Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096581.D
Acq On : 15 May 2018 16:58
Operator : SJ/JU
Sample : J2604-13DL 100X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 16 05:34:16 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	653	0.40	ng		0.00
7) Naphthalene-d8	11.17	136	2764	0.40	ng		-0.01
13) Acenaphthene-d10	14.92	164	1693	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3854	0.40	ng		0.00
27) Chrysene-d12	21.73	240	3706	0.40	ng		0.00
34) Perylene-d12	24.33	264	3542	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.84	112	2525	1.40	ng		-0.01
5) Phenol-d6	7.49	99	3733	1.46	ng		-0.01
8) Nitrobenzene-d5	9.52	82	2673	0.91	ng		-0.01
11) 2-Methylnaphthalene-d10	12.71	152	5	0.00	ng		-0.01
14) 2,4,6-Tribromophenol	16.40	330	1061	1.59	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	6424	0.88	ng		0.00
25) Fluoranthene-d10	19.62	212	32	0.00	ng		0.00
29) Terphenyl-d14	20.18	244	8300	0.99	ng		0.00
Target Compounds							Qvalue
10) Hexachlorobutadiene	11.48	225	2863	1.761	ng		94
12) 2-Methylnaphthalene	12.79	142	3605	0.723	ng		93
16) Acenaphthylene	14.64	152	14100	1.596	ng		99
17) Acenaphthene	14.99	154	6529	1.212	ng		93
18) Fluorene	15.96	166	11538	1.722	ng	#	77
20) 4-Bromophenyl-phenylether	16.82	248	4784	2.046	ng	#	83
21) Hexachlorobenzene	16.95	284	4058	1.665	ng	#	81
22) Pentachlorophenol	17.30	266	2010	2.744	ng	#	74
23) Phenanthrene	17.67	178	16593	1.533	ng		99
26) Fluoranthene	19.65	202	15608	1.206	ng	#	97
30) Benzo(a)anthracene	21.72	228	11618	1.020	ng		97
31) Chrysene	21.72	228	8264	0.697	ng		97
32) Bis(2-ethylhexyl)phthalate	21.58	149	51826	2.125	ng		100
33) Indeno(1,2,3-cd)pyrene	27.10	276	11470	1.009	ng	#	93
35) Benzo(b)fluoranthene	23.58	252	11147	1.020	ng	#	90
36) Benzo(k)fluoranthene	23.58	252	11147	0.964	ng	#	94
37) Benzo(a)pyrene	24.21	252	13845	1.326	ng	#	92
38) Dibenzo(a,h)anthracene	27.11	278	10526	1.102	ng	#	95
39) Benzo(g,h,i)perylene	27.96	276	11528	1.153	ng	#	89

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

Quantitation Report (Not Reviewed)

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Data File : BE096581.D
Acq On : 15 May 2018 16:58
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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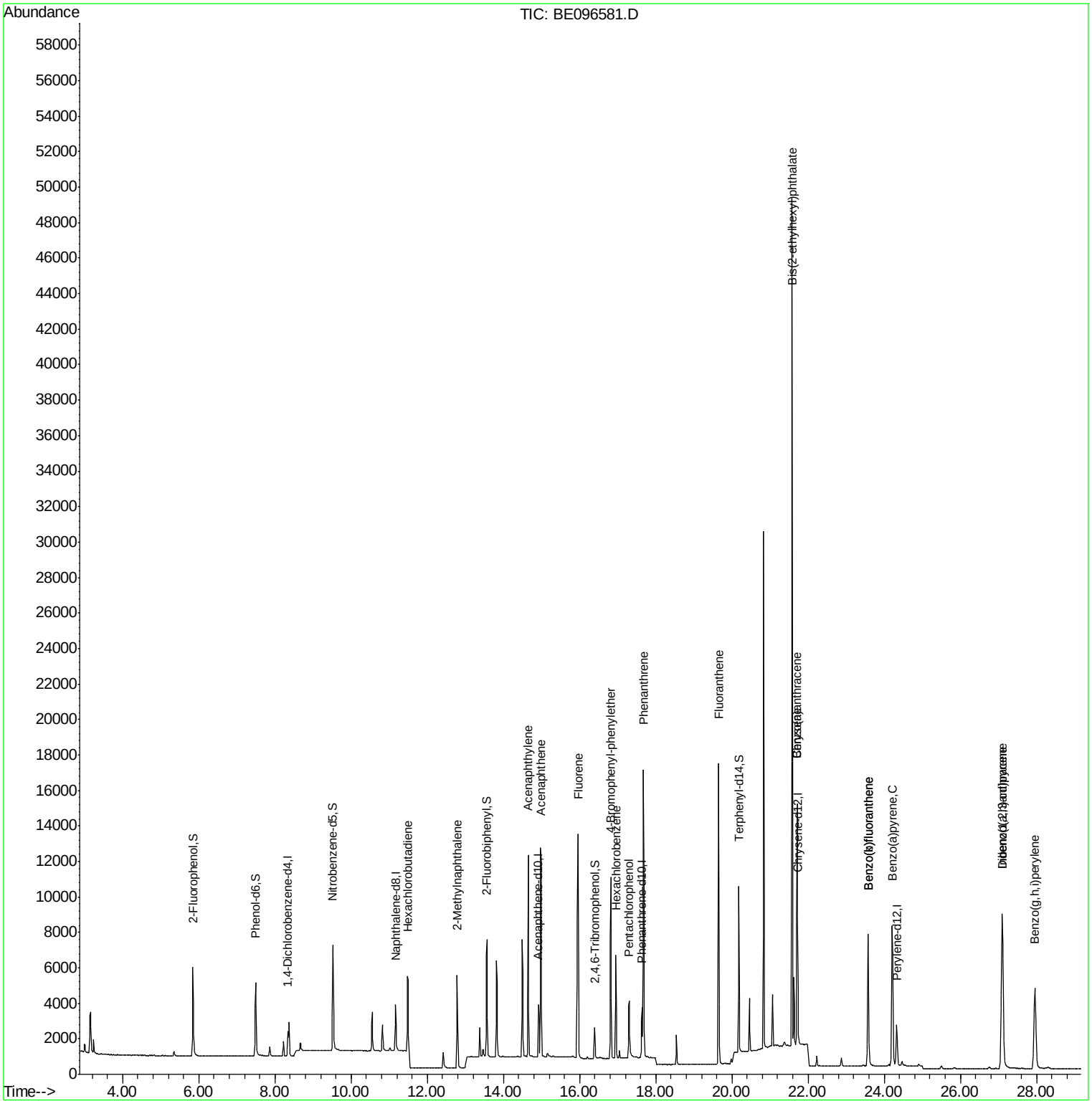
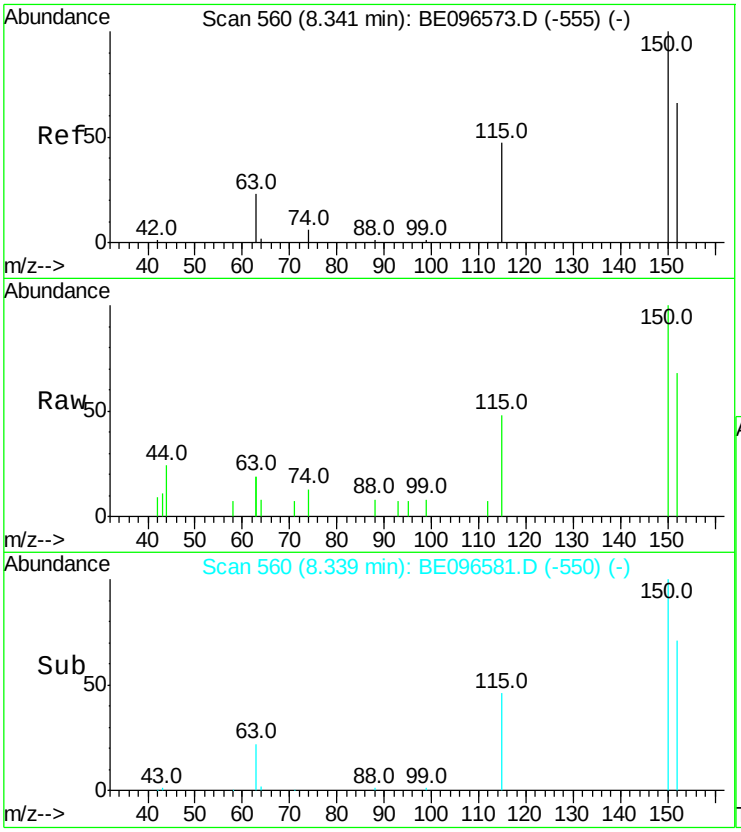


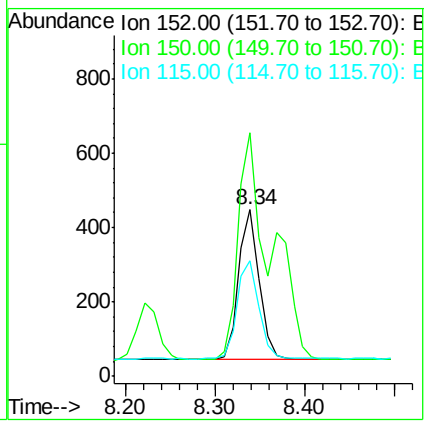


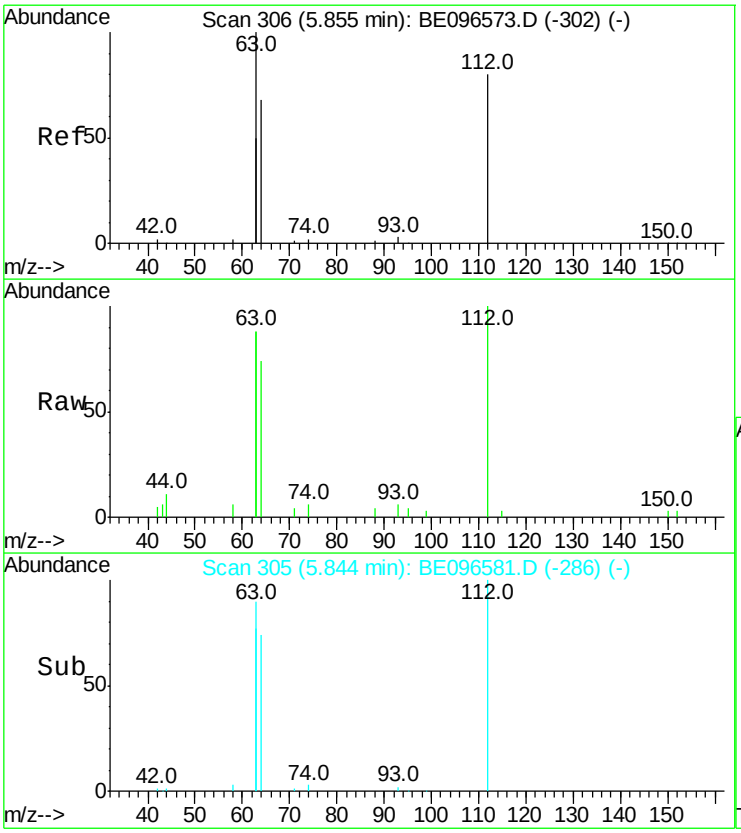
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.34 min Scan# 560
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 653

Ion	Ratio	Lower	Upper
152	100		
150	146.5	117.2	175.8
115	69.8	57.0	85.6

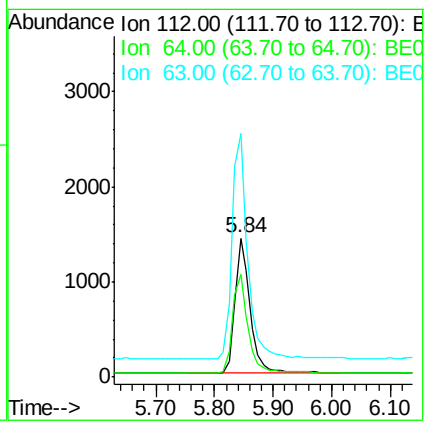


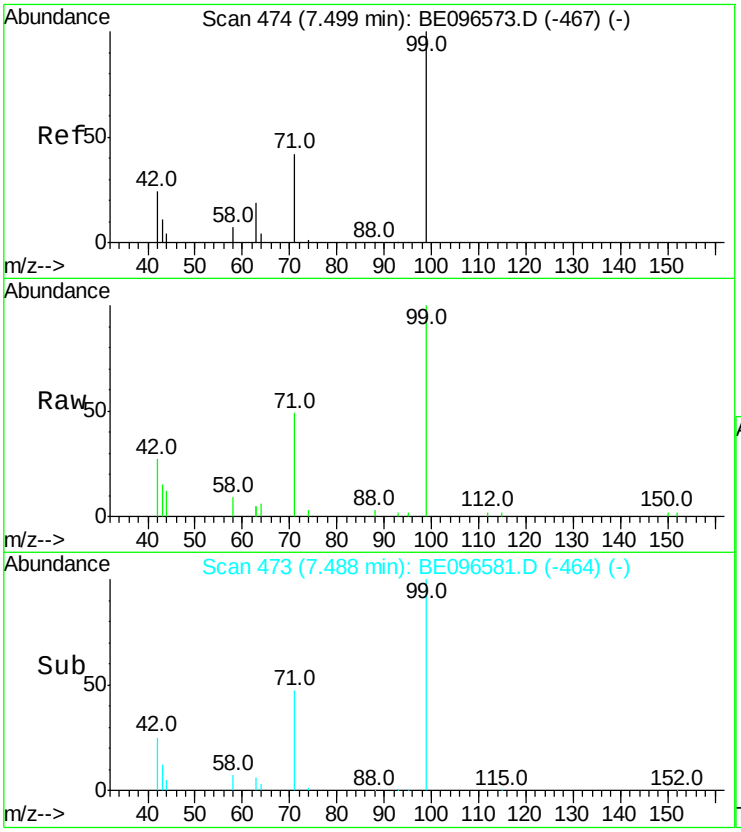


#4
2-Fluorophenol
Concen: 1.402 ng
RT: 5.84 min Scan# 305
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:112 Resp: 2525

Ion	Ratio	Lower	Upper
112	100		
64	75.3	60.1	90.1
63	170.6	116.8	175.2



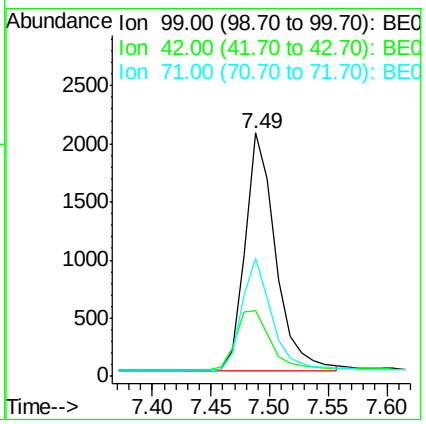


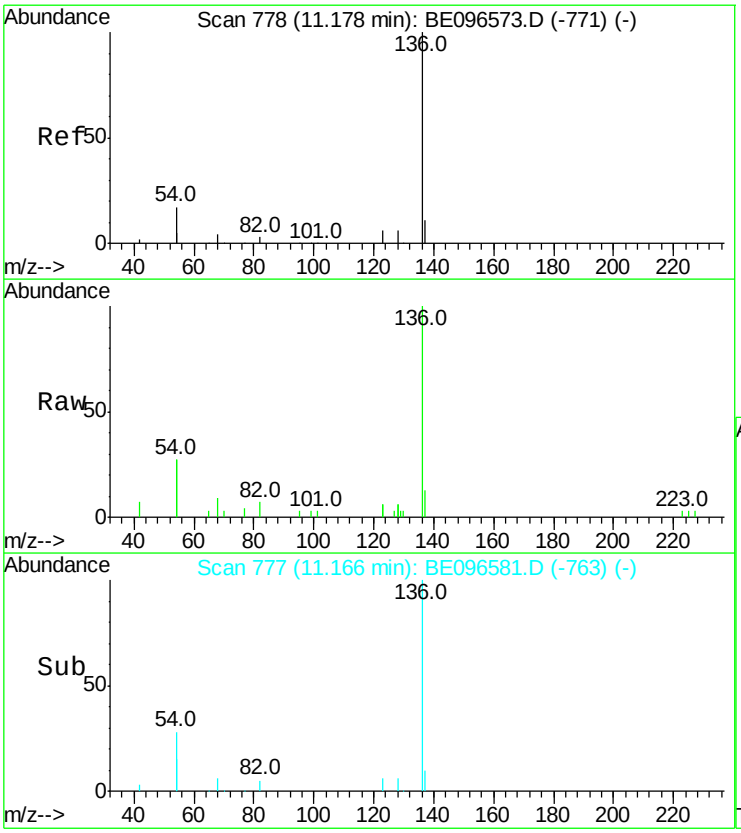
#5
Phenol-d6
Concen: 1.465 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3733

Ion	Ratio	Lower	Upper
99	100		
42	28.2	20.2	30.2
71	46.2	28.4	42.6#

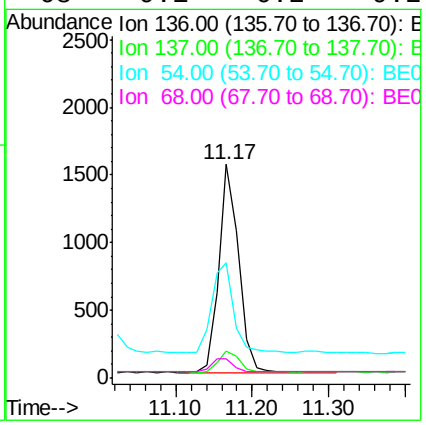


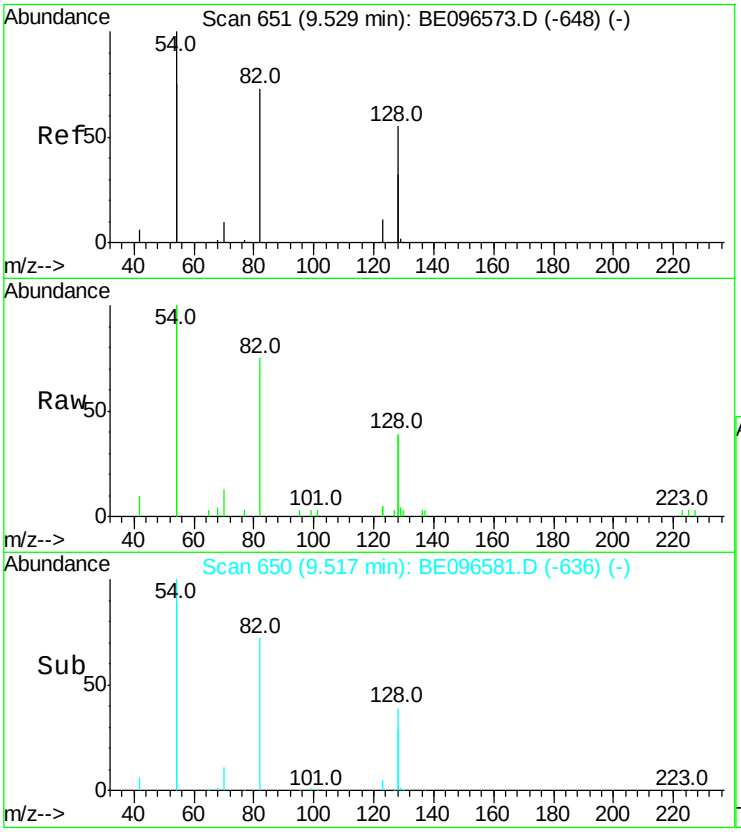


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:136 Resp: 2764

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	53.7	29.1	43.7#
68	9.1	6.2	9.2



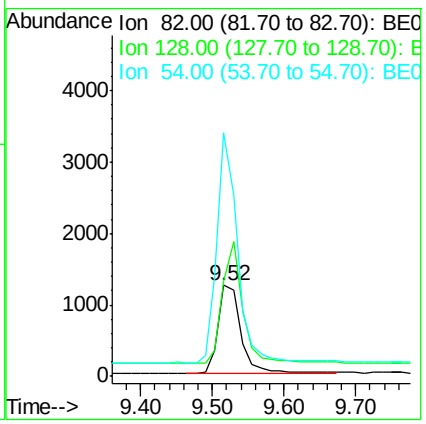


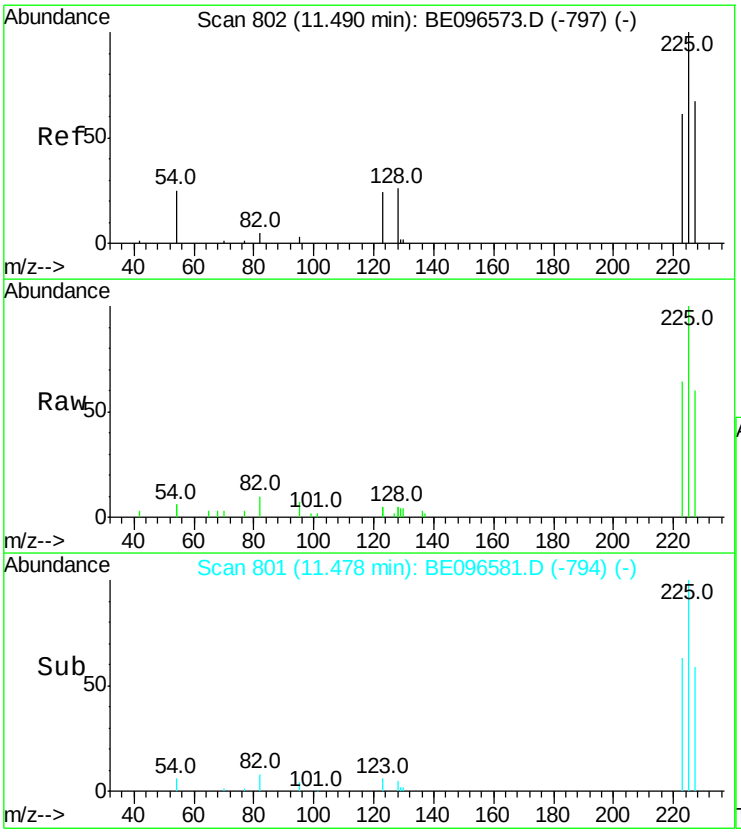
#8
Nitrobenzene-d5
Concen: 0.909 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 2673

Ion	Ratio	Lower	Upper
82	100		
128	105.1	150.0	225.0#
54	267.3	154.2	231.4#

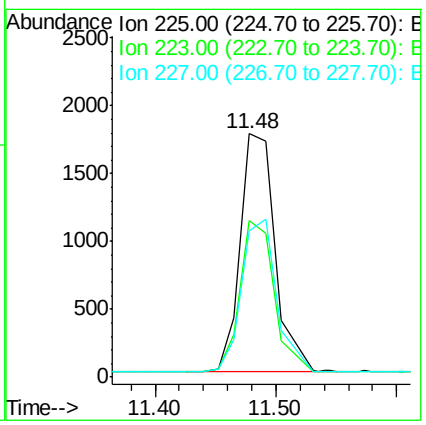


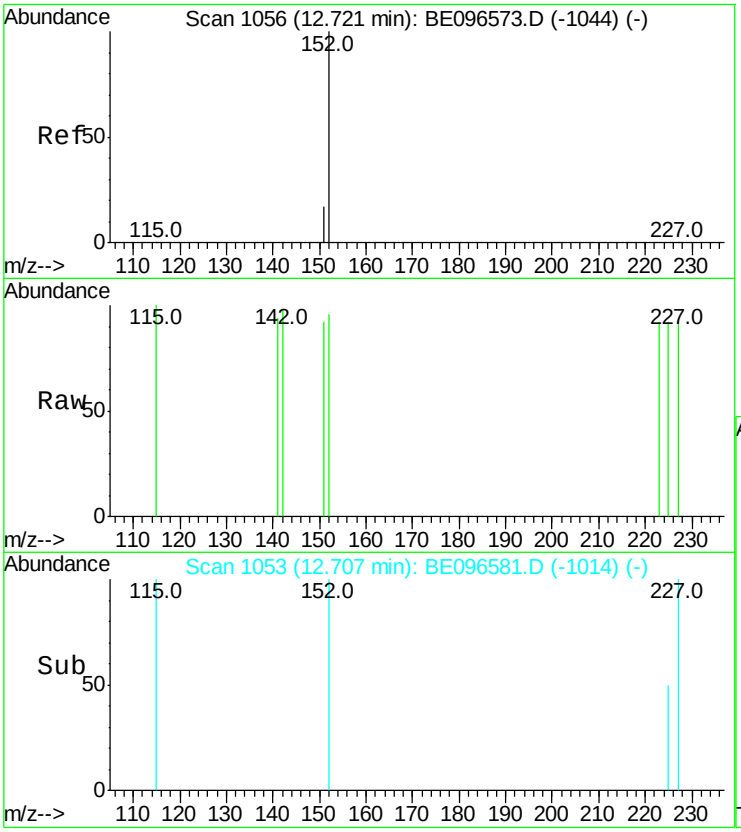


#10
Hexachlorobutadiene
Concen: 1.761 ng
RT: 11.48 min Scan# 801
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:225 Resp: 2863

Ion	Ratio	Lower	Upper
225	100		
223	75.8	53.0	79.6
227	64.7	51.4	77.2



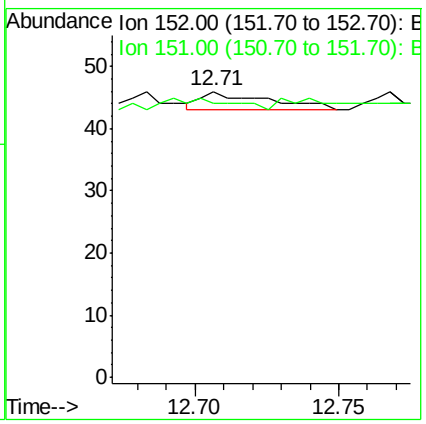


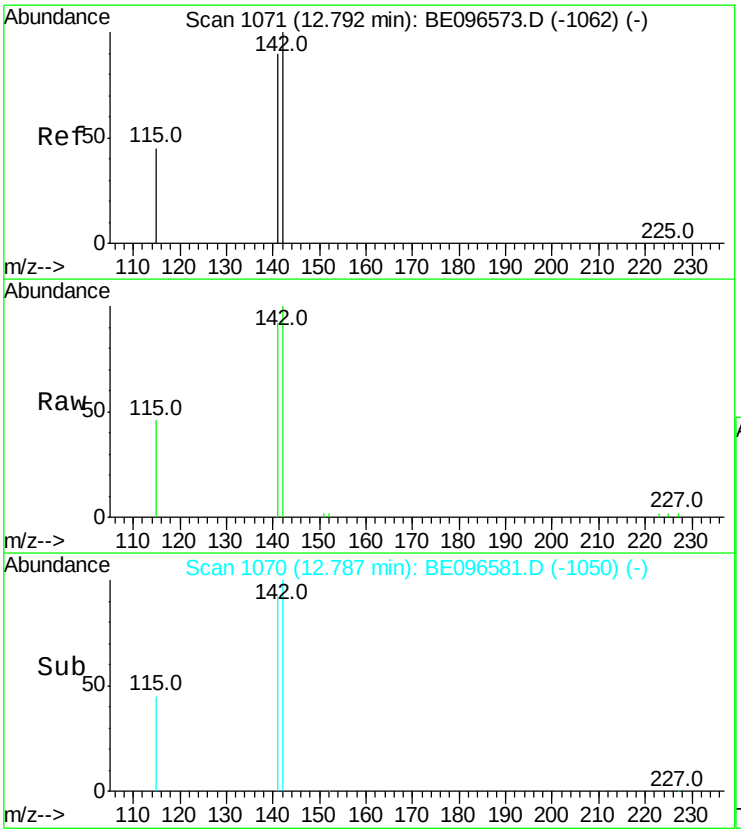
#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.71 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.0#

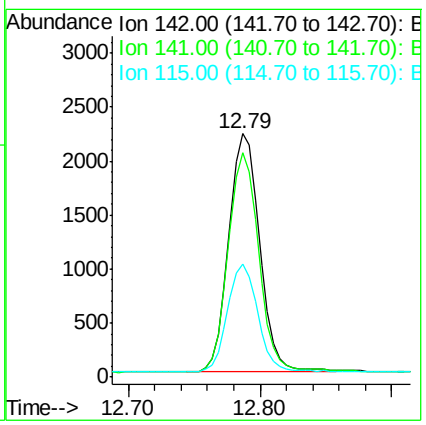


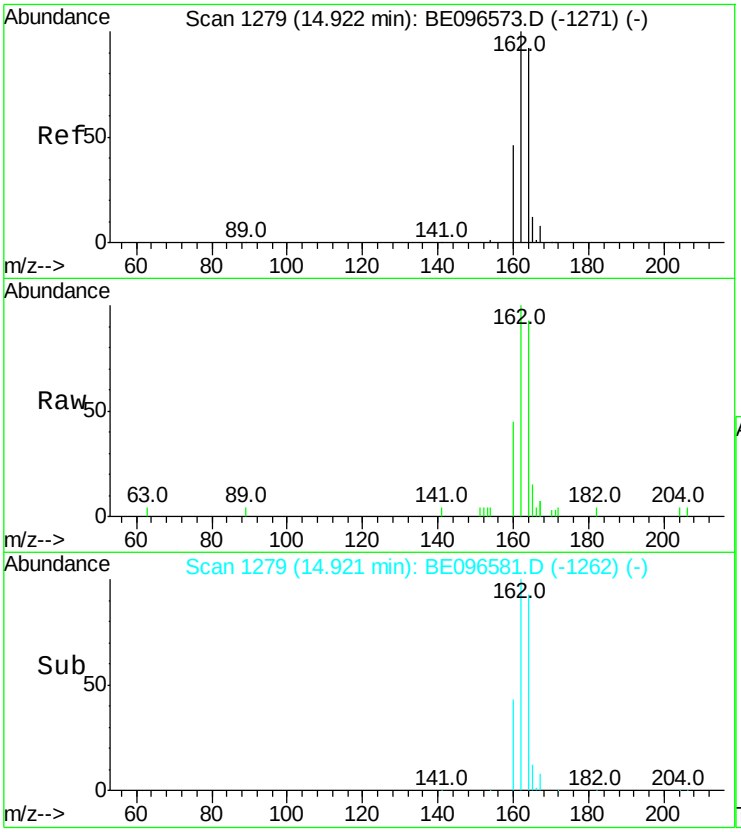


#12
2-Methylnaphthalene
Concen: 0.723 ng
RT: 12.79 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:142 Resp: 3605

Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.4	105.6
115	46.5	31.7	47.5



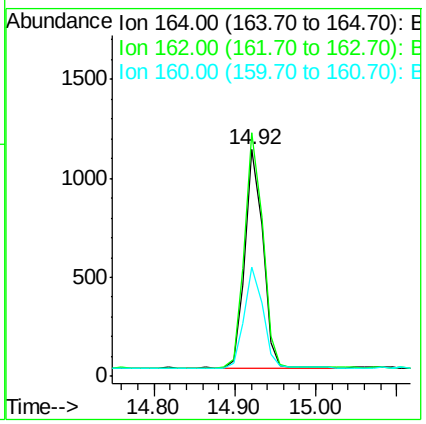


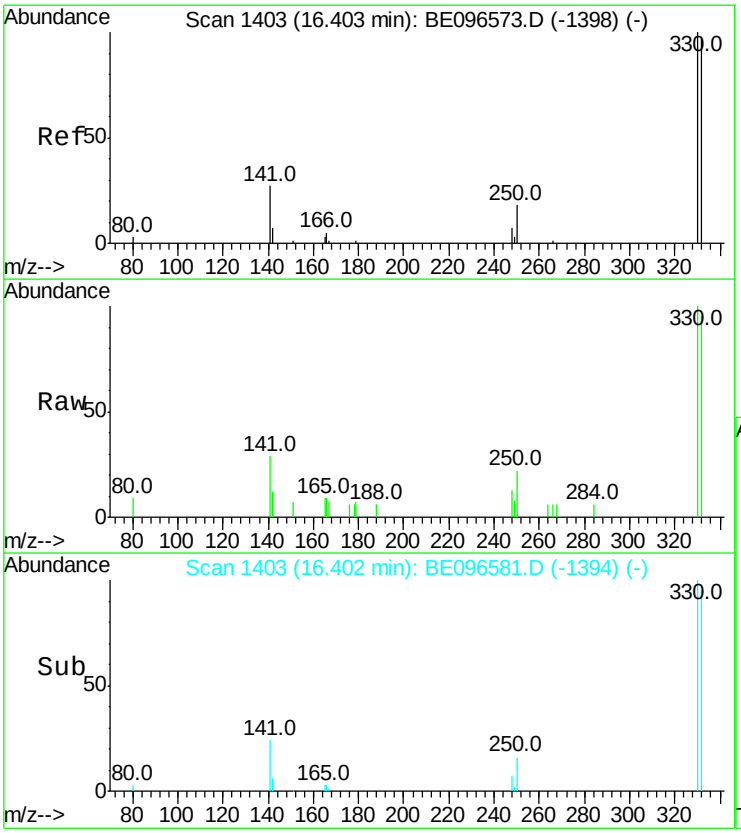
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1693

Ion	Ratio	Lower	Upper
164	100		
162	107.5	83.1	124.7
160	48.2	37.1	55.7

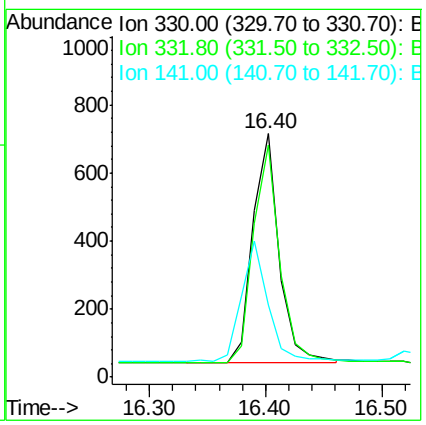


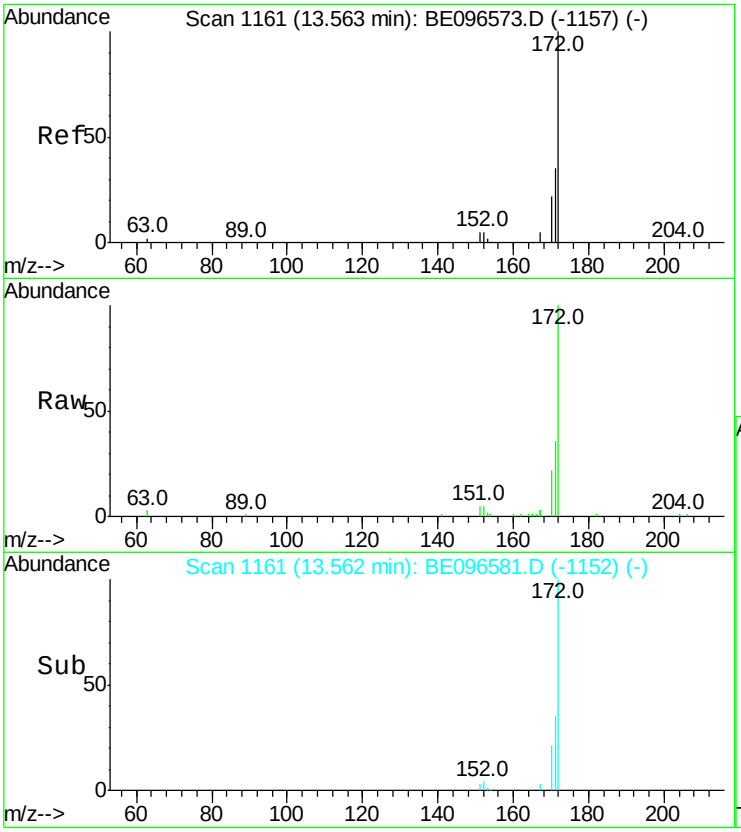


#14
2,4,6-Tribromophenol
Concen: 1.585 ng
RT: 16.40 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:330 Resp: 1061

Ion	Ratio	Lower	Upper
330	100		
332	96.2	152.7	229.1#
141	52.5	33.7	50.5#



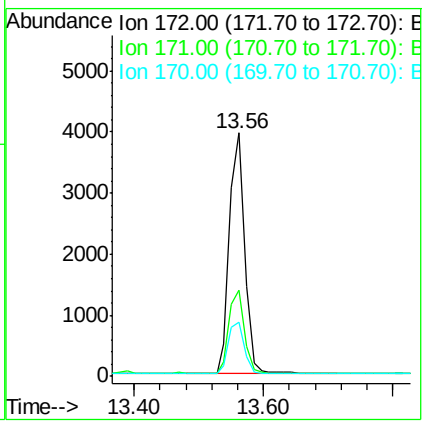


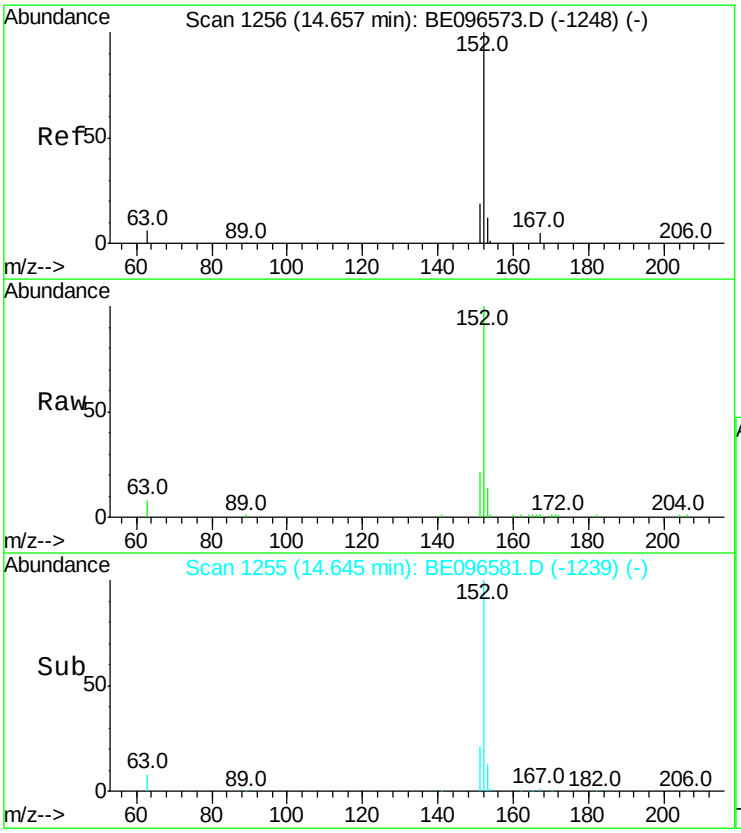
#15
2-Fluorobiphenyl
Concen: 0.884 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6424

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	22.4	21.8	32.8

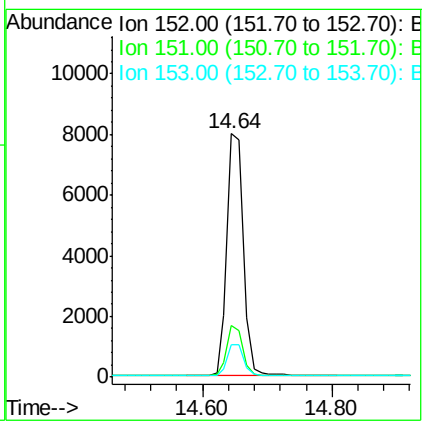


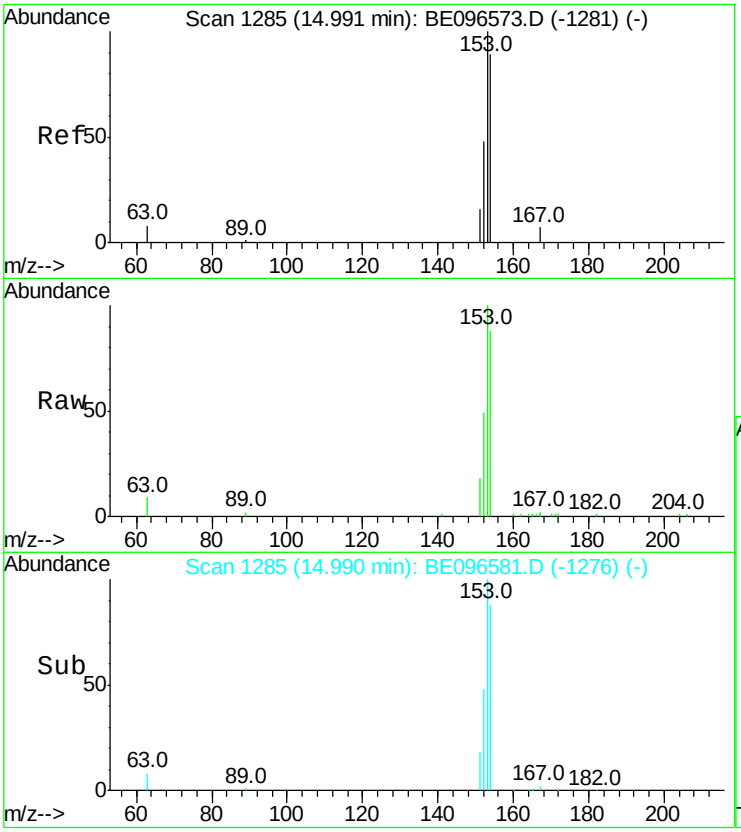


#16
Acenaphthylene
Concen: 1.596 ng
RT: 14.64 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:152 Resp: 14100

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.0	10.5	15.7



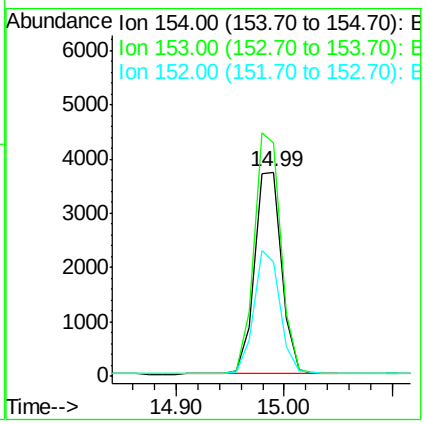


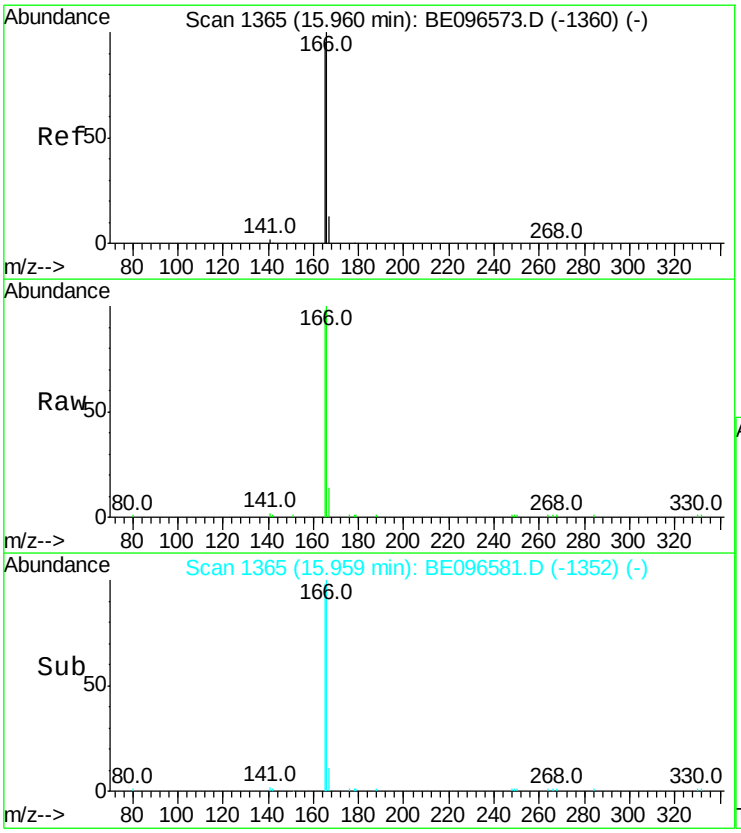
#17
Acenaphthene
Concen: 1.212 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6529

Ion	Ratio	Lower	Upper
154	100		
153	117.7	89.2	133.8
152	58.4	42.0	63.0

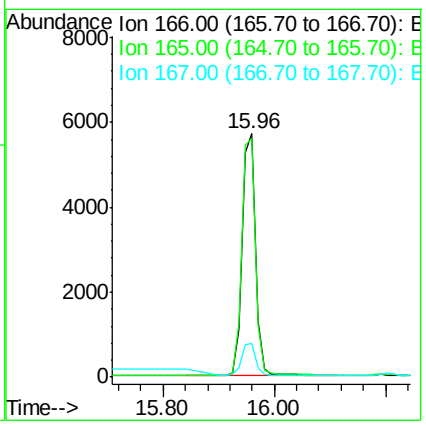


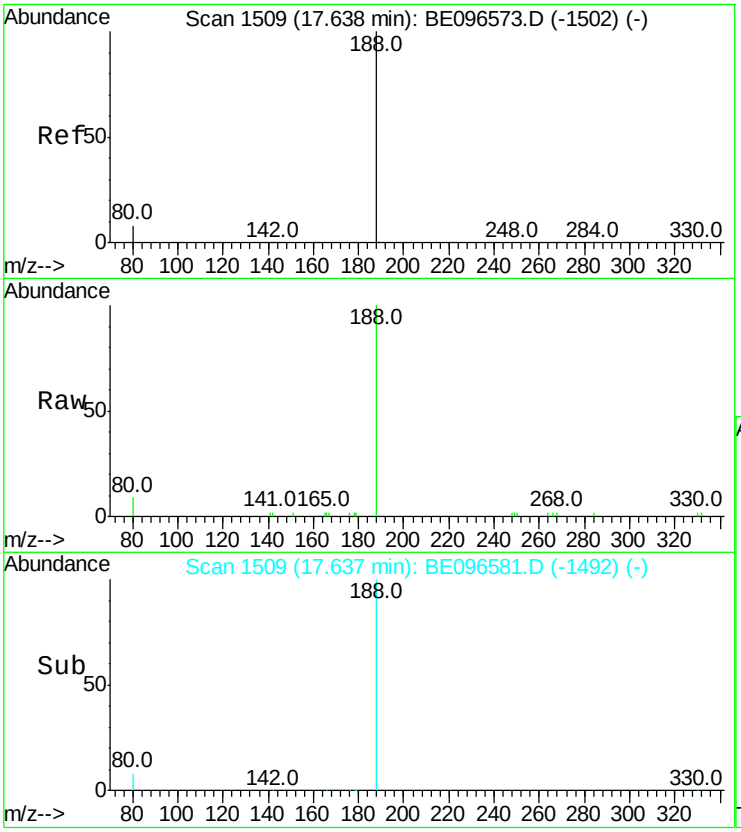


#18
Fluorene
Concen: 1.722 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:166 Resp: 11538

Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.8	116.6
167	11.2	42.4	63.6#



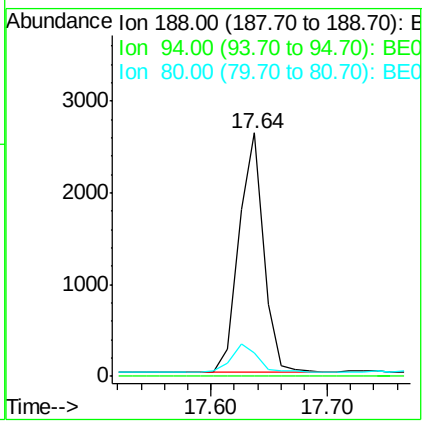


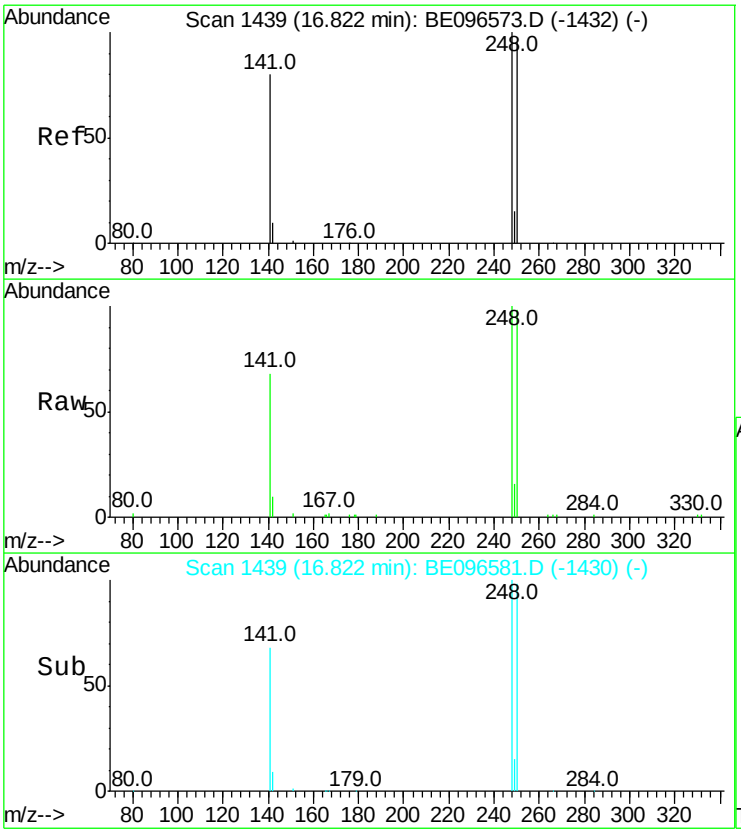
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.64 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3854

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.4	3.6	5.4#

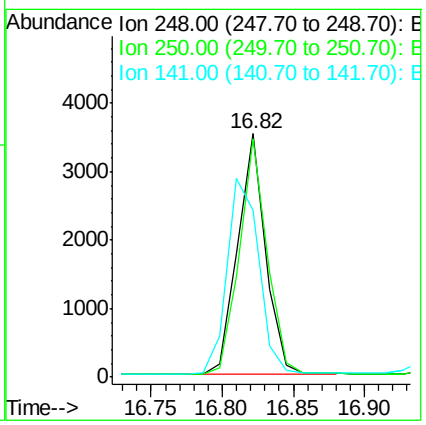


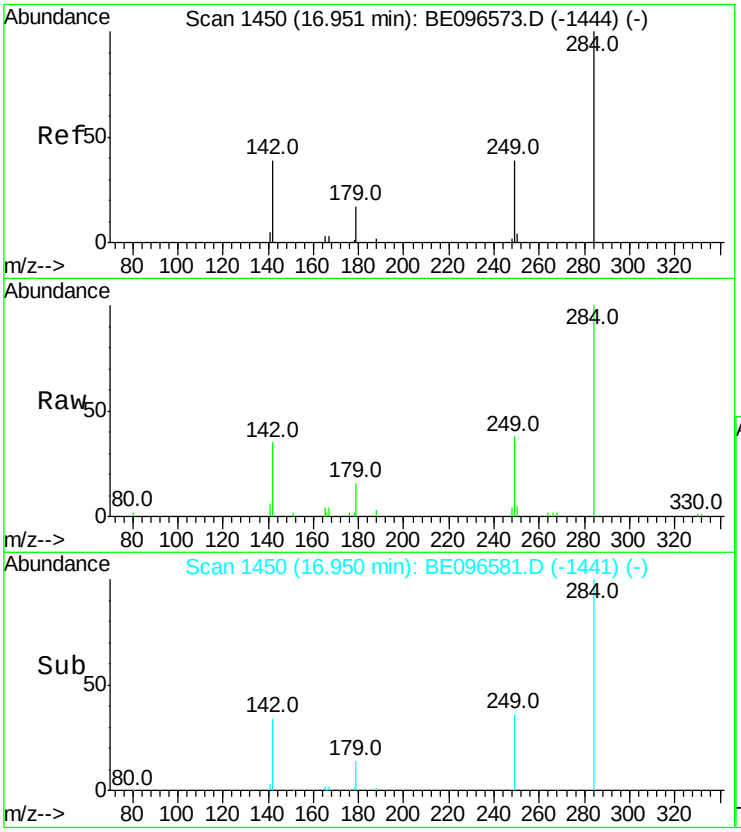


#20
4-Bromophenyl-phenylether
Concen: 2.046 ng
RT: 16.82 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:248 Resp: 4784

Ion	Ratio	Lower	Upper
248	100		
250	97.9	62.7	94.1#
141	68.5	48.2	72.2



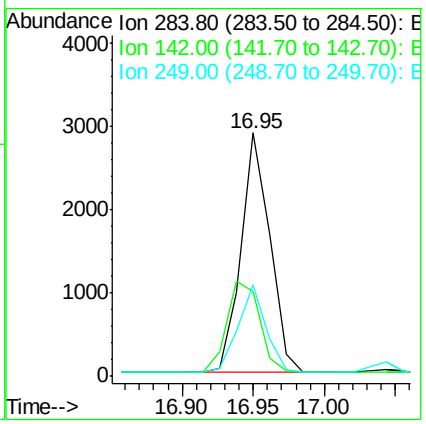


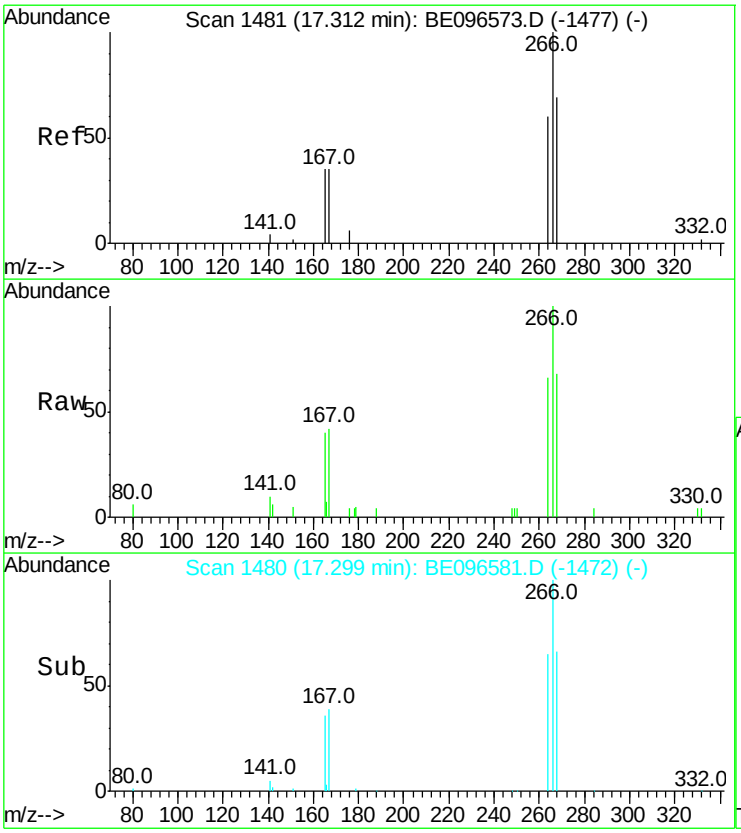
#21
Hexachlorobenzene
Concen: 1.665 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4058

Ion	Ratio	Lower	Upper
284	100		
142	43.6	22.1	33.1#
249	35.5	34.8	52.2

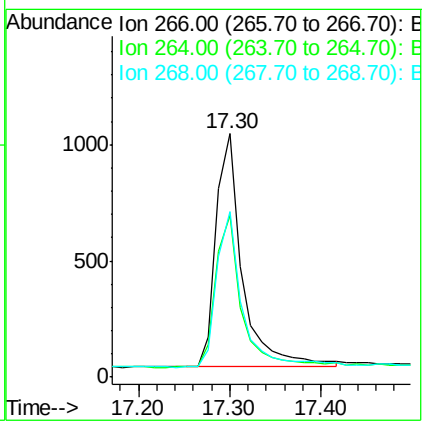


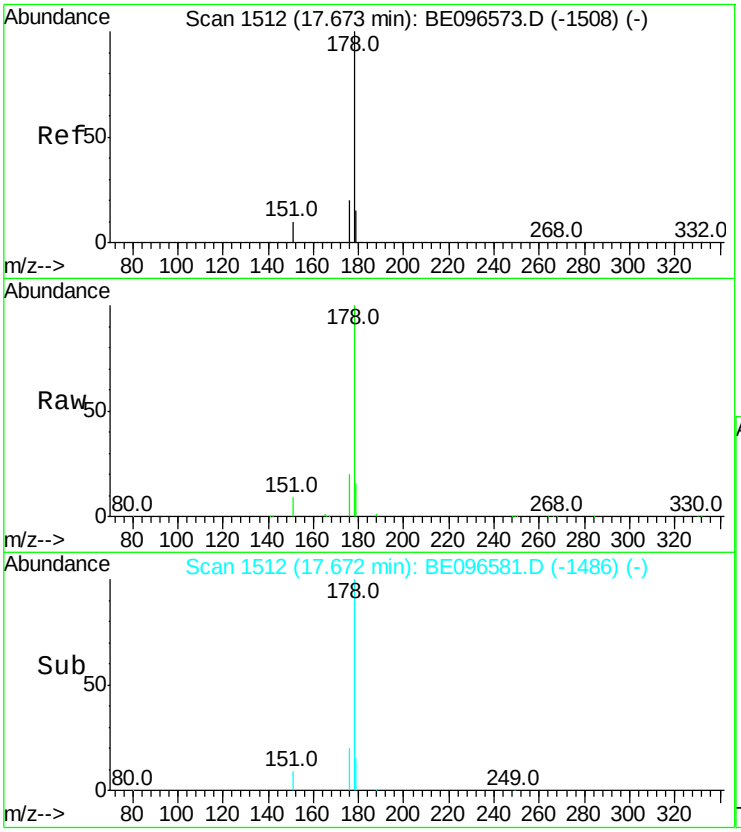


#22
Pentachlorophenol
Concen: 2.744 ng
RT: 17.30 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:266 Resp: 2010

Ion	Ratio	Lower	Upper
266	100		
264	66.3	72.5	108.7#
268	68.0	73.8	110.6#



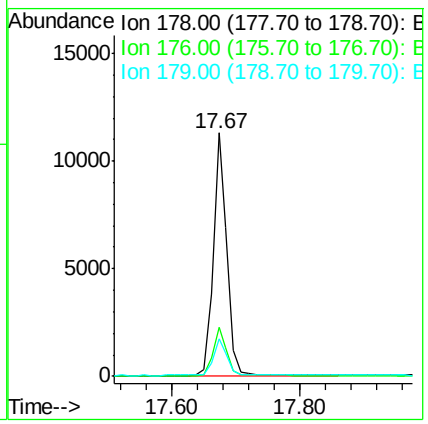


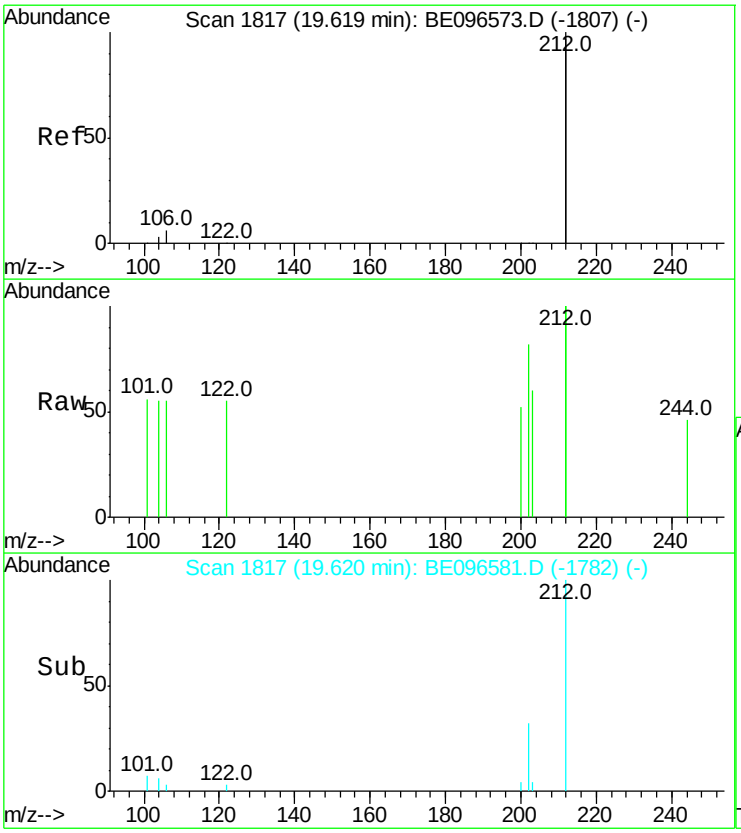
#23
Phenanthrene
Concen: 1.533 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 16593

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	14.9	11.8	17.6

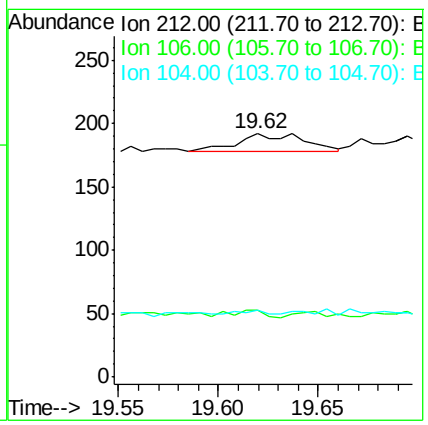


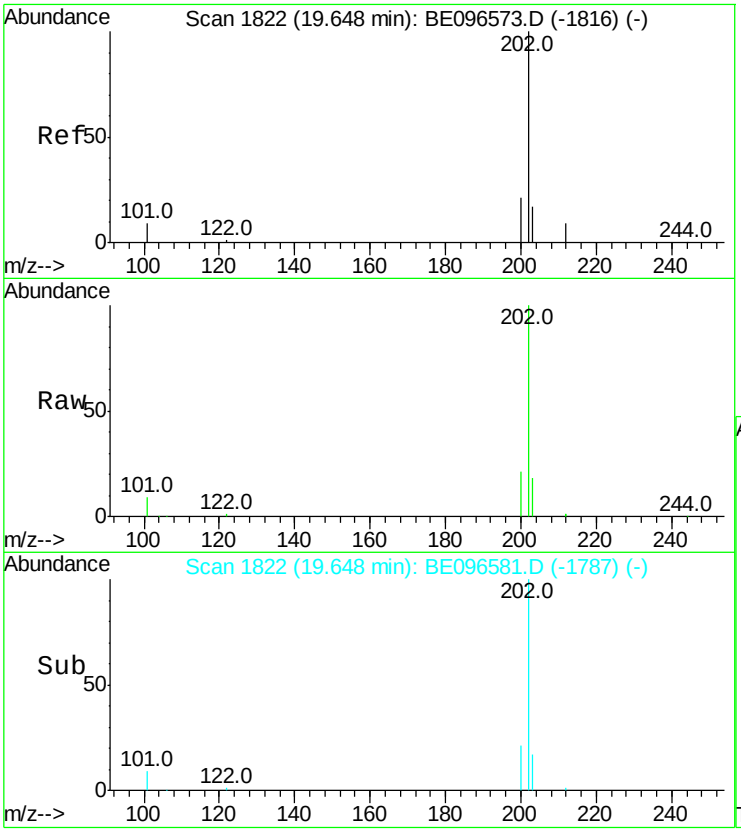


#25
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:212 Resp: 32

Ion	Ratio	Lower	Upper
212	100		
106	21.9	2.8	4.2#
104	12.5	1.6	2.4#



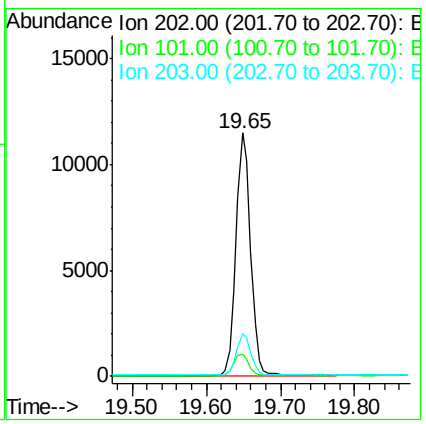


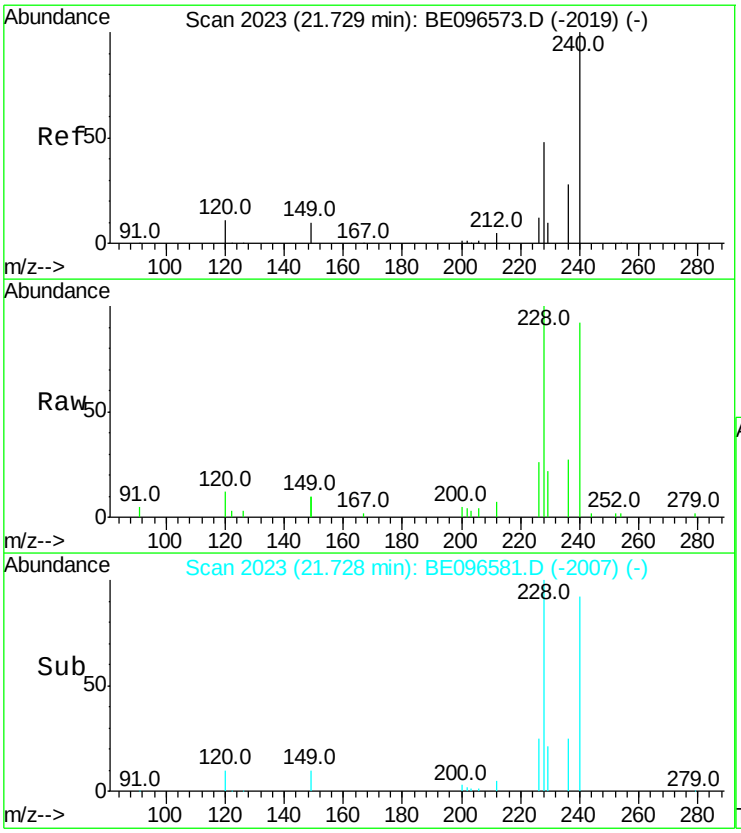
#26
Fluoranthene
Concen: 1.206 ng
RT: 19.65 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 15608

Ion	Ratio	Lower	Upper
202	100		
101	9.1	9.8	14.8#
203	17.1	13.7	20.5

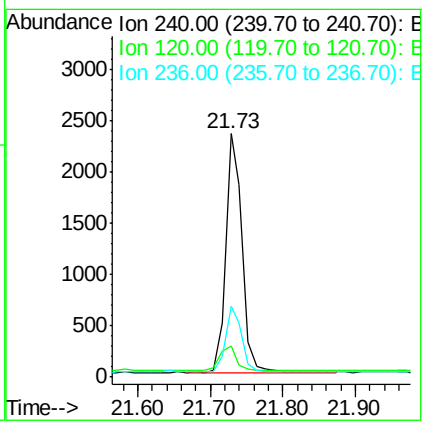


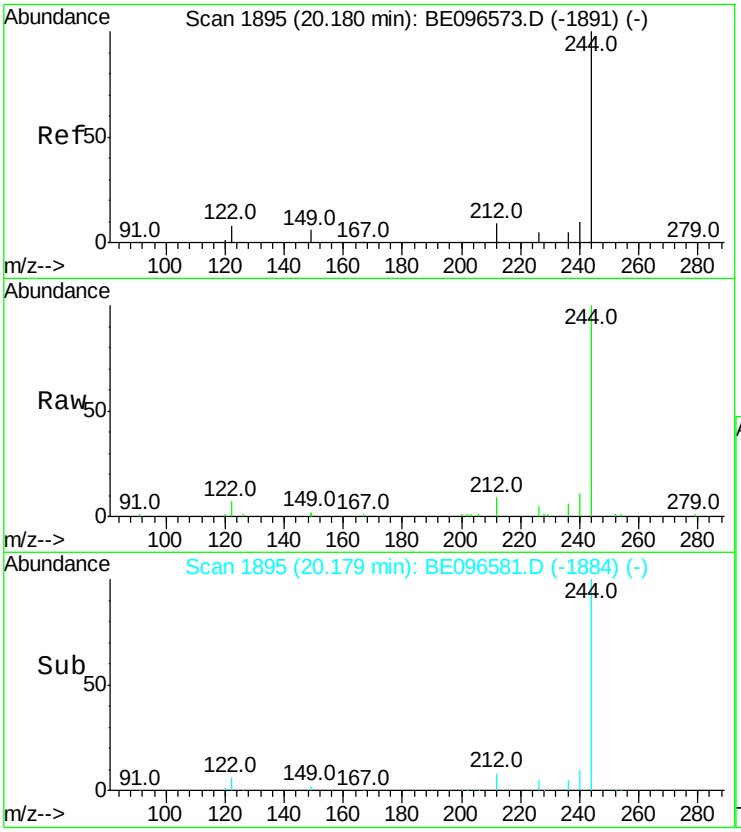


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.73 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:240 Resp: 3706

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.5	8.3#
236	29.3	20.7	31.1



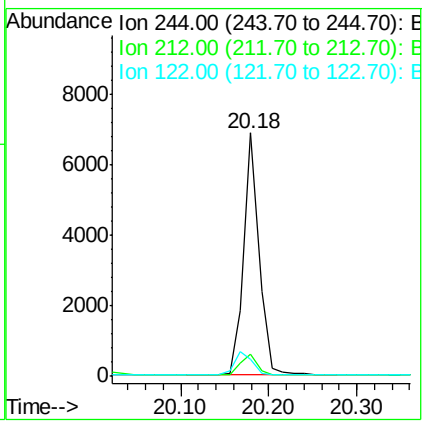


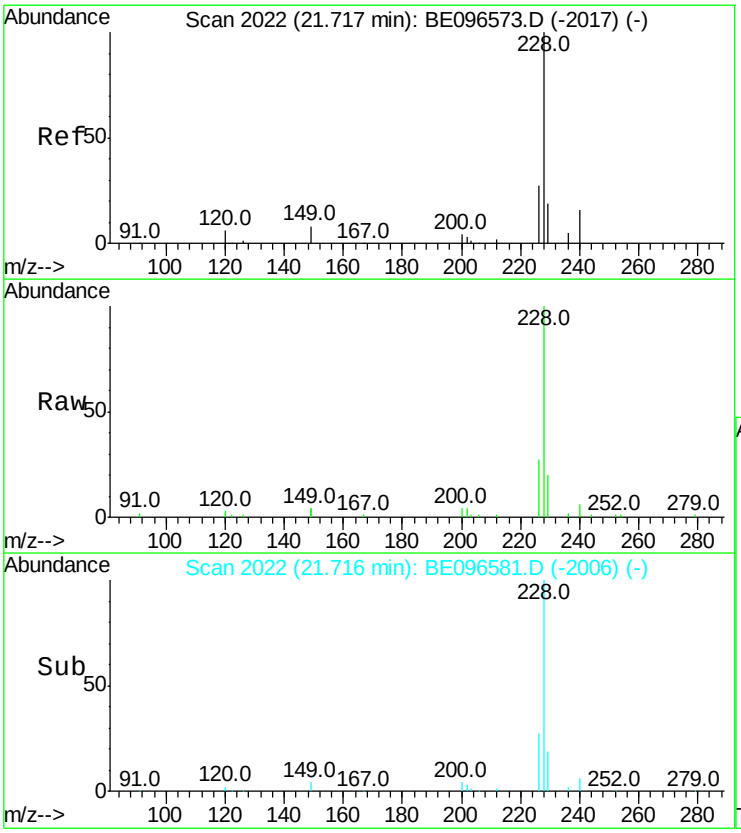
#29
Terphenyl-d14
Concen: 0.990 ng
RT: 20.18 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8300

Ion	Ratio	Lower	Upper
244	100		
212	9.1	25.4	38.0#
122	7.1	8.1	12.1#

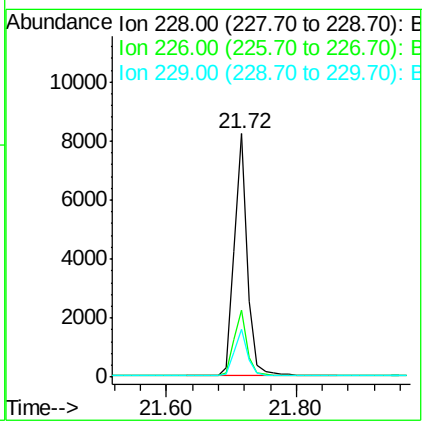


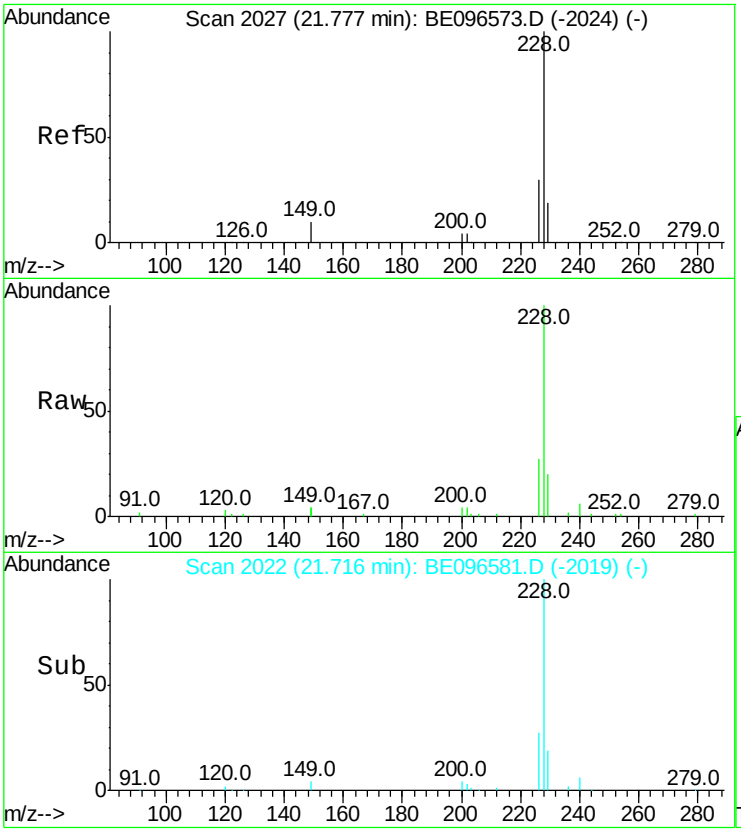


#30
Benzo(a)anthracene
Concen: 1.020 ng
RT: 21.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:228 Resp: 11618

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	19.7	16.0	24.0



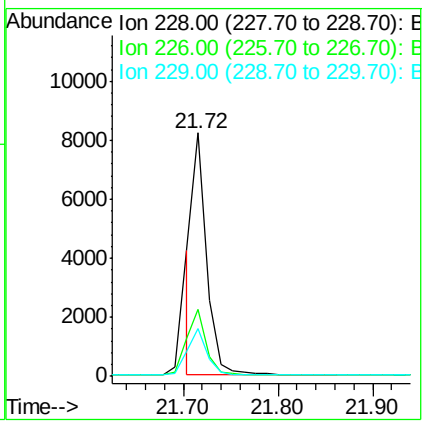


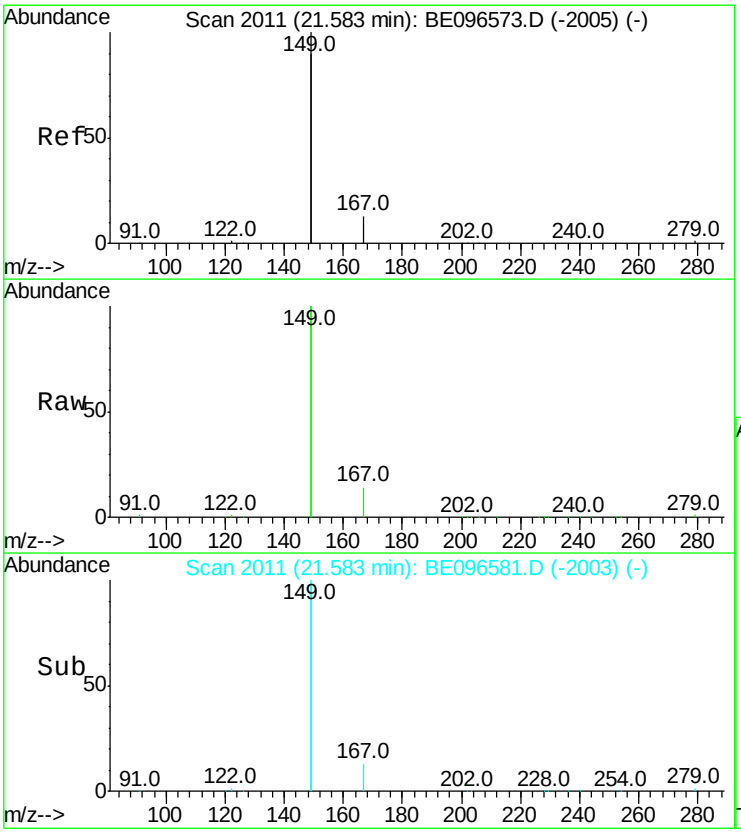
#31
Chrysene
Concen: 0.697 ng
RT: 21.72 min Scan# 2022
Delta R.T. -0.06 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8264

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	19.7	16.0	24.0

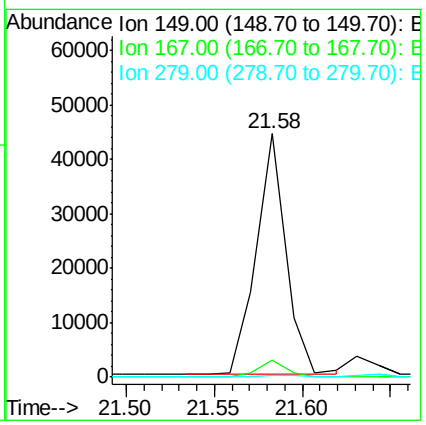


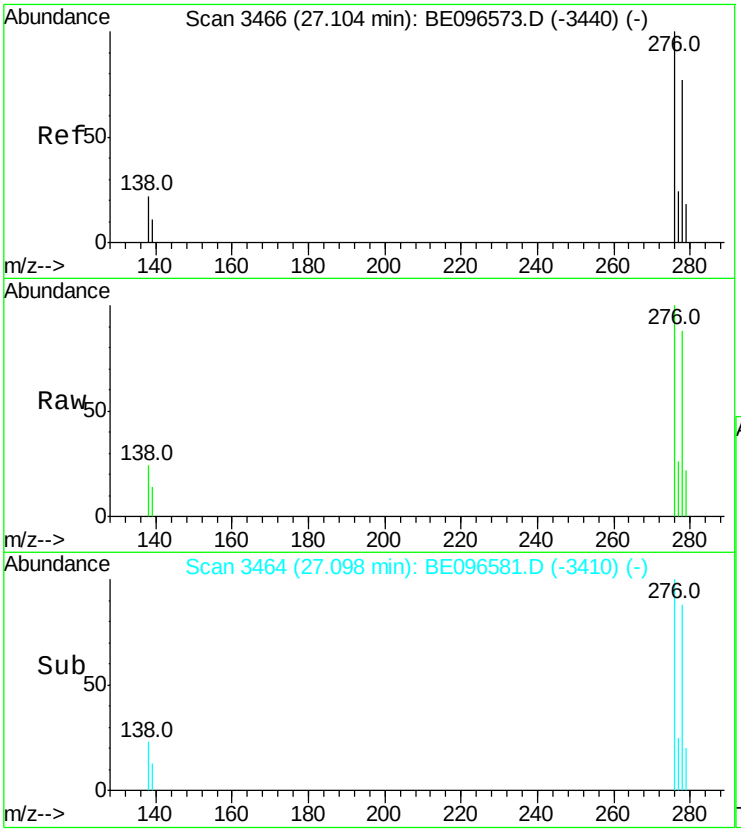


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.125 ng
RT: 21.58 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:149 Resp: 51826

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.8	0.7	1.1



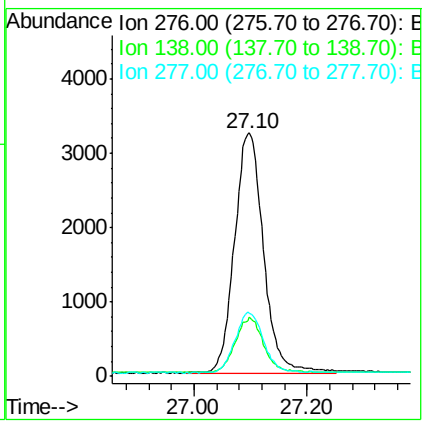


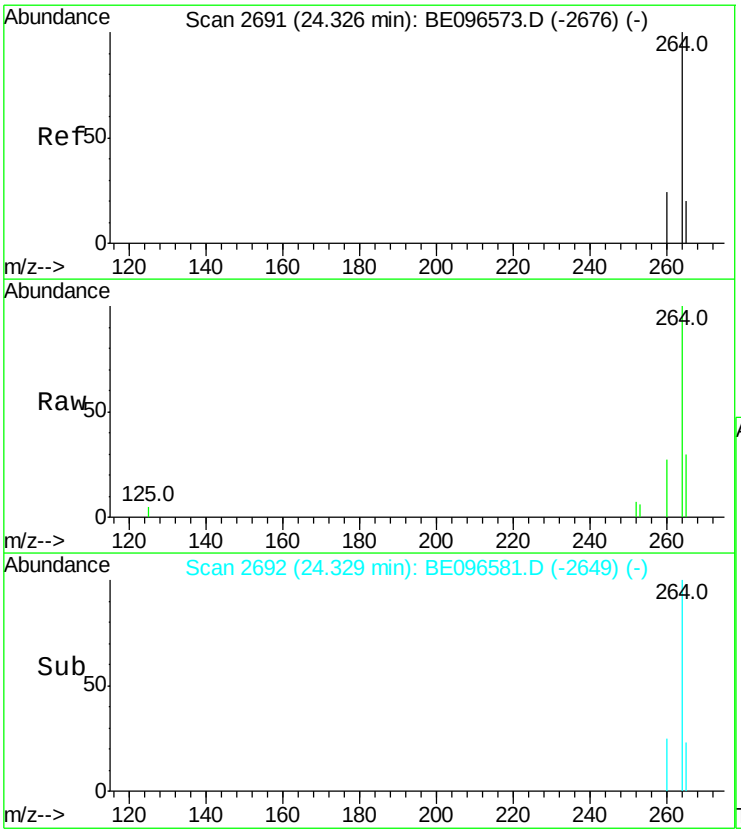
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.009 ng
RT: 27.10 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11470

Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.5	33.7#
277	24.4	19.9	29.9

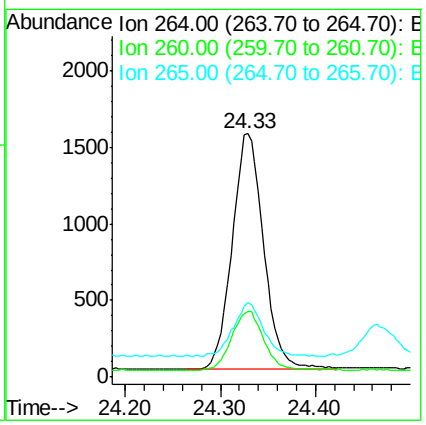


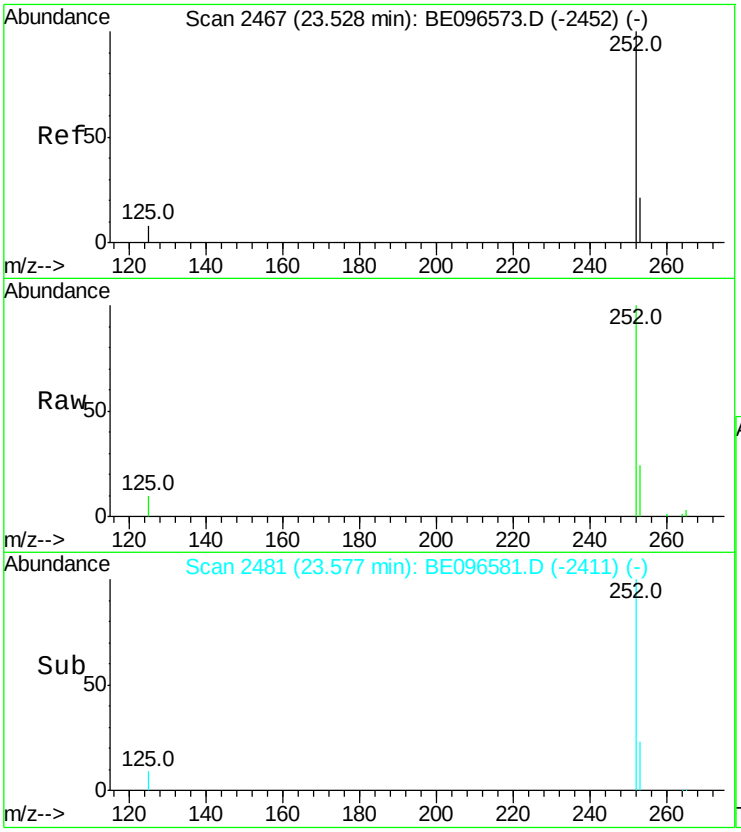


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:264 Resp: 3542

Ion	Ratio	Lower	Upper
264	100		
260	27.1	20.5	30.7
265	30.5	22.8	34.2



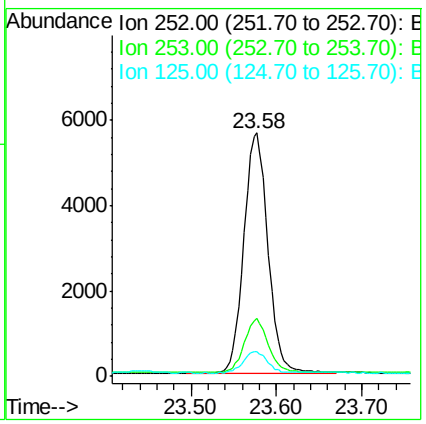


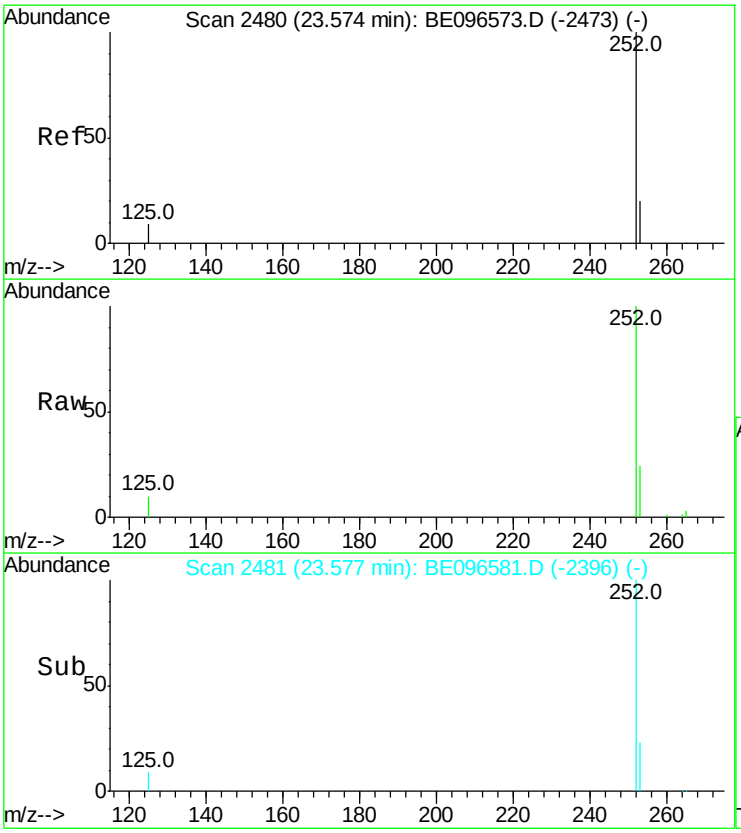
#35
Benzo(b)fluoranthene
Concen: 1.020 ng
RT: 23.58 min Scan# 2481
Delta R.T. 0.05 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11147

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	10.3	16.0	24.0#

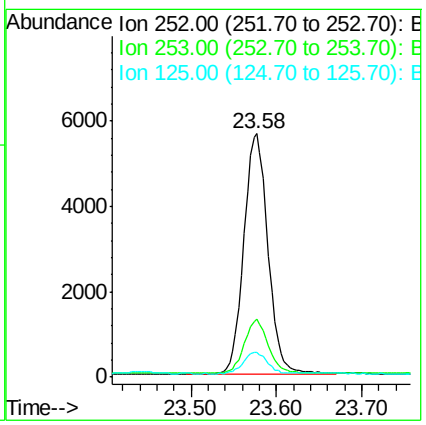


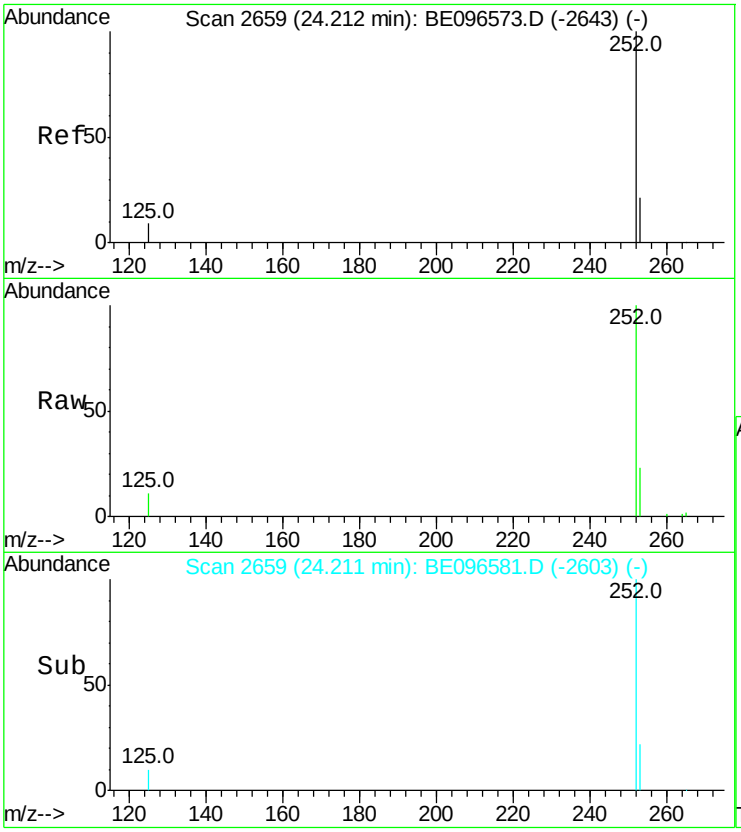


#36
Benzo(k)fluoranthene
Concen: 0.964 ng
RT: 23.58 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:252 Resp: 11147

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	10.3	8.0	12.0



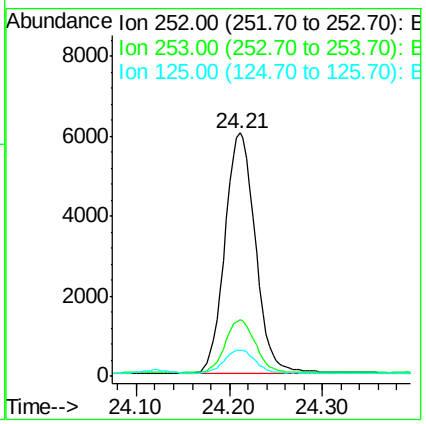


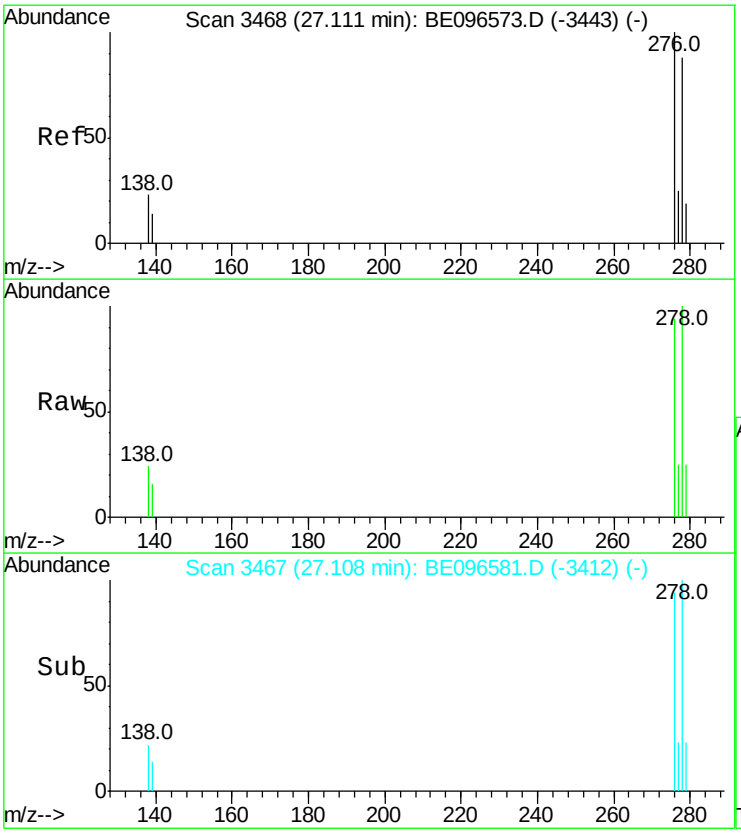
#37
Benzo(a)pyrene
Concen: 1.326 ng
RT: 24.21 min Scan# 2659
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13845

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.0	24.0
125	10.8	12.0	18.0#

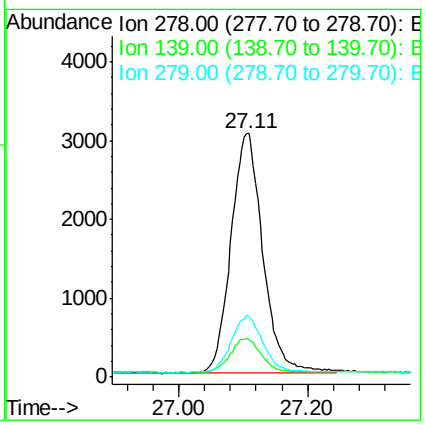


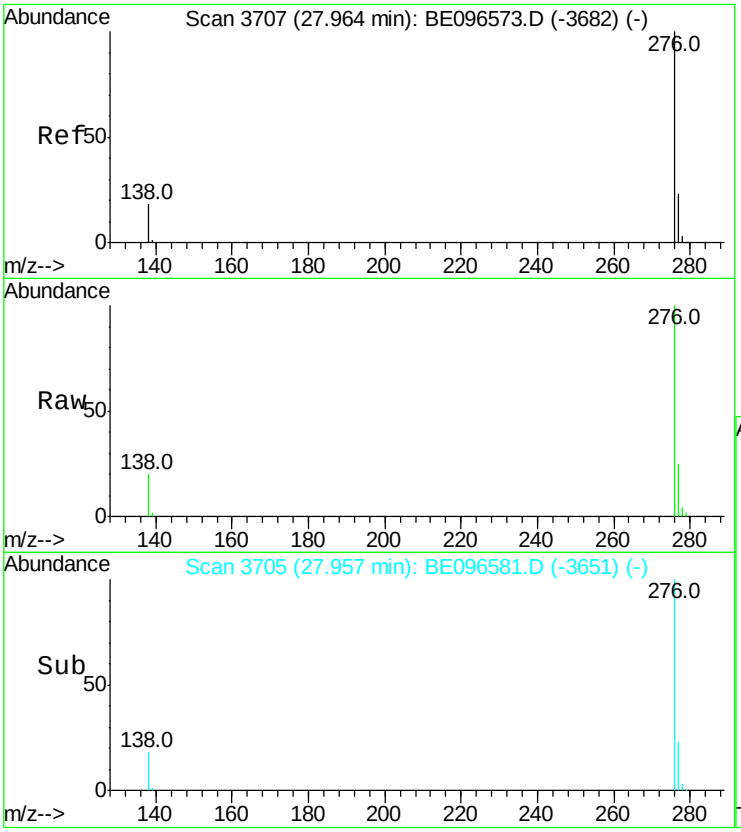


#38
Dibenzo(a,h)anthracene
Concen: 1.102 ng
RT: 27.11 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Tgt Ion:278 Resp: 10526

Ion	Ratio	Lower	Upper
278	100		
139	15.7	16.0	24.0#
279	24.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 1.153 ng
RT: 27.96 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BE096581.D
Acq: 15 May 2018 16:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11528

Ion	Ratio	Lower	Upper
276	100		
277	24.7	16.0	24.0#
138	19.6	20.0	30.0#