Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095852.D
Acq On : 26 Mar 2018 23:24
Operator : SJ/JU
Sample : J1994-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 27 05:43:52 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1127	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	4288	0.40	ng		0.00
13) Acenaphthene-d10	14.99	164	2449	0.40	ng		-0.01
19) Phenanthrene-d10	17.69	188	6026	0.40	ng		-0.01
27) Chrysene-d12	21.79	240	7034	0.40	ng		-0.01
34) Perylene-d12	24.42	264	6824	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.91	112	658	0.18	ng		0.00
5) Phenol-d6	7.56	99	565	0.11	ng		0.00
8) Nitrobenzene-d5	9.59	82	2598	0.51	ng		0.00
11) 2-Methylnaphthalene-d10	12.79	152	2972	0.42	ng		0.00
14) 2,4,6-Tribromophenol	16.46	330	647	0.46	ng		-0.01
15) 2-Fluorobiphenyl	13.63	172	6455	0.63	ng		-0.01
25) Fluoranthene-d10	19.68	212	37422	0.42	ng		0.00
29) Terphenyl-d14	20.24	244	10085	0.68	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.72	93	144	0.033	ng	#	1
22) Pentachlorophenol	17.36	266	41	0.161	ng		92
23) Phenanthrene	17.74	178	551	0.031	ng		98
26) Fluoranthene	19.71	202	1146	0.046	ng		94
28) Pyrene	20.06	202	1142	0.040	ng	#	93
31) Chrysene	21.83	228	830	0.037	ng	#	68
32) Bis(2-ethylhexyl)phthalate	21.64	149	4698	0.063	ng	#	100
33) Indeno(1,2,3-cd)pyrene	27.22	276	534	0.022	ng	#	67
35) Benzo(b)fluoranthene	23.60	252	962	0.043	ng	#	44
36) Benzo(k)fluoranthene	23.60	252	962	0.043	ng	#	20
37) Benzo(a)pyrene	24.30	252	469	0.022	ng	#	1
39) Benzo(g,h,i)perylene	28.10	276	516	0.026	ng	#	32

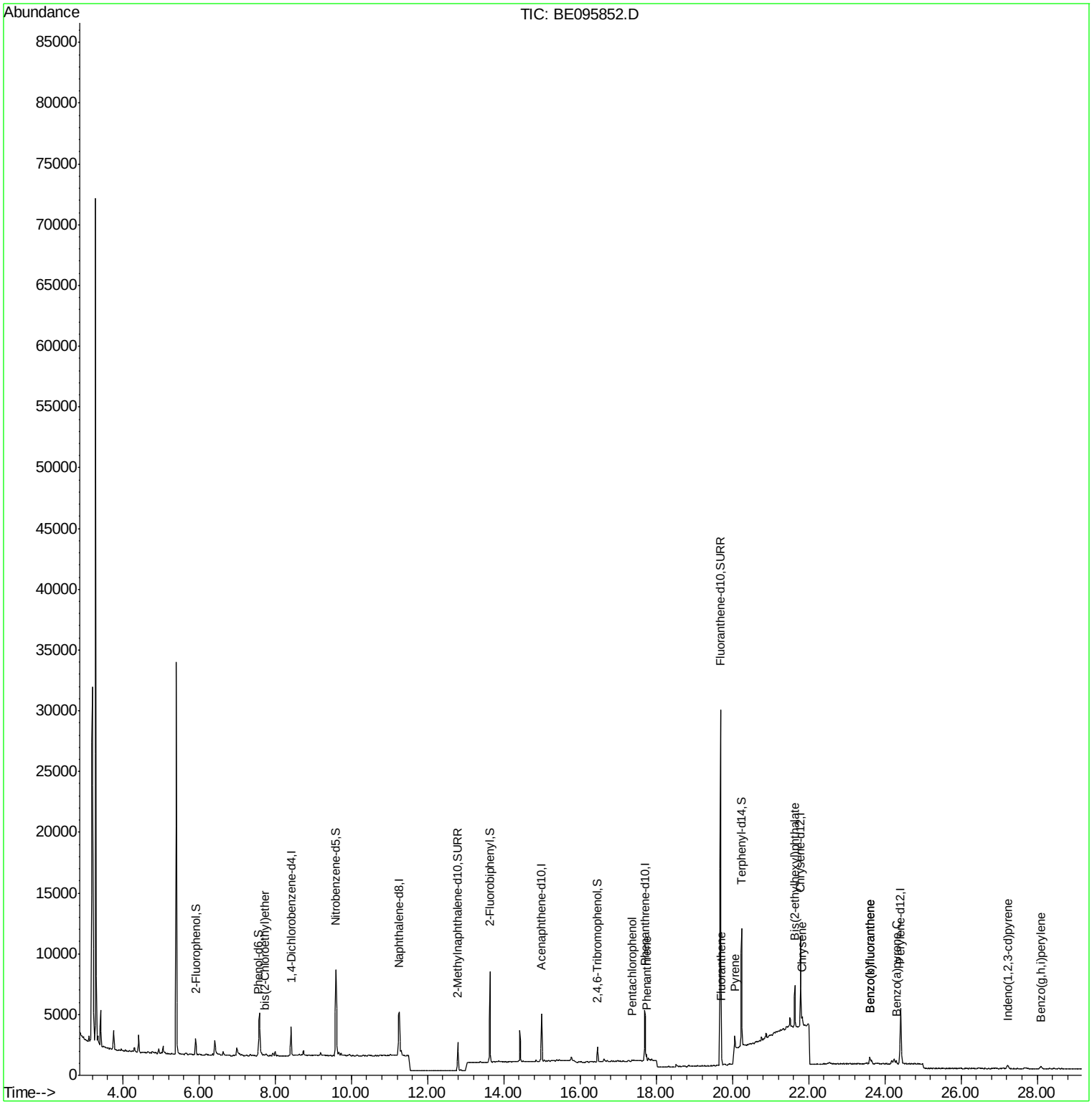
(#) = qualifier out of range (m) = manual integration (+) = signals summed

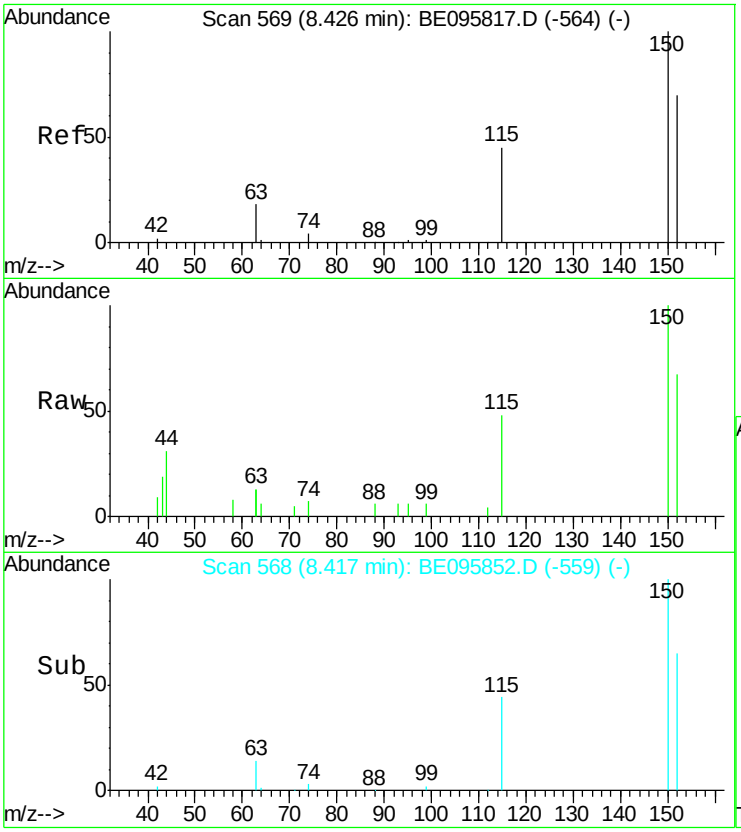
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095852.D
Acq On : 26 Mar 2018 23:24
Operator : SJ/JU
Sample : J1994-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 27 05:43:52 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration



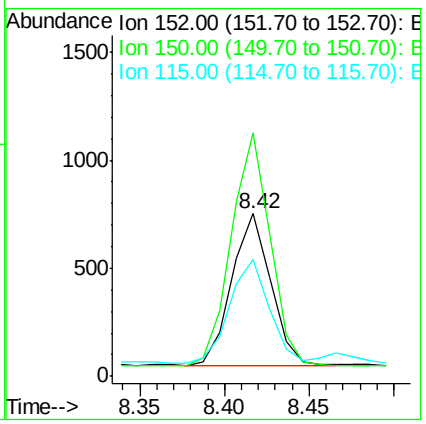


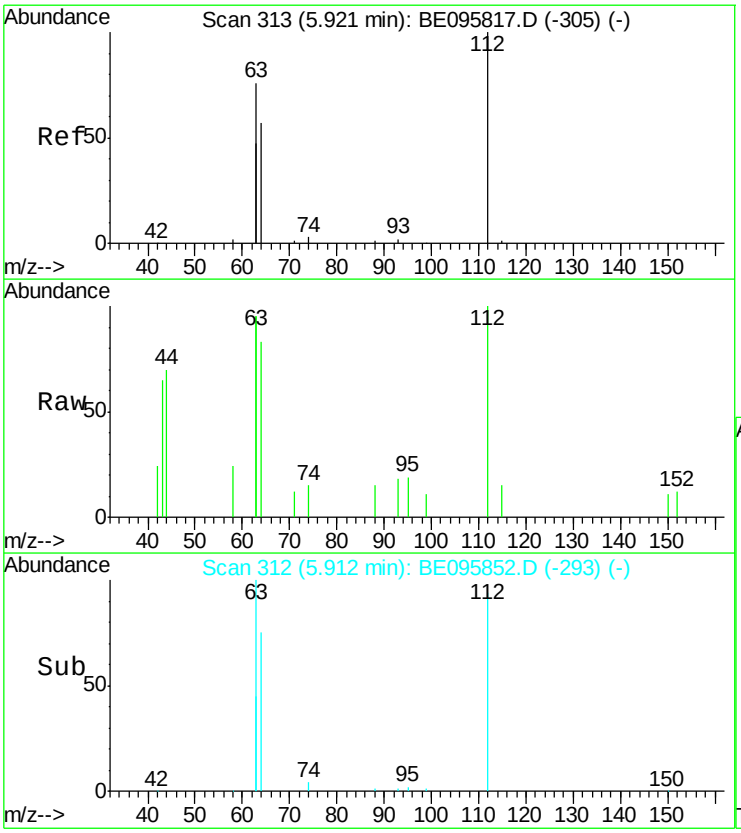
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1127

Ion	Ratio	Lower	Upper
152	100		
150	149.7	117.2	175.8
115	72.1	57.0	85.6

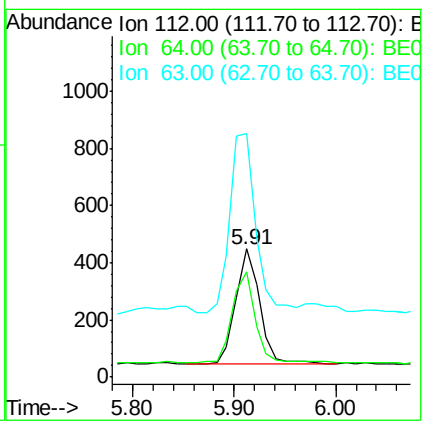


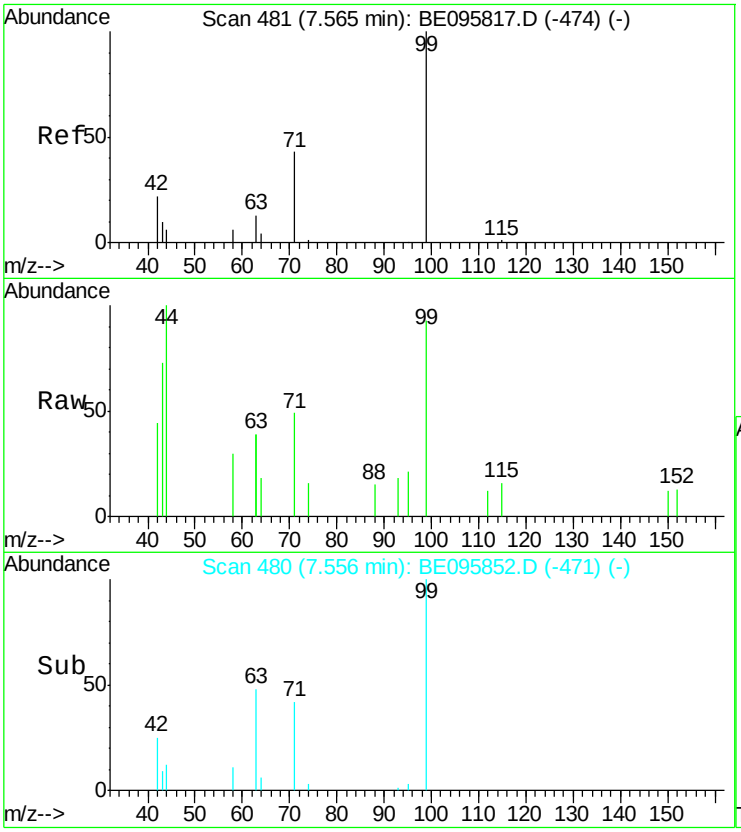


#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:112 Resp: 658

Ion	Ratio	Lower	Upper
112	100		
64	76.4	60.1	90.1
63	169.0	116.8	175.2



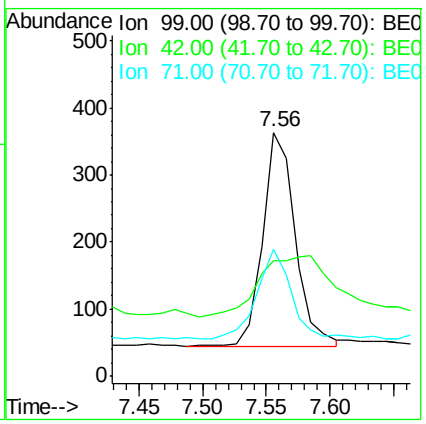


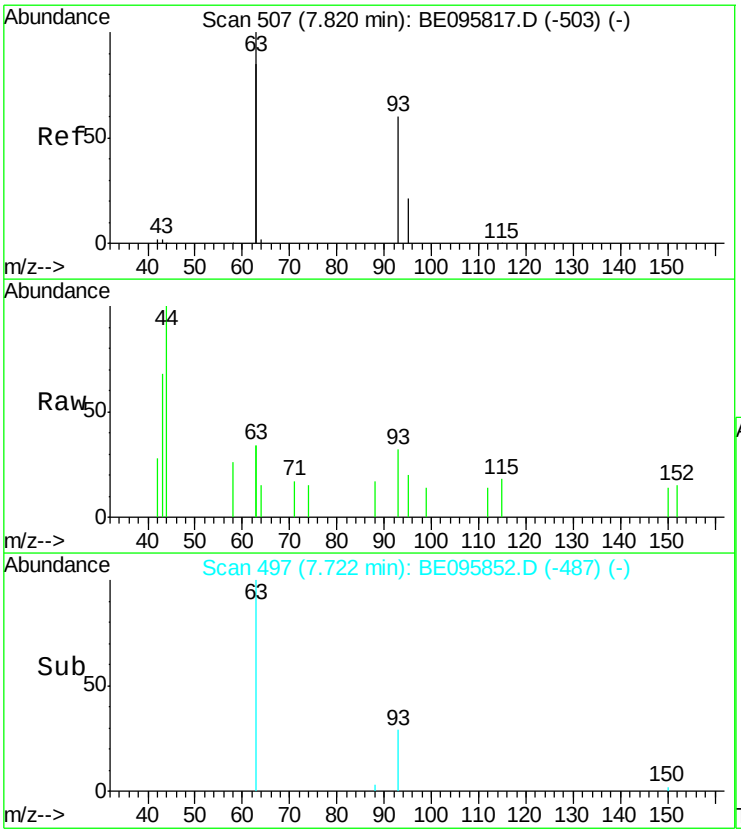
#5
Phenol-d6
Concen: 0.111 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 565

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	45.7	28.4	42.6#

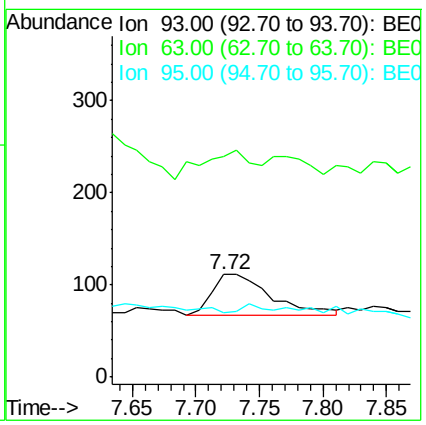


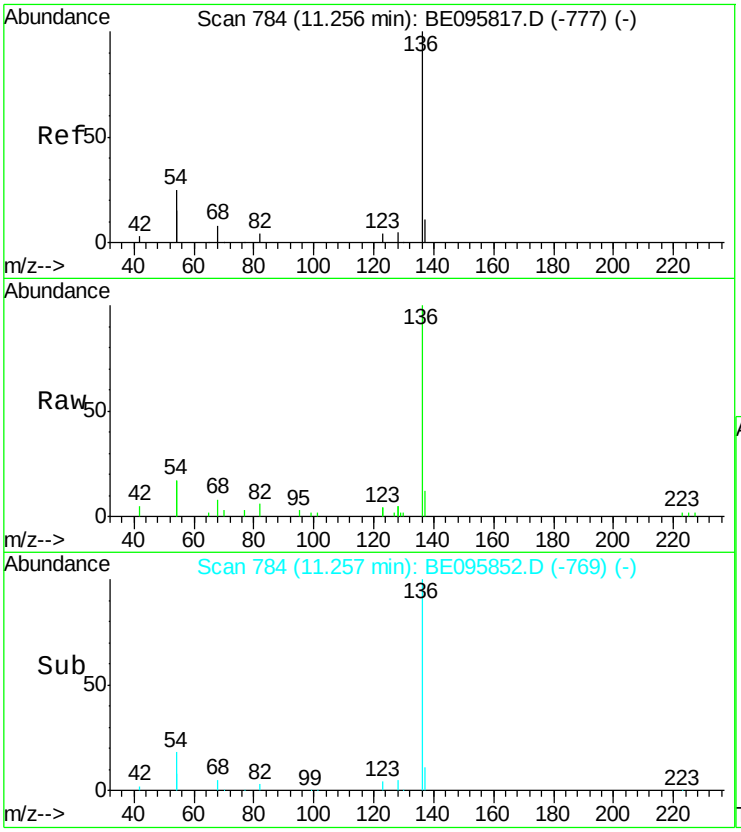


#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 7.72 min Scan# 497
Delta R.T. -0.10 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion: 93 Resp: 144

Ion	Ratio	Lower	Upper
93	100		
63	61.1	275.3	412.9#
95	6.3	25.2	37.8#



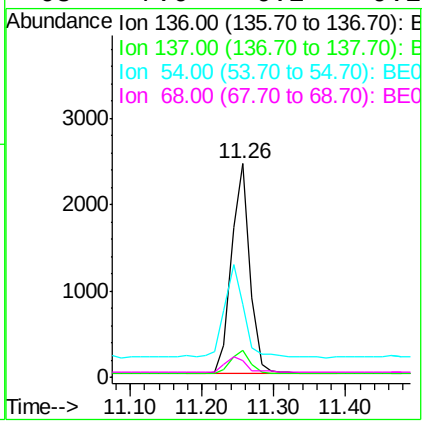


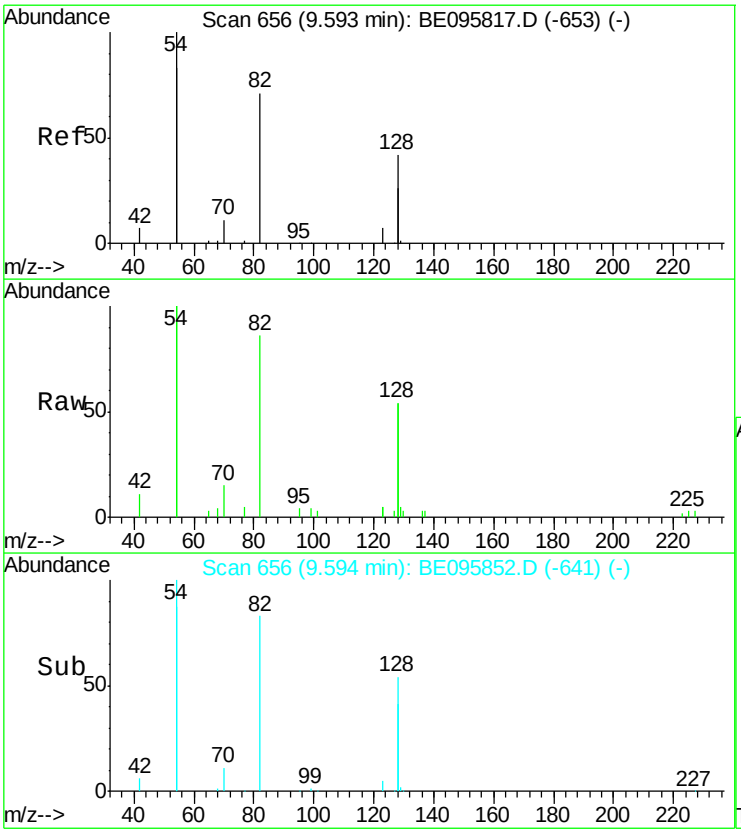
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. 0.00 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4288

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	34.4	29.1	43.7
68	7.6	6.2	9.2

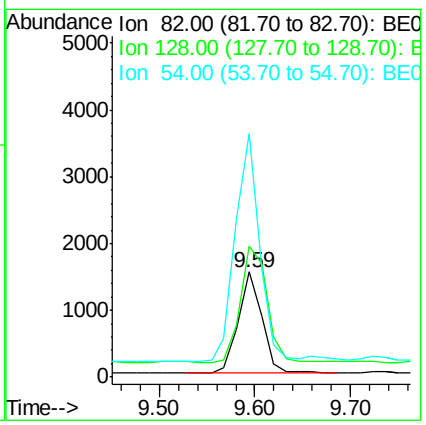


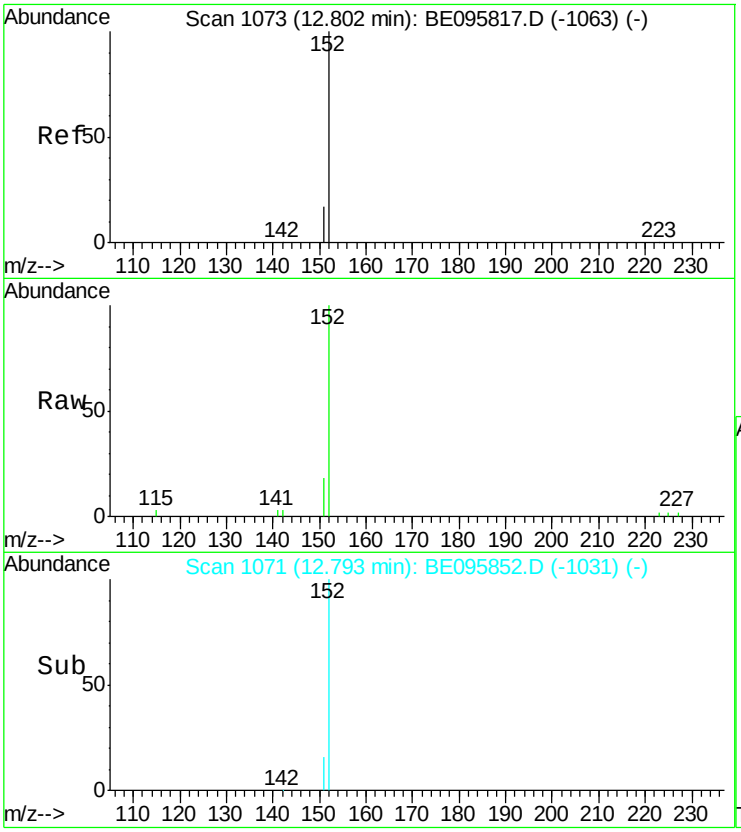


#8
Nitrobenzene-d5
Concen: 0.513 ng
RT: 9.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion: 82 Resp: 2598

Ion	Ratio	Lower	Upper
82	100		
128	125.4	150.0	225.0#
54	232.2	154.2	231.4#



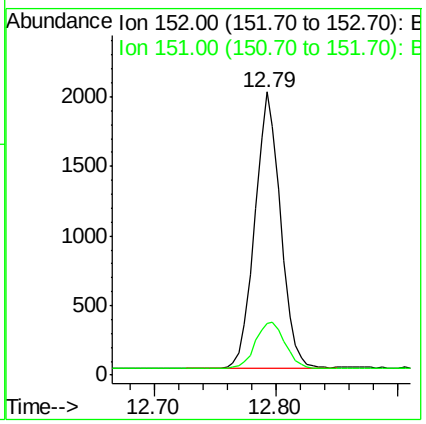


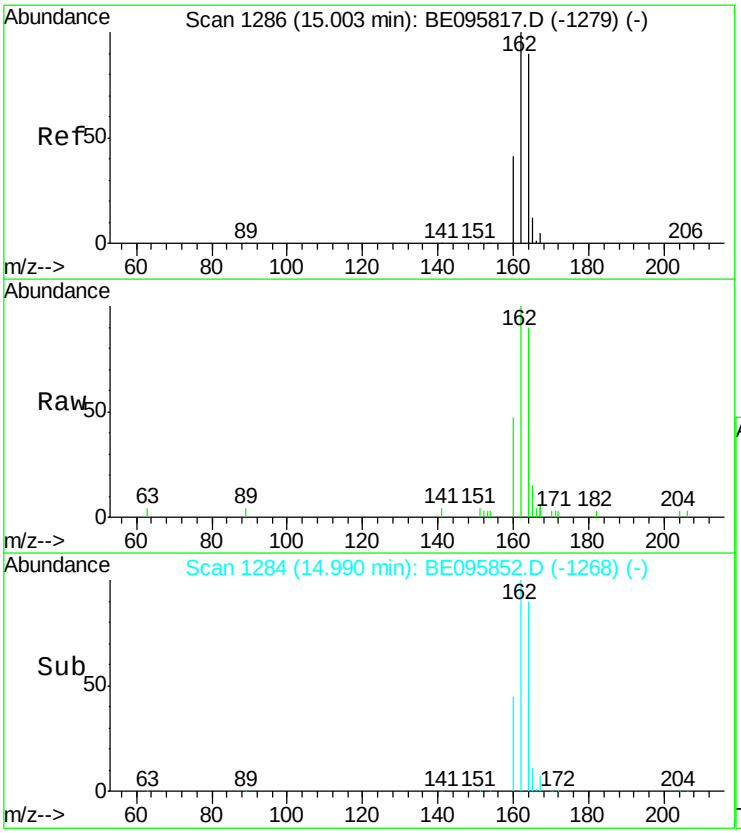
#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2972

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

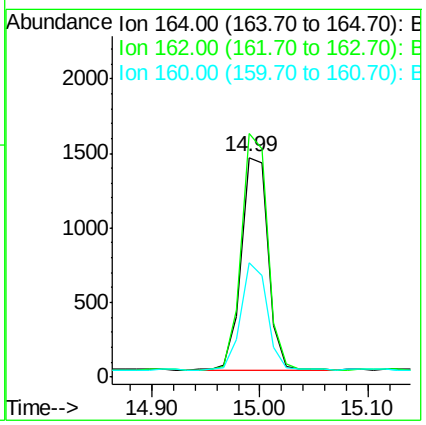


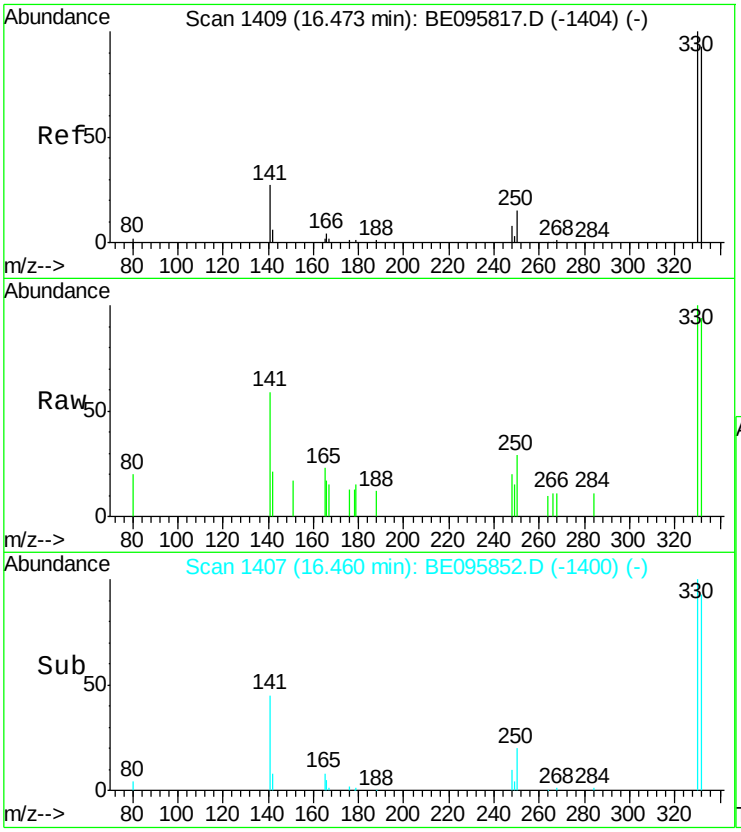


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:164 Resp: 2449

Ion	Ratio	Lower	Upper
164	100		
162	110.9	83.1	124.7
160	51.9	37.1	55.7



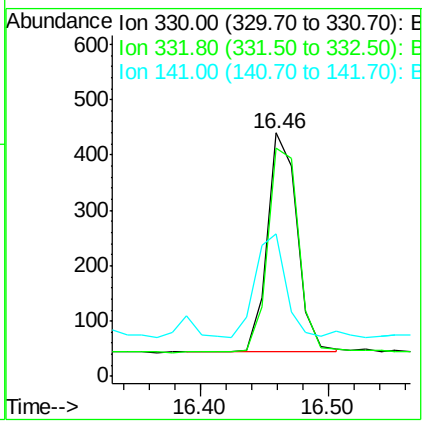


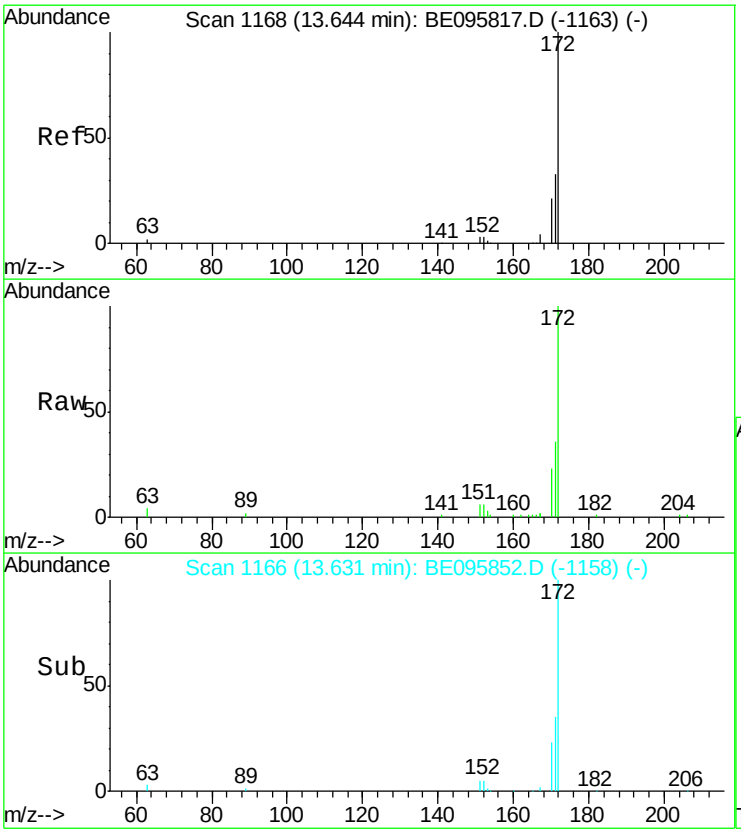
#14
2,4,6-Tribromophenol
Concen: 0.458 ng
RT: 16.46 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 647

Ion	Ratio	Lower	Upper
330	100		
332	98.1	152.7	229.1#
141	48.1	33.7	50.5

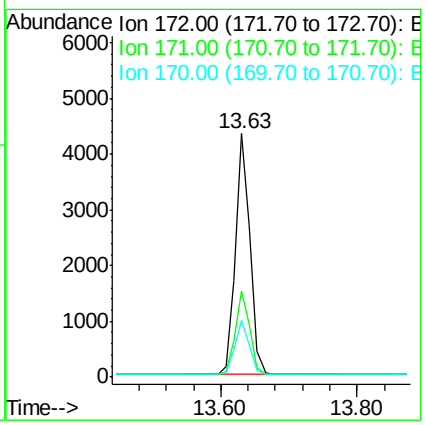


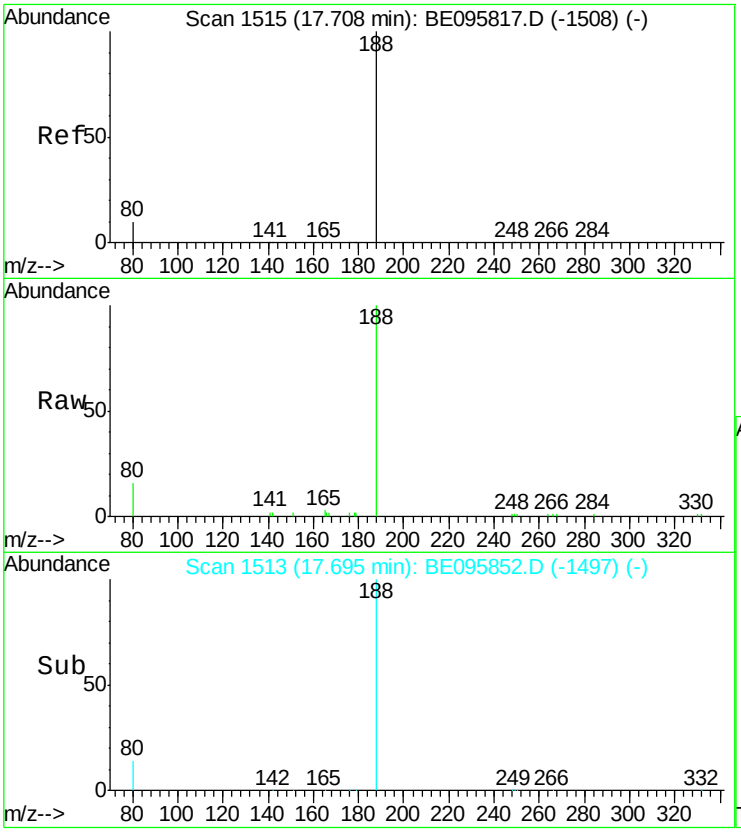


#15
2-Fluorobiphenyl
Concen: 0.625 ng
RT: 13.63 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:172 Resp: 6455

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	23.4	21.8	32.8



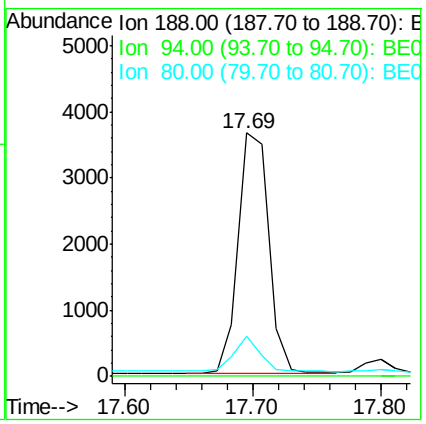


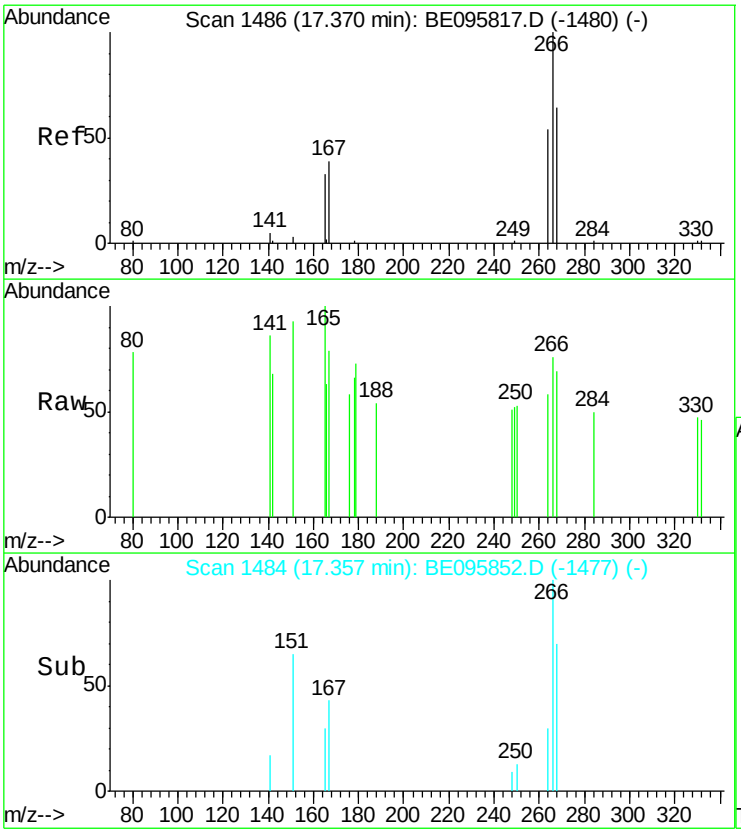
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.69 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6026

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.4	3.6	5.4#

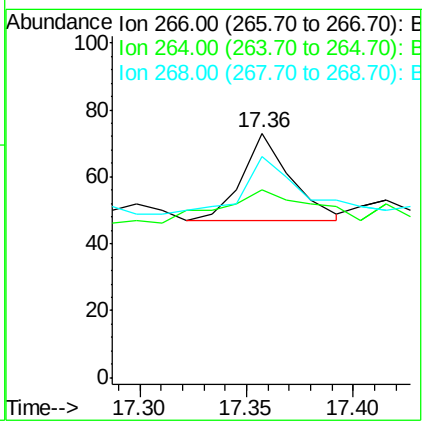


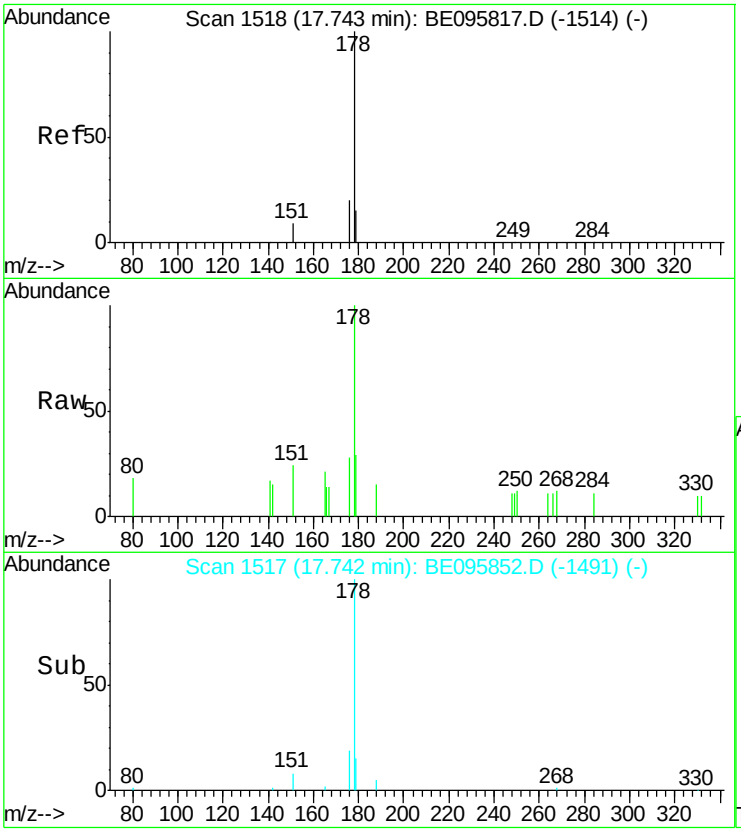


#22
Pentachlorophenol
Concen: 0.161 ng
RT: 17.36 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:266 Resp: 41

Ion	Ratio	Lower	Upper
266	100		
264	76.7	72.5	108.7
268	90.4	73.8	110.6



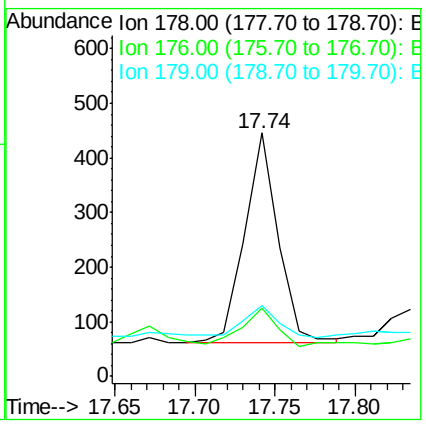


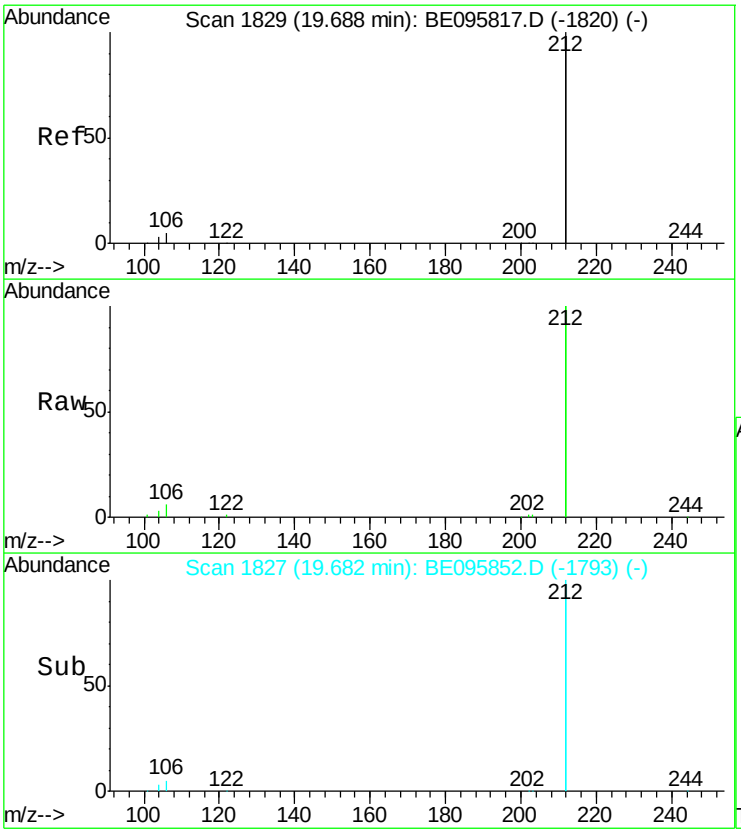
#23
Phenanthrene
Concen: 0.031 ng
RT: 17.74 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 551

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.1	22.7
179	14.9	11.8	17.6

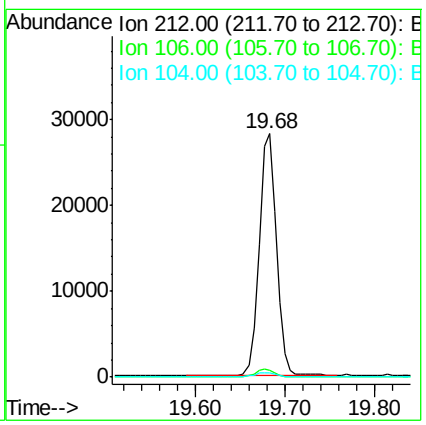


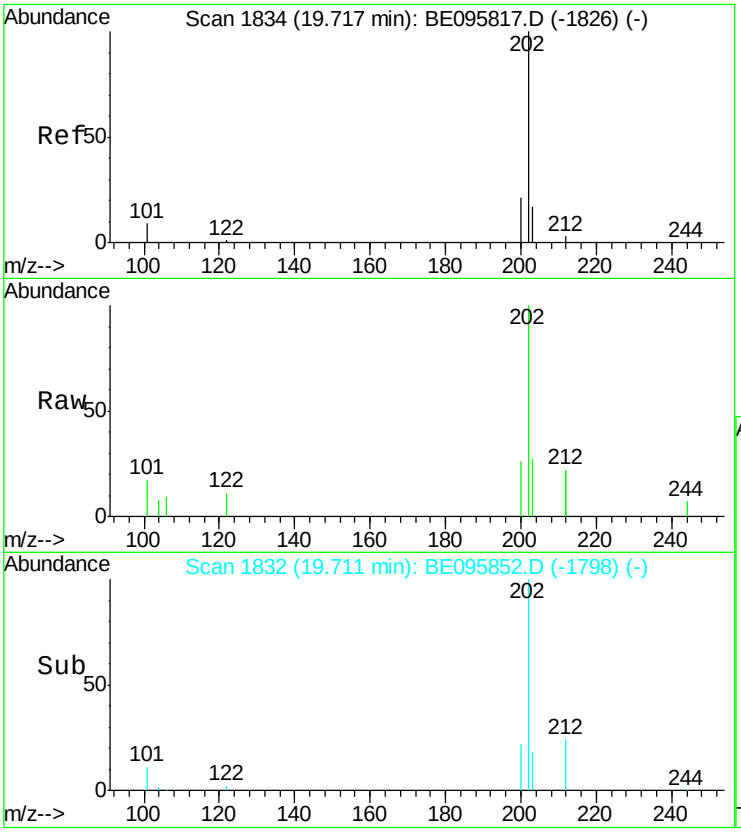


#25
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.68 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:212 Resp: 37422

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4



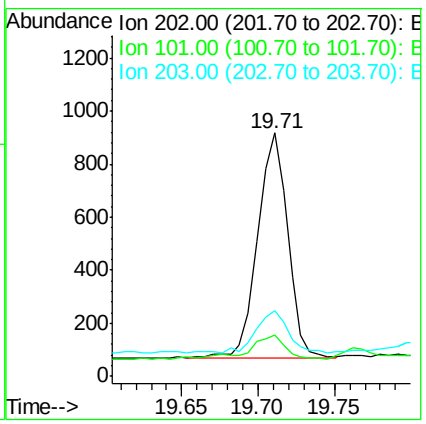


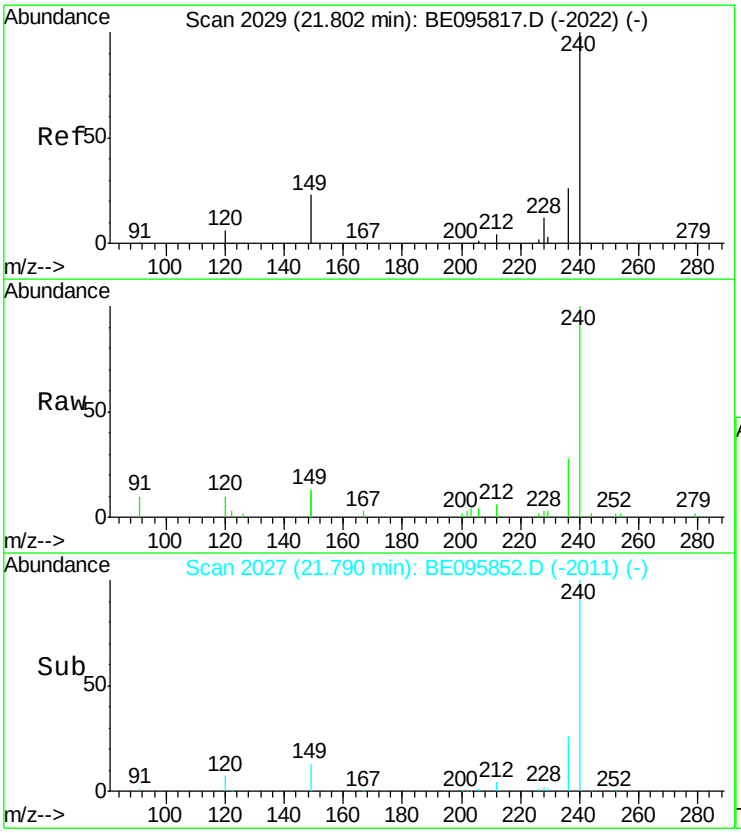
#26
Fluoranthene
Concen: 0.046 ng
RT: 19.71 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1146

Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.8	14.8
203	20.2	13.7	20.5

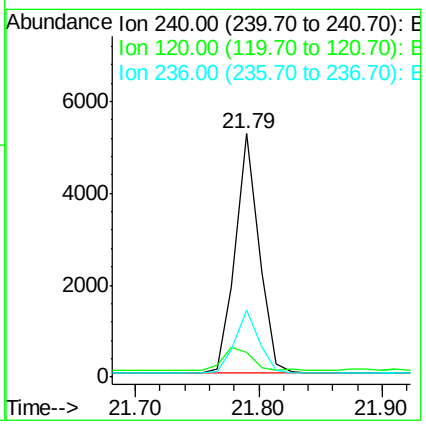


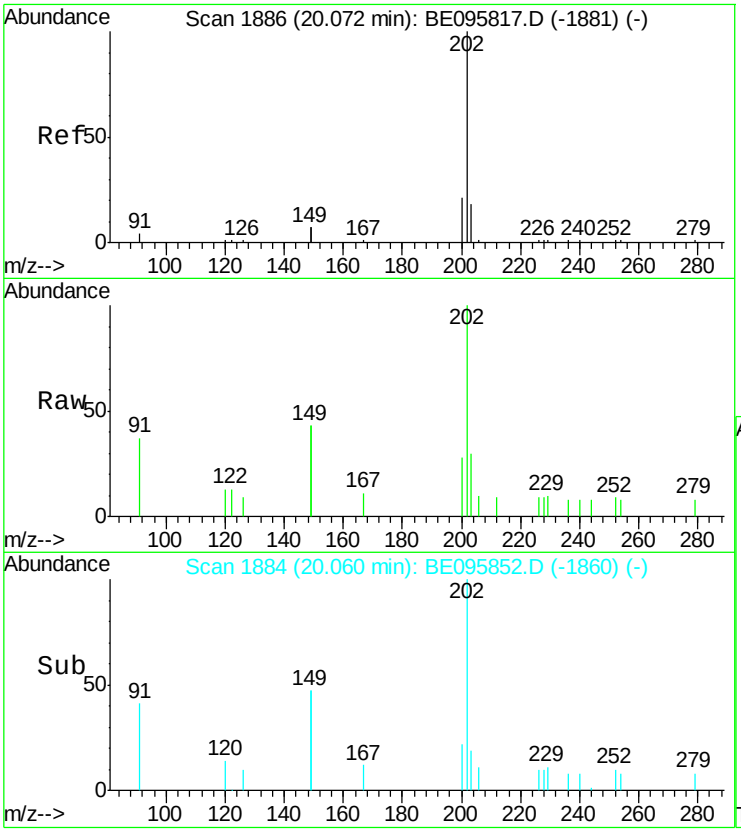


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:240 Resp: 7034

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.5	8.3#
236	27.7	20.7	31.1



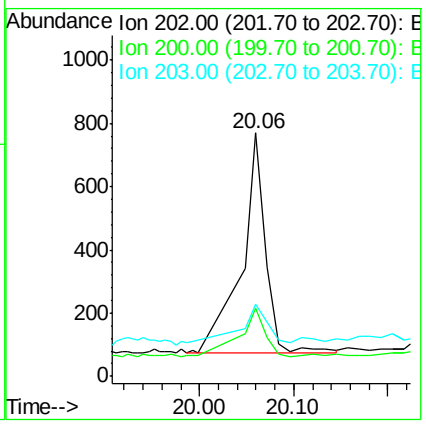


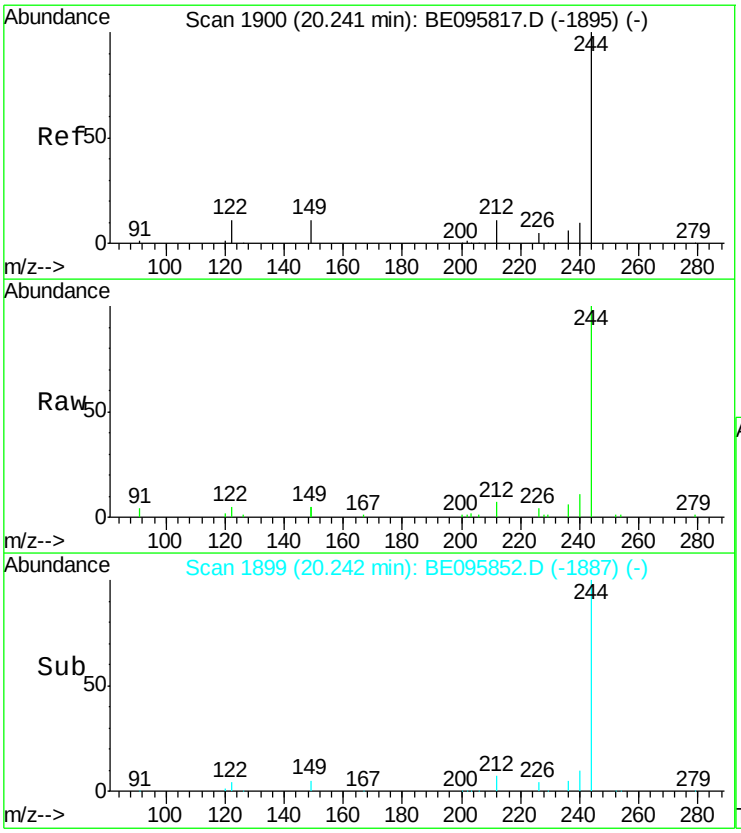
#28
Pyrene
Concen: 0.040 ng
RT: 20.06 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1142

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.6	25.0
203	22.1	13.8	20.8#

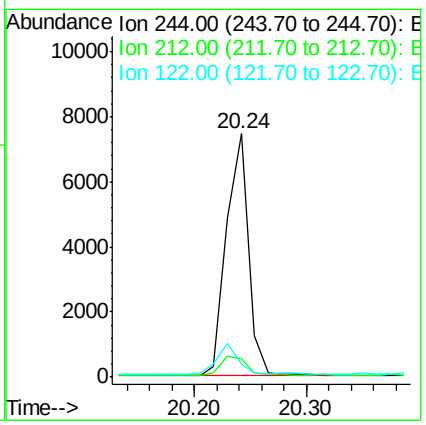


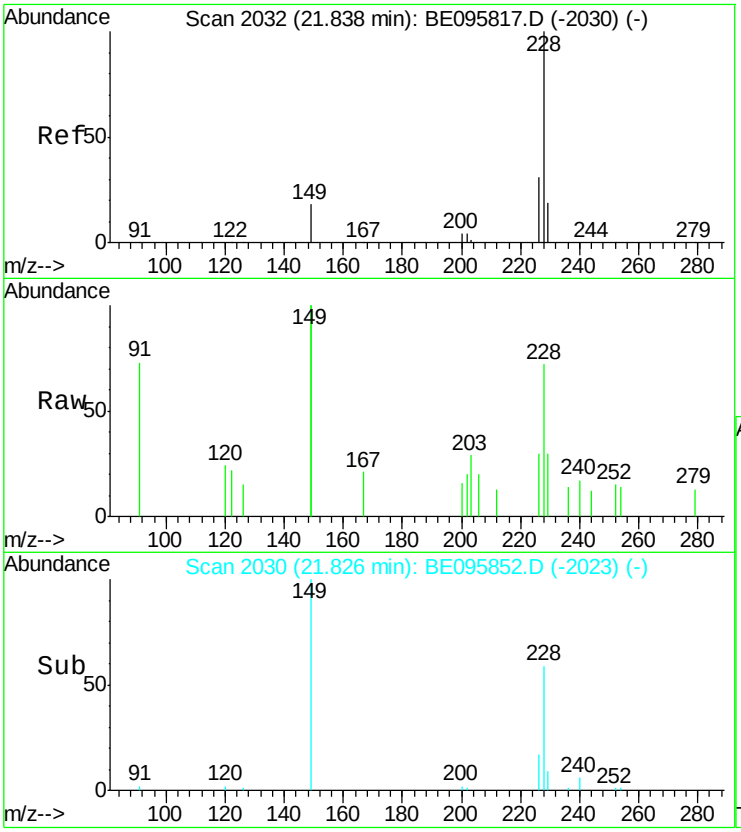


#29
Terphenyl-d14
Concen: 0.675 ng
RT: 20.24 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:244 Resp: 10085

Ion	Ratio	Lower	Upper
244	100		
212	7.3	25.4	38.0#
122	5.2	8.1	12.1#



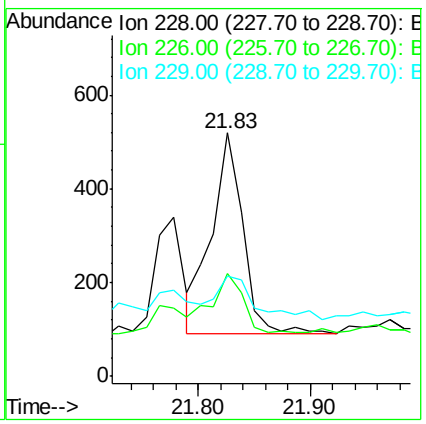


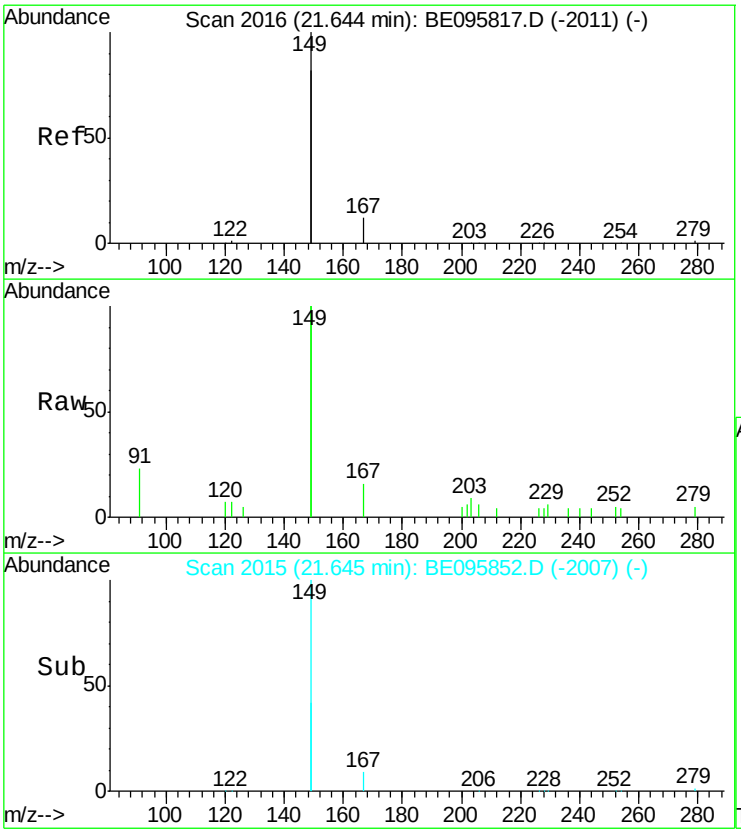
#31
Chrysene
Concen: 0.037 ng
RT: 21.83 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 830

Ion	Ratio	Lower	Upper
228	100		
226	42.2	24.0	36.0#
229	41.2	16.0	24.0#

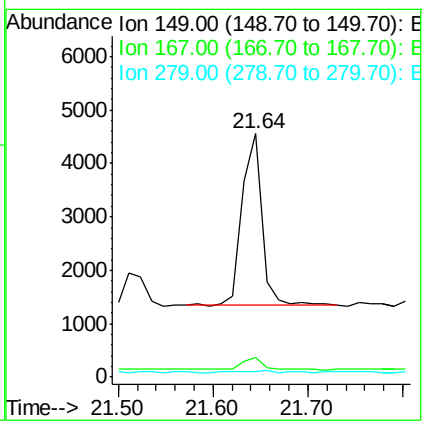


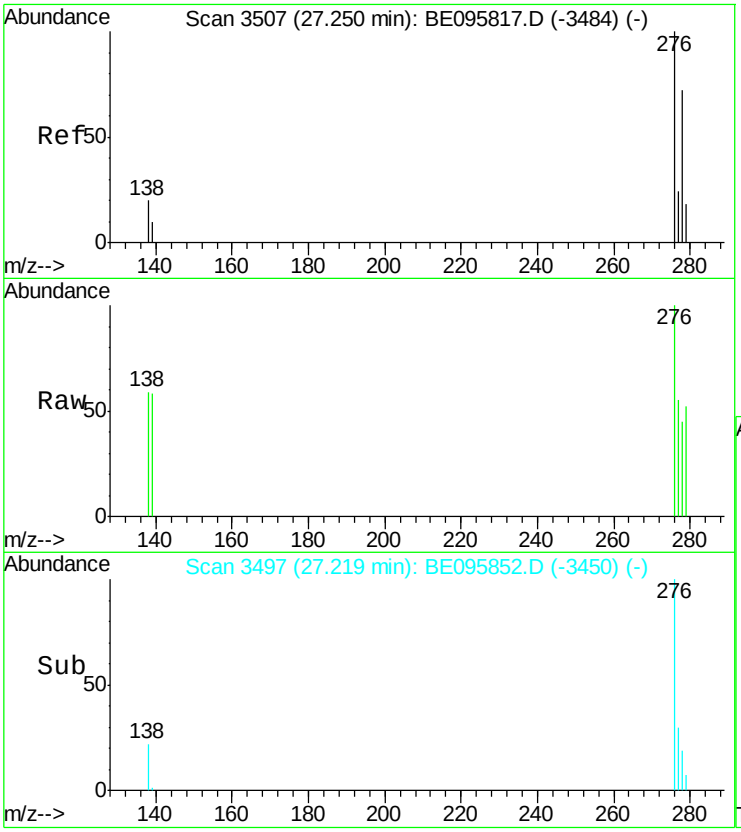


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng
RT: 21.64 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:149 Resp: 4698

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	0.7	1.1#



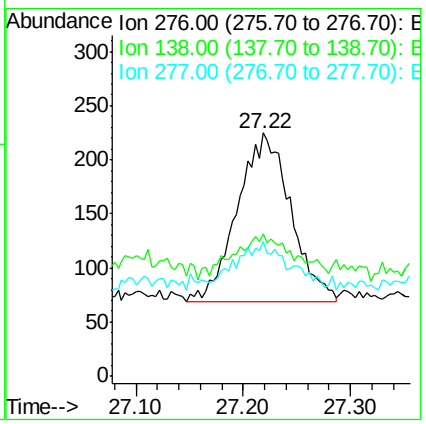


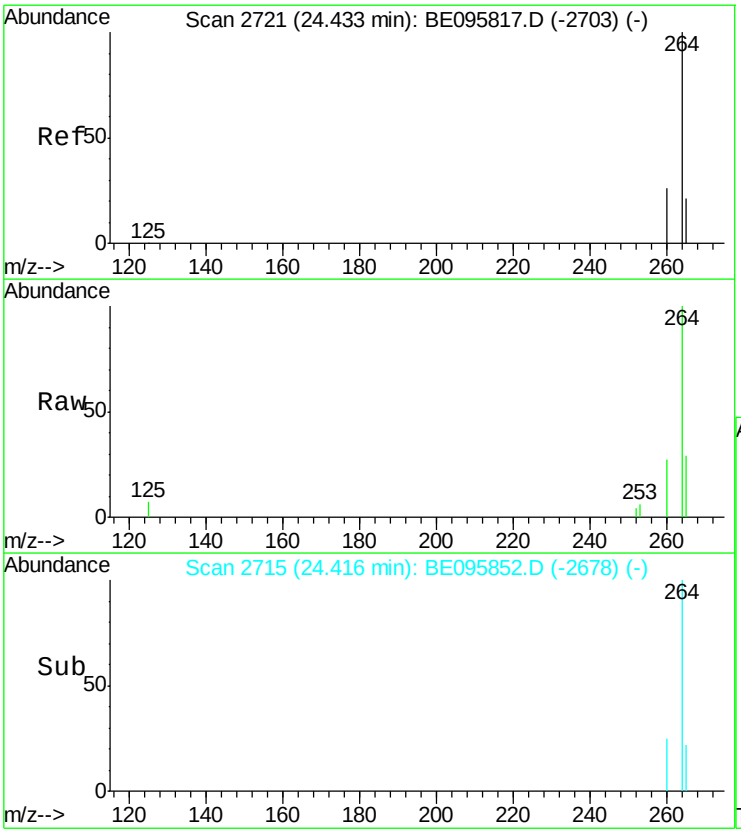
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng
RT: 27.22 min Scan# 3497
Delta R.T. -0.03 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 534

Ion	Ratio	Lower	Upper
276	100		
138	11.2	22.5	33.7#
277	7.5	19.9	29.9#

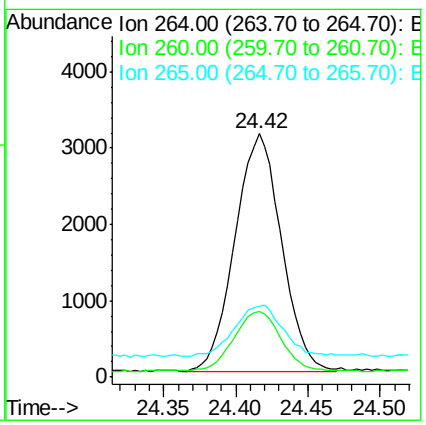


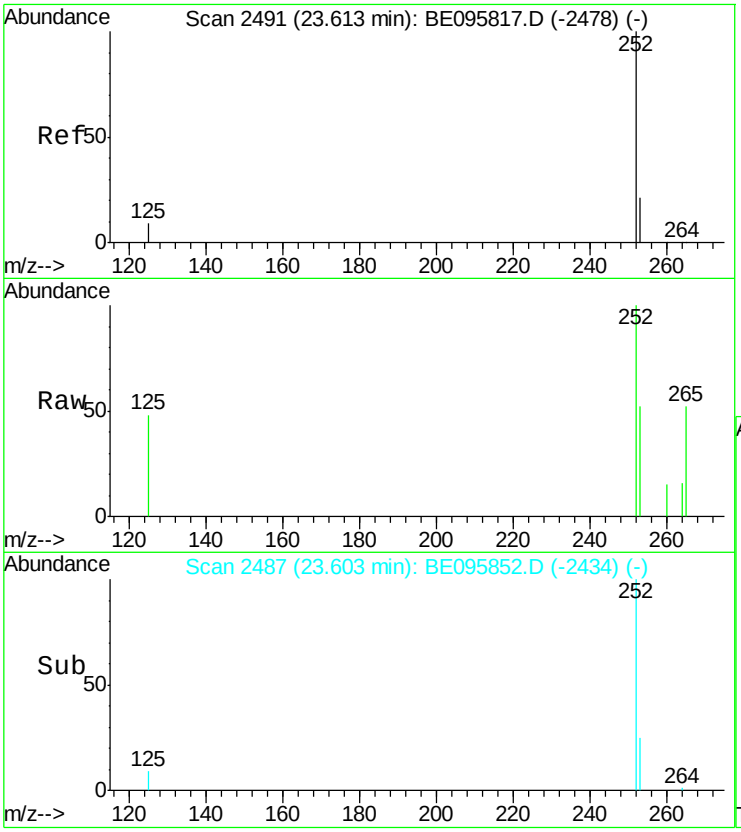


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2715
Delta R.T. -0.02 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:264 Resp: 6824

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	29.3	22.8	34.2



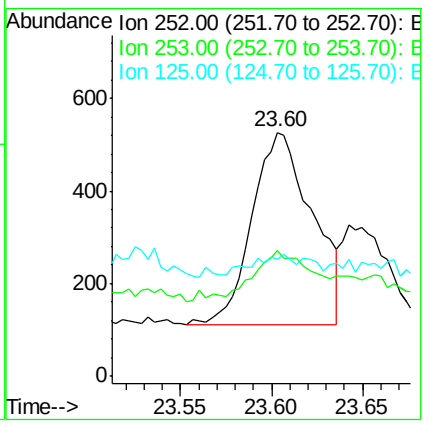


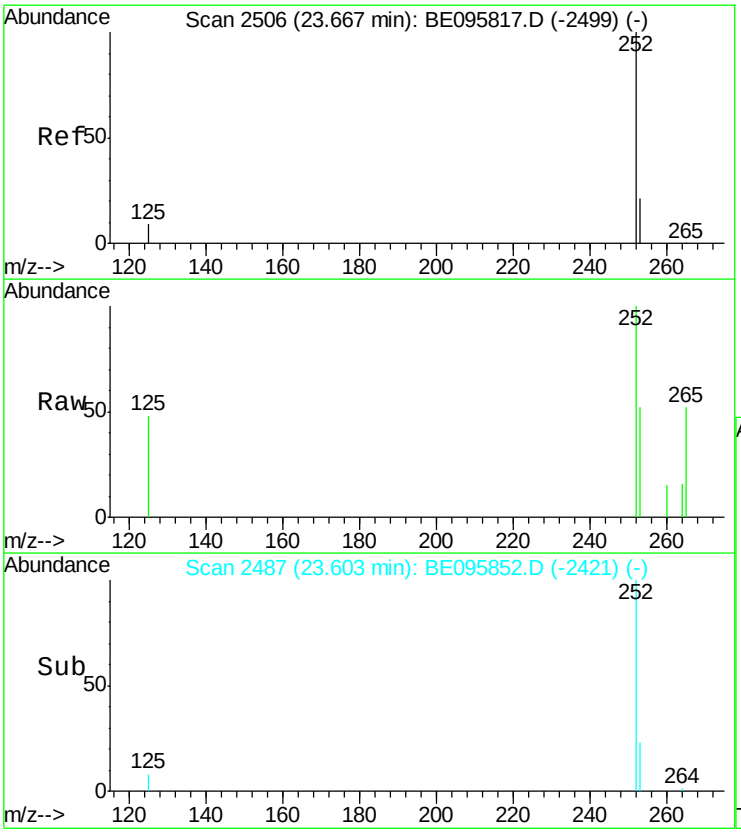
#35
Benzo(b)fluoranthene
Concen: 0.043 ng
RT: 23.60 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 962

Ion	Ratio	Lower	Upper
252	100		
253	51.7	20.0	30.0#
125	47.7	16.0	24.0#

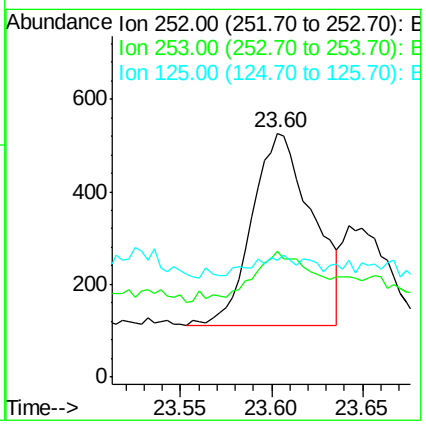


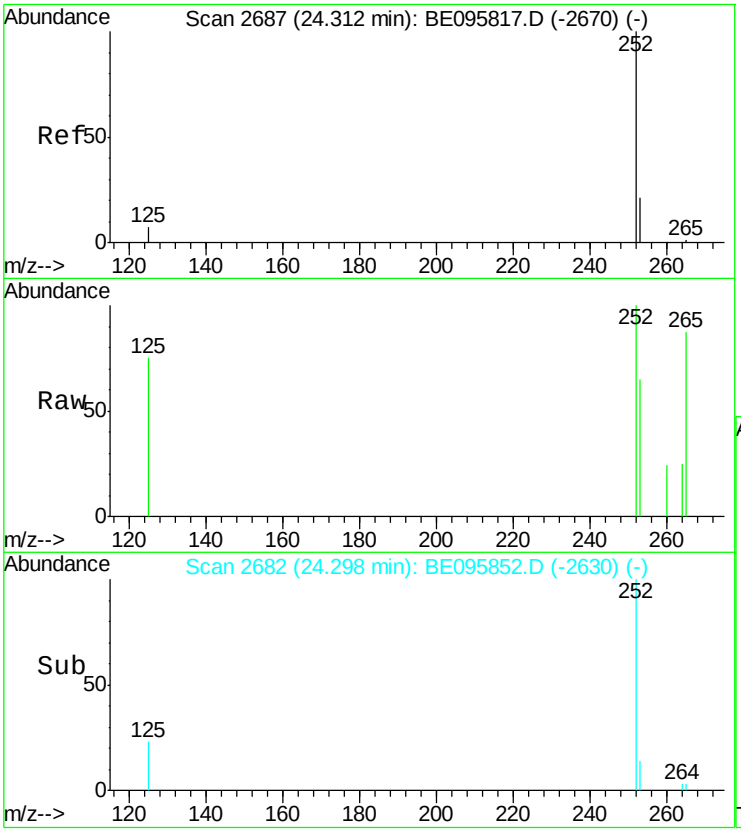


#36
Benzo(k)fluoranthene
Concen: 0.043 ng
RT: 23.60 min Scan# 2487
Delta R.T. -0.06 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:252 Resp: 962

Ion	Ratio	Lower	Upper
252	100		
253	51.7	16.0	24.0#
125	47.7	8.0	12.0#



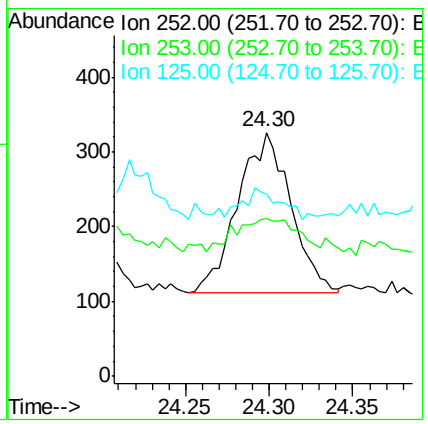


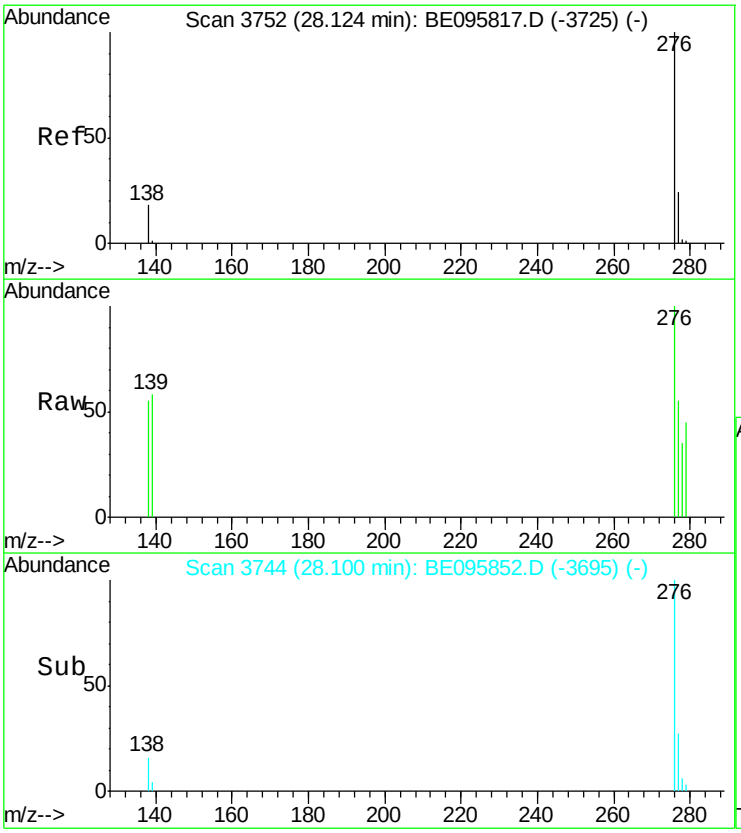
#37
Benzo(a)pyrene
Concen: 0.022 ng
RT: 24.30 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 469

Ion	Ratio	Lower	Upper
252	100		
253	64.7	16.0	24.0#
125	74.8	12.0	18.0#





#39
Benzo(g,h,i)perylene
Concen: 0.026 ng
RT: 28.10 min Scan# 3744
Delta R.T. -0.02 min
Lab File: BE095852.D
Acq: 26 Mar 2018 23:24

Tgt Ion:276 Resp: 516

Ion	Ratio	Lower	Upper
276	100		
277	55.4	16.0	24.0#
138	55.4	20.0	30.0#