp: 32191

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.9	29.9
125	15.0	14.6	21.8



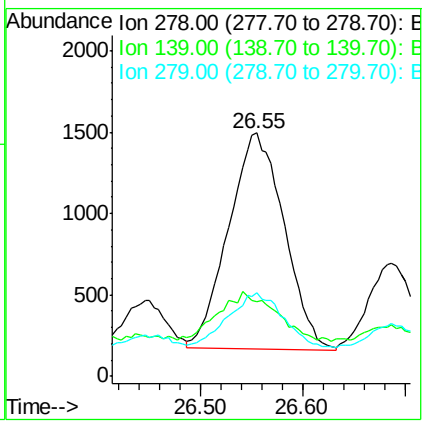


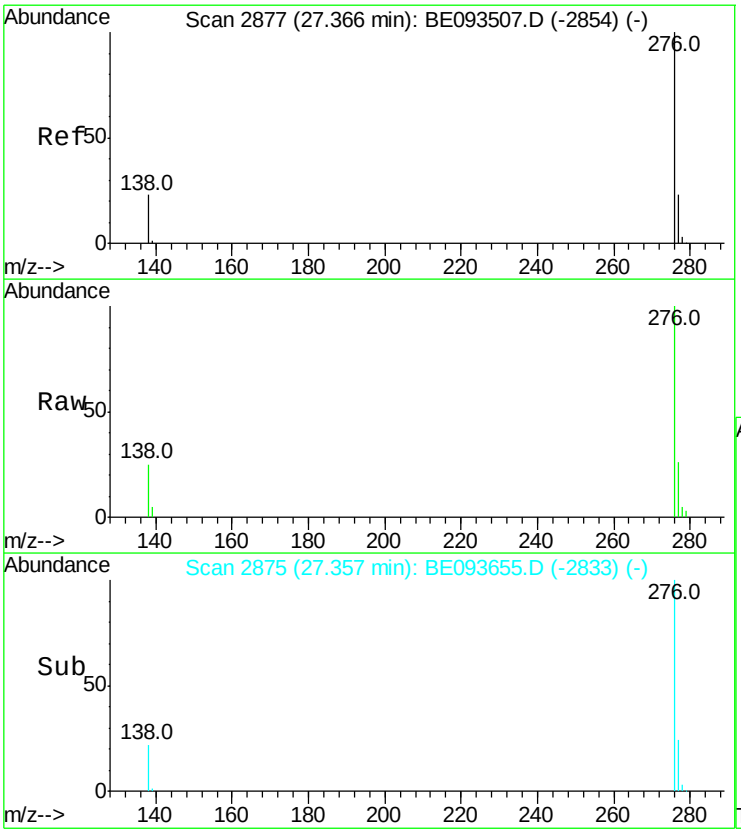
#38
Dibenzo(a,h)anthracene
Concen: 0.080 ng
RT: 26.55 min Scan# 2699
Delta R.T. -0.02 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 4994

Ion	Ratio	Lower	Upper
278	100		
139	30.5	21.4	32.0
279	34.4	22.2	33.2#





#39
Benzo(g,h,i)perylene
Concen: 0.275 ng
RT: 27.36 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE093655.D
Acq: 3 Aug 2017 13:19

Tgt Ion:276 Resp: 17524

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.2	31.8
138	25.4	24.5	36.7