Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
Data File : BE096303.D
Acq On : 2 May 2018 20:45
Operator : SJ/JU
Sample : J2662-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 03 01:53:36 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	881	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3340	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1825	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4241	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4091	0.40	ng	0.00
34) Perylene-d12	24.35	264	3874	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	369	0.14	ng	0.01
5) Phenol-d6	7.52	99	309	0.08	ng	0.01
8) Nitrobenzene-d5	9.54	82	2004	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1838	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	263	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4026	0.52	ng	0.00
25) Fluoranthene-d10	19.63	212	20189	0.35	ng	0.00
29) Terphenyl-d14	20.19	244	4912	0.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	63	0.046	ng	# 1
22) Pentachlorophenol	17.31	266	4	0.139	ng	94
32) Bis(2-ethylhexyl)phthalate	21.60	149	1593	0.047	ng	98

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

Quantitation Report (Not Reviewed)

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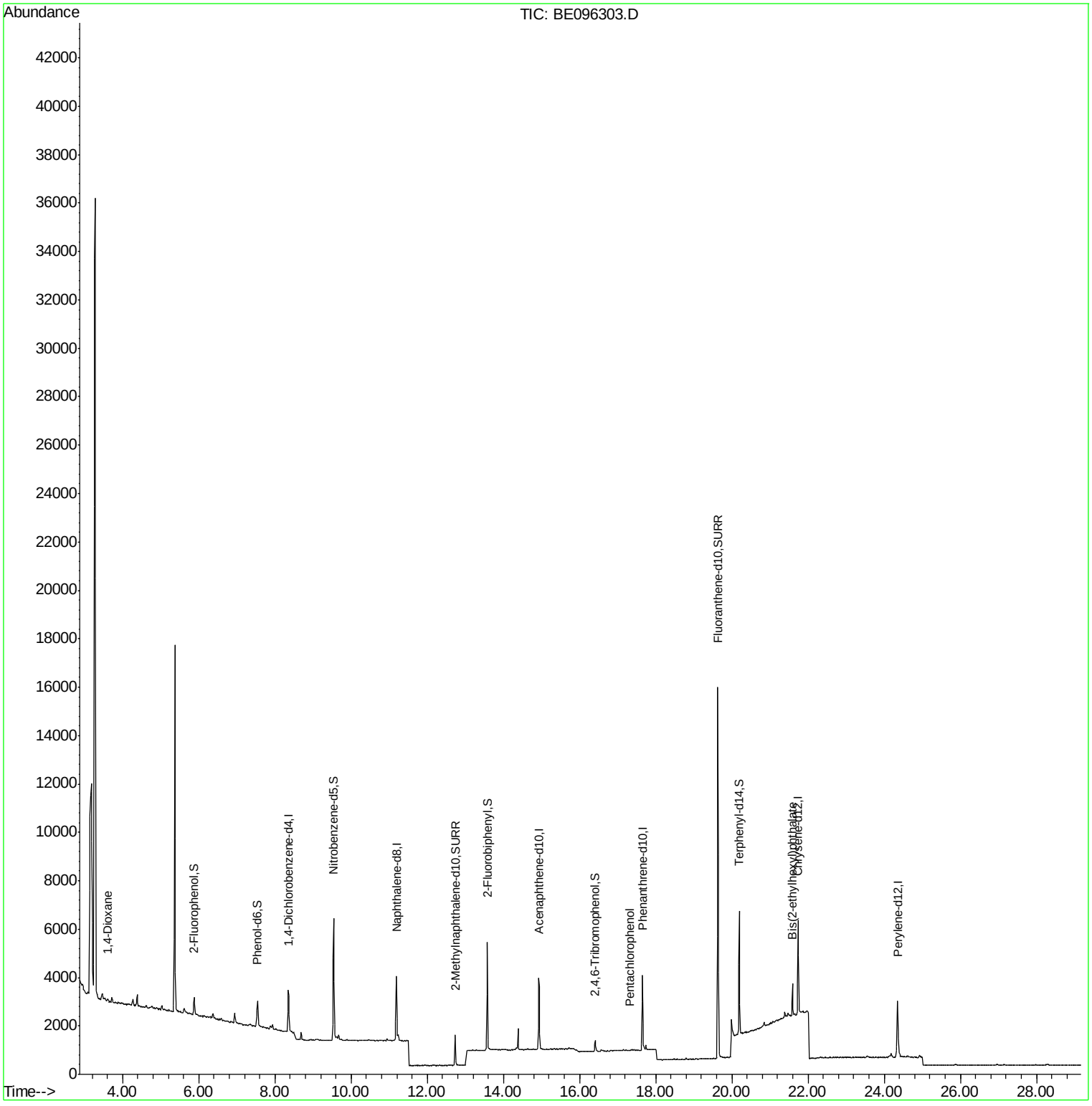
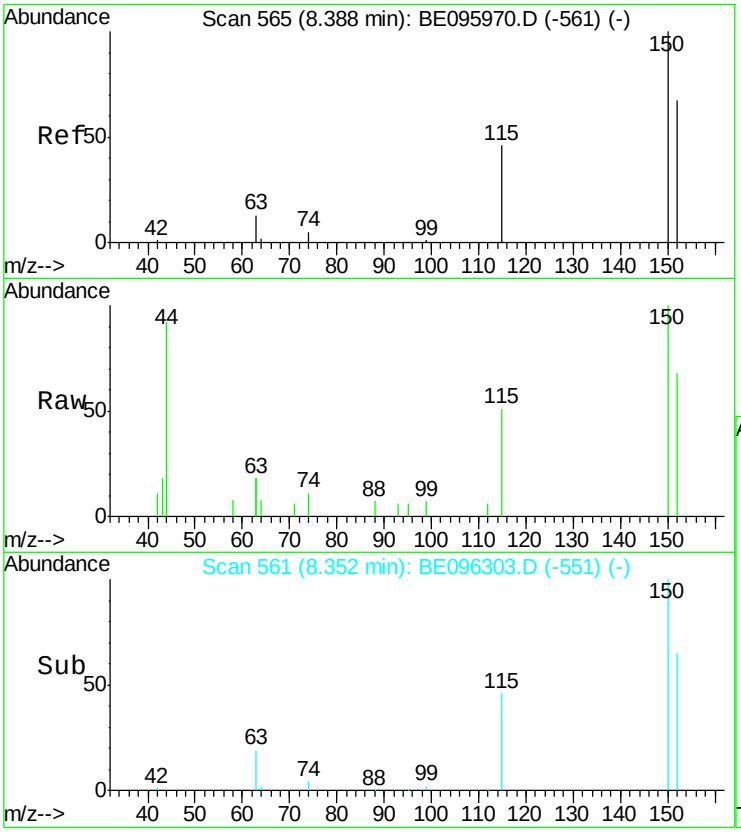


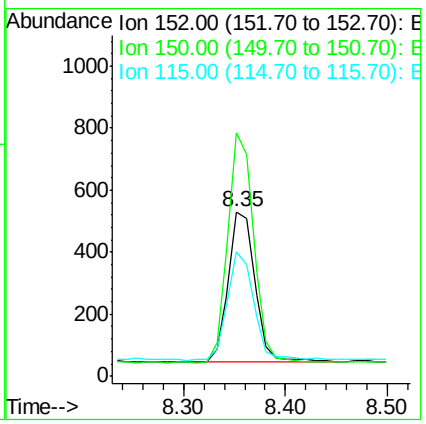


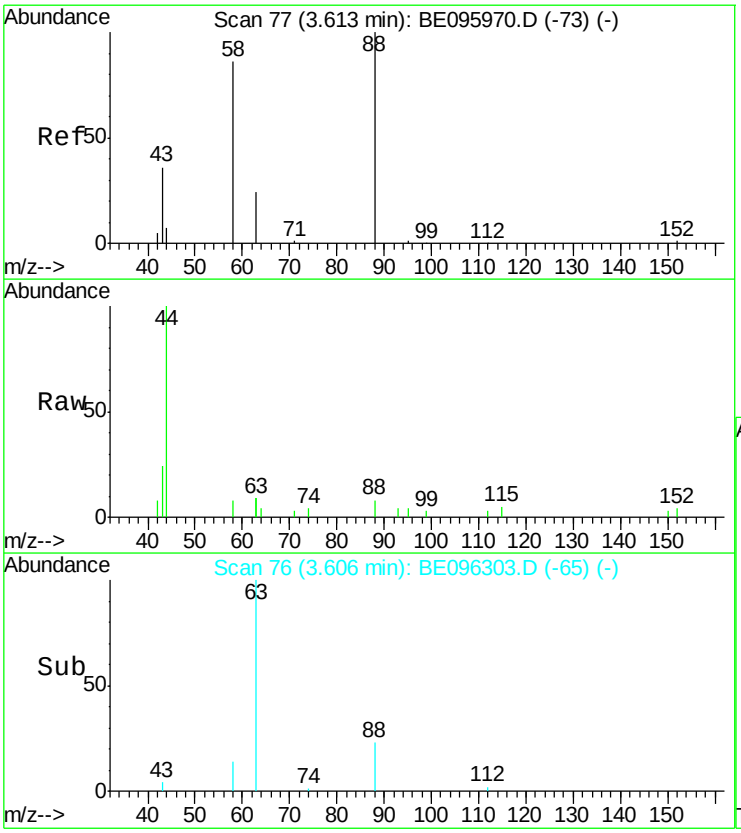
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. -0.01 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 881

Ion	Ratio	Lower	Upper
152	100		
150	147.8	117.2	175.8
115	75.3	57.0	85.6

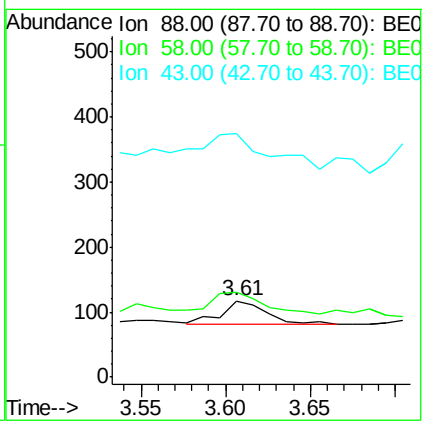


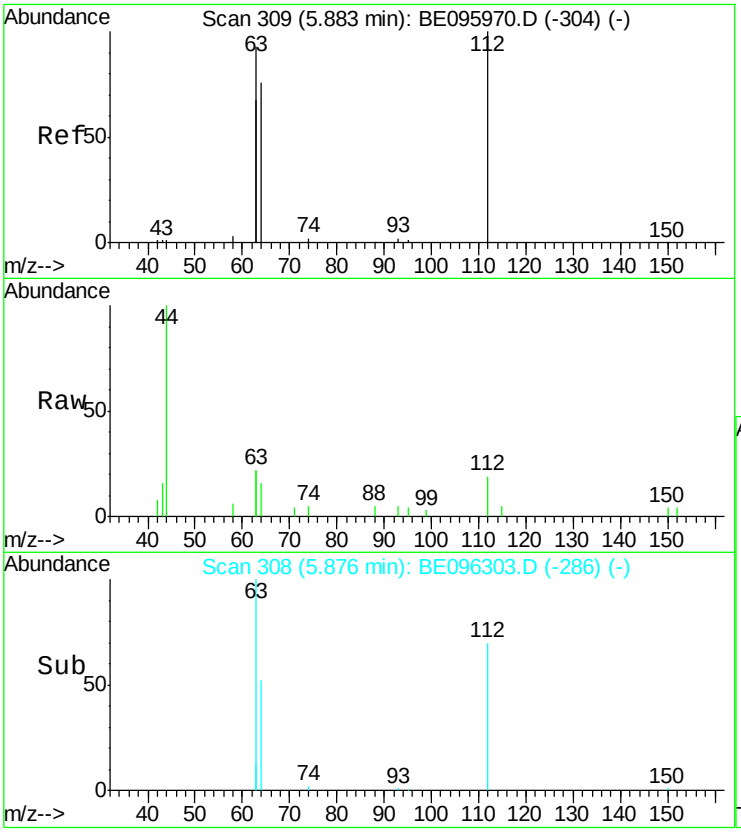


#2
1,4-Dioxane
Concen: 0.046 ng
RT: 3.61 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
58	103.2	63.2	94.8#
43	247.6	41.2	61.8#



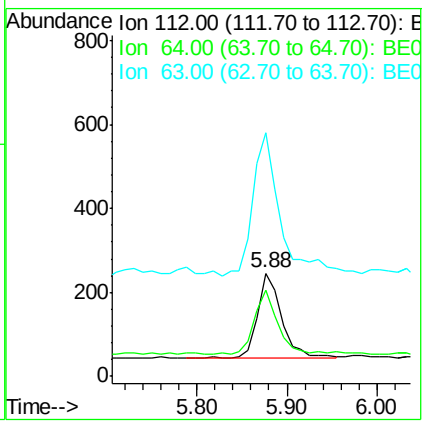


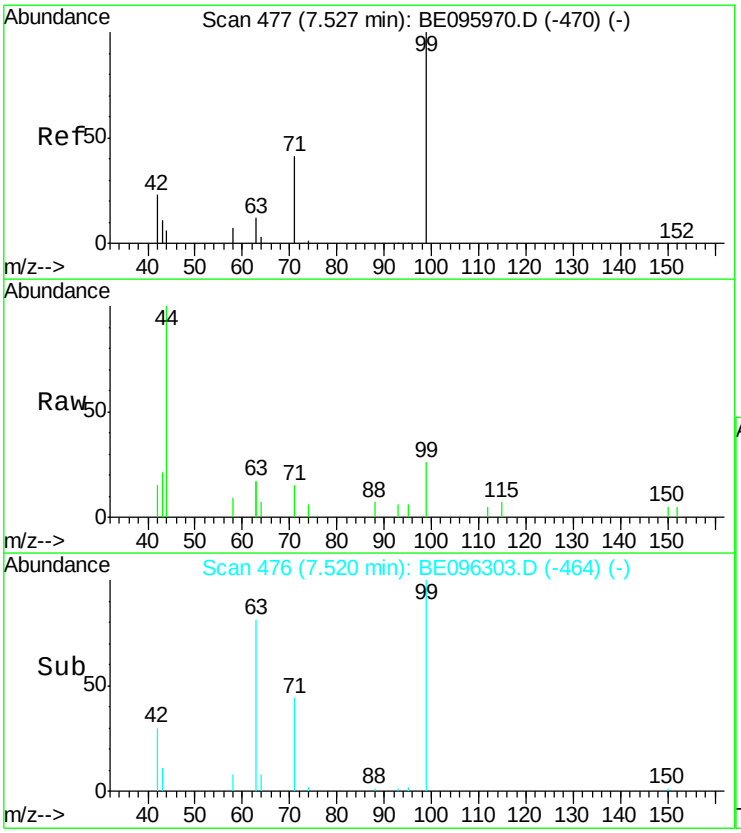
#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.88 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 369

Ion	Ratio	Lower	Upper
112	100		
64	74.3	60.1	90.1
63	195.1	116.8	175.2#

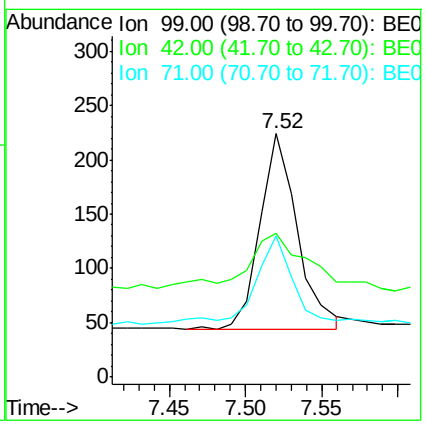


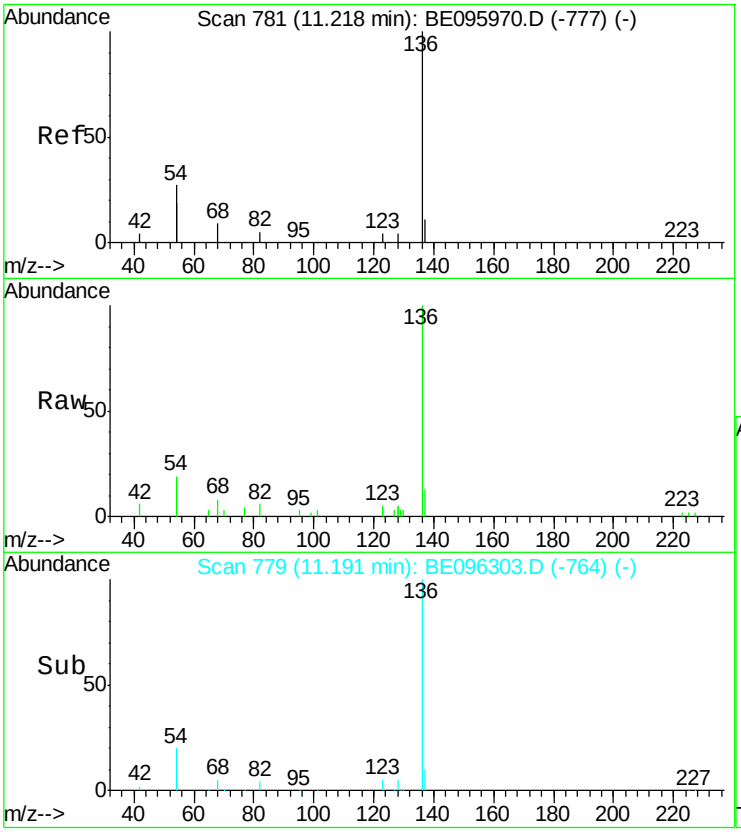


#5
Phenol-d6
Concen: 0.082 ng
RT: 7.52 min Scan# 476
Delta R.T. 0.01 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Tgt Ion: 99 Resp: 309

Ion	Ratio	Lower	Upper
99	100		
42	42.4	20.2	30.2#
71	44.7	28.4	42.6#



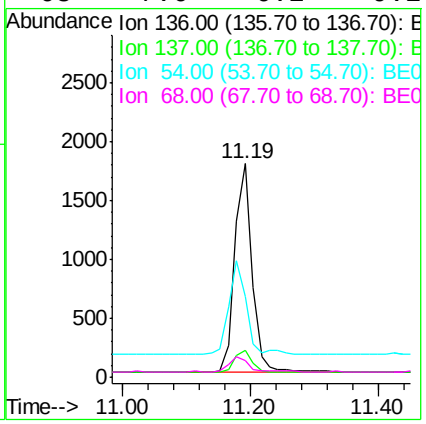


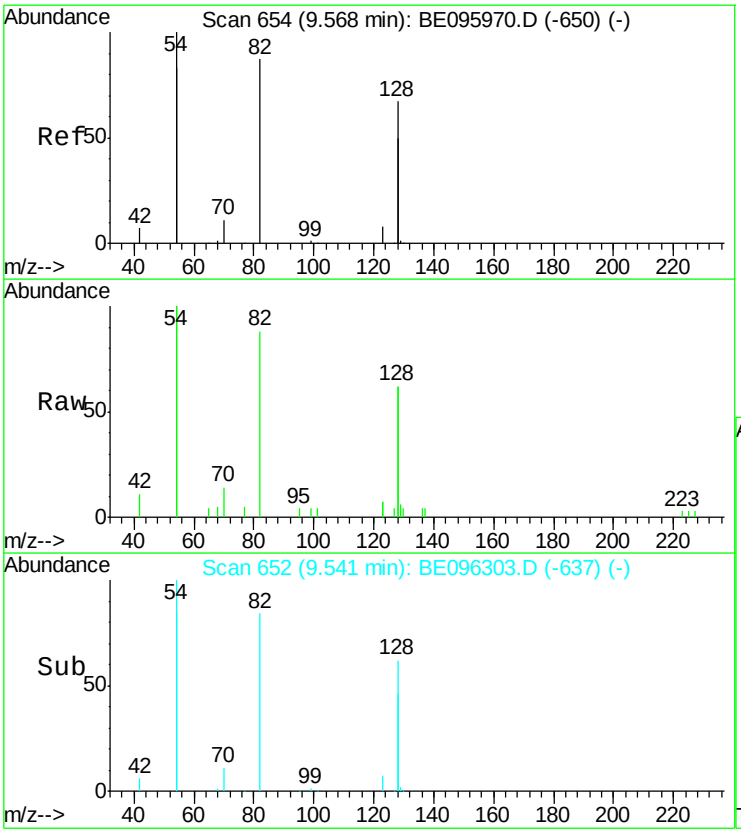
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3340

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	38.1	29.1	43.7
68	7.6	6.2	9.2

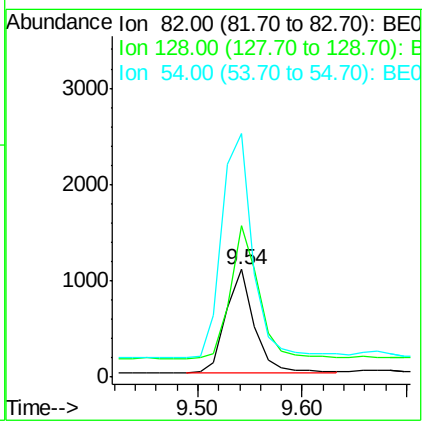


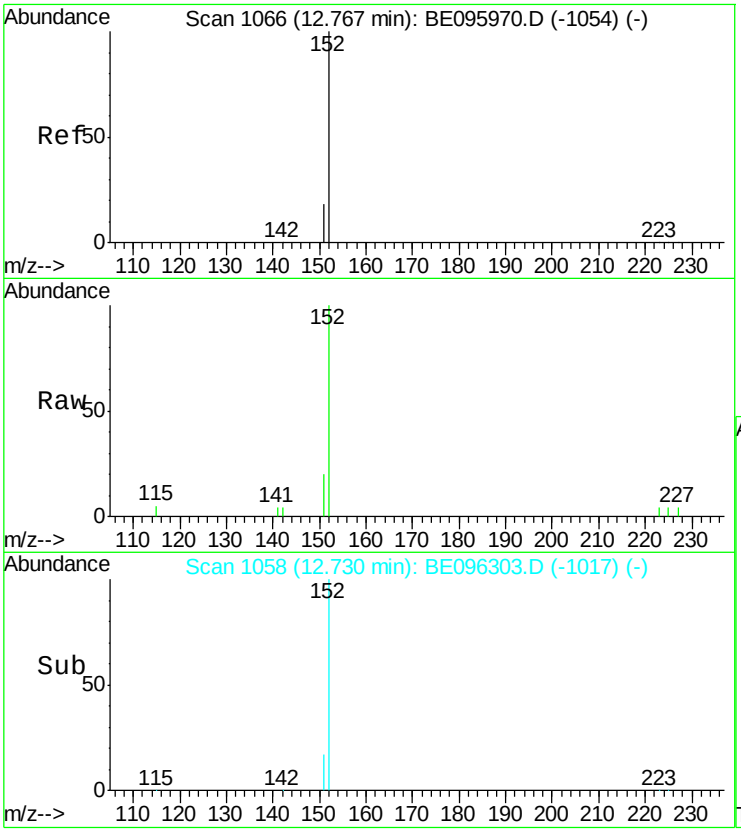


#8
Nitrobenzene-d5
Concen: 0.512 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Tgt Ion: 82 Resp: 2004

Ion	Ratio	Lower	Upper
82	100		
128	140.8	150.0	225.0#
54	226.9	154.2	231.4



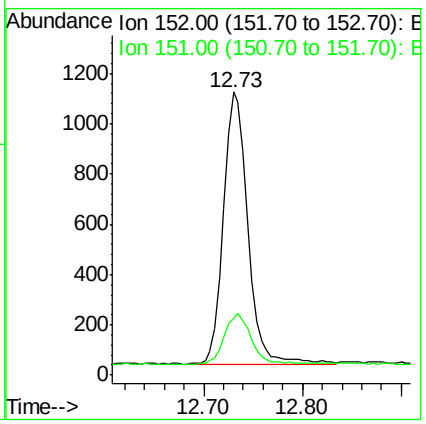


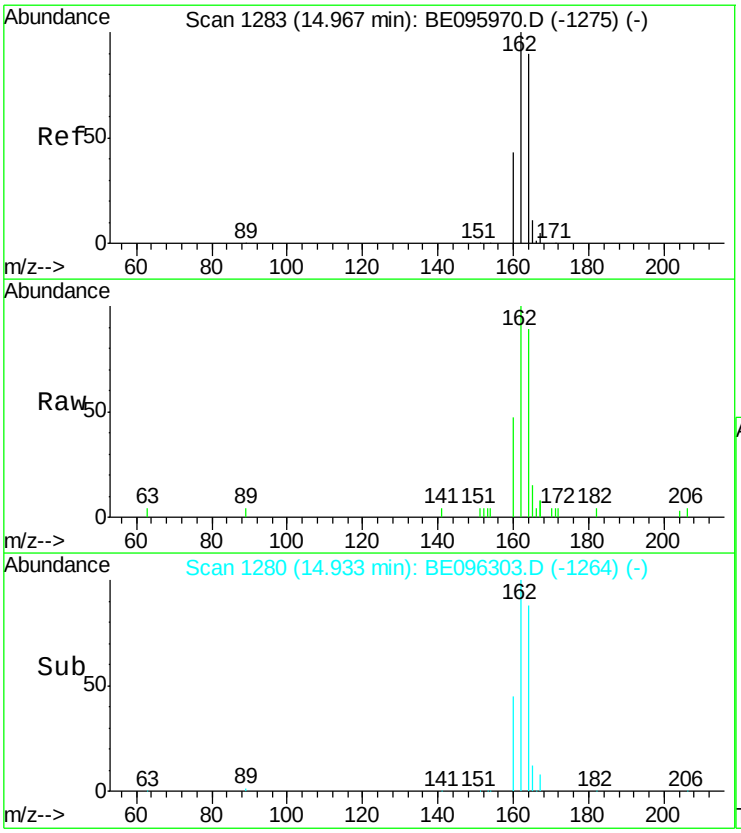
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1838

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0

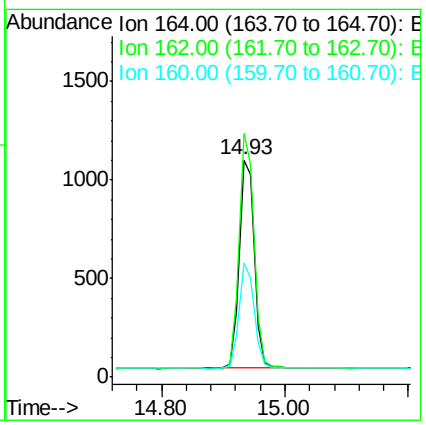


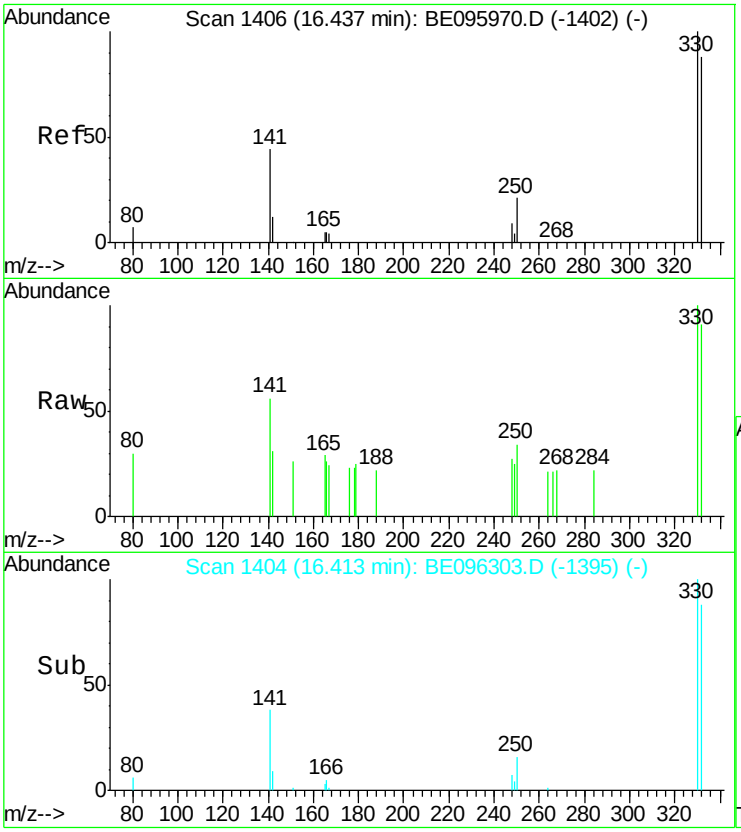


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Tgt Ion:164 Resp: 1825

Ion	Ratio	Lower	Upper
164	100		
162	112.4	83.1	124.7
160	52.5	37.1	55.7



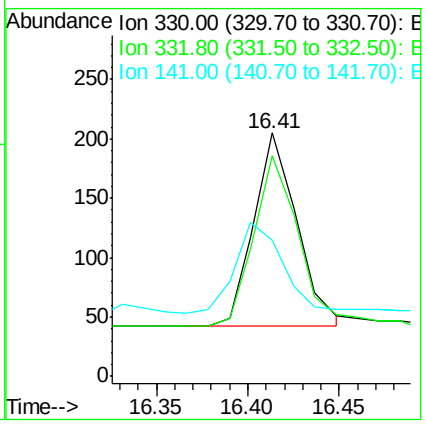


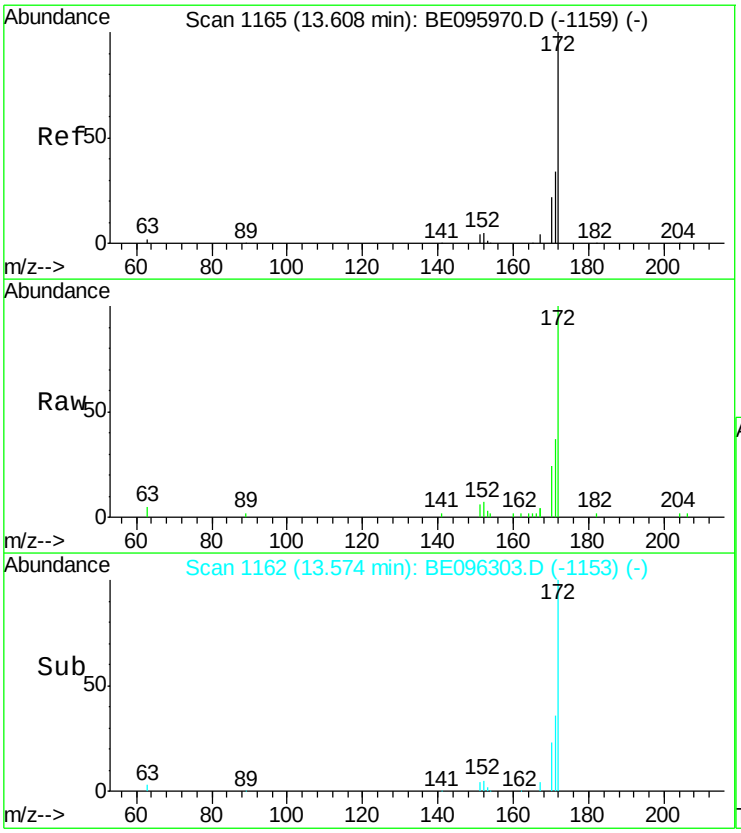
#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 263

Ion	Ratio	Lower	Upper
330	100		
332	92.4	152.7	229.1#
141	53.6	33.7	50.5#

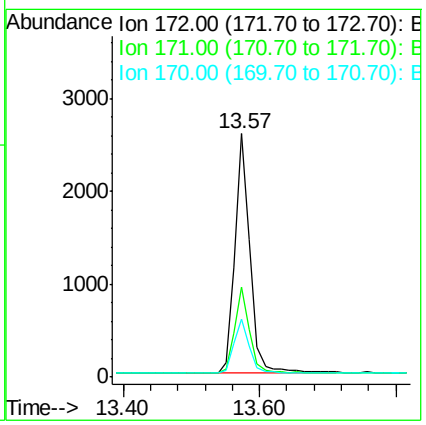


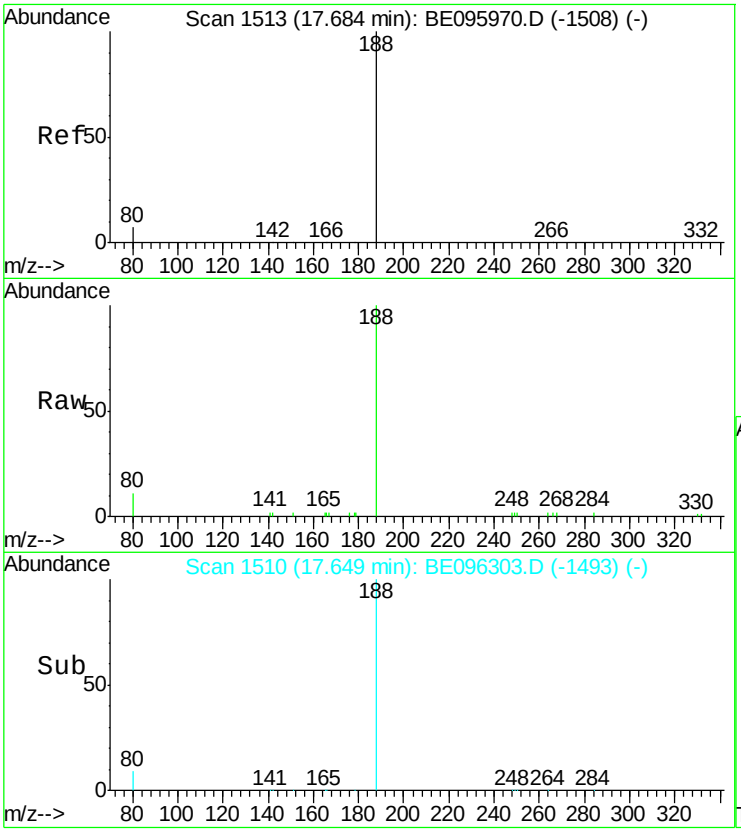


#15
2-Fluorobiphenyl
Concen: 0.516 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Tgt Ion:172 Resp: 4026

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	23.9	21.8	32.8



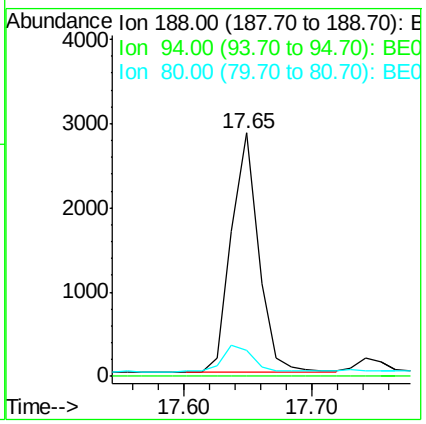


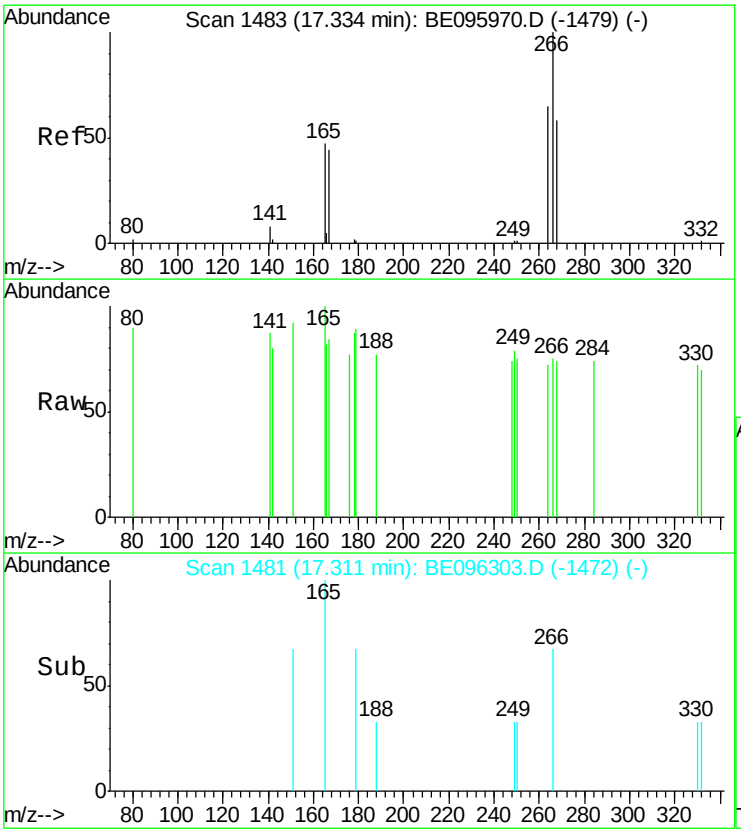
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4241

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.6	3.6	5.4#

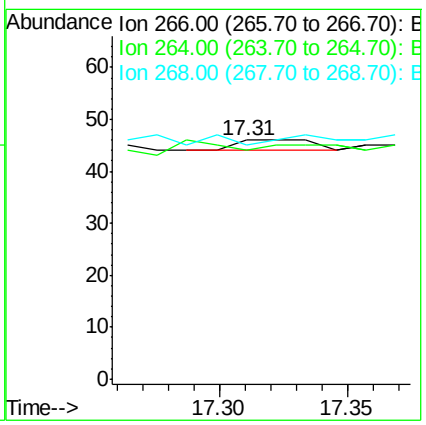


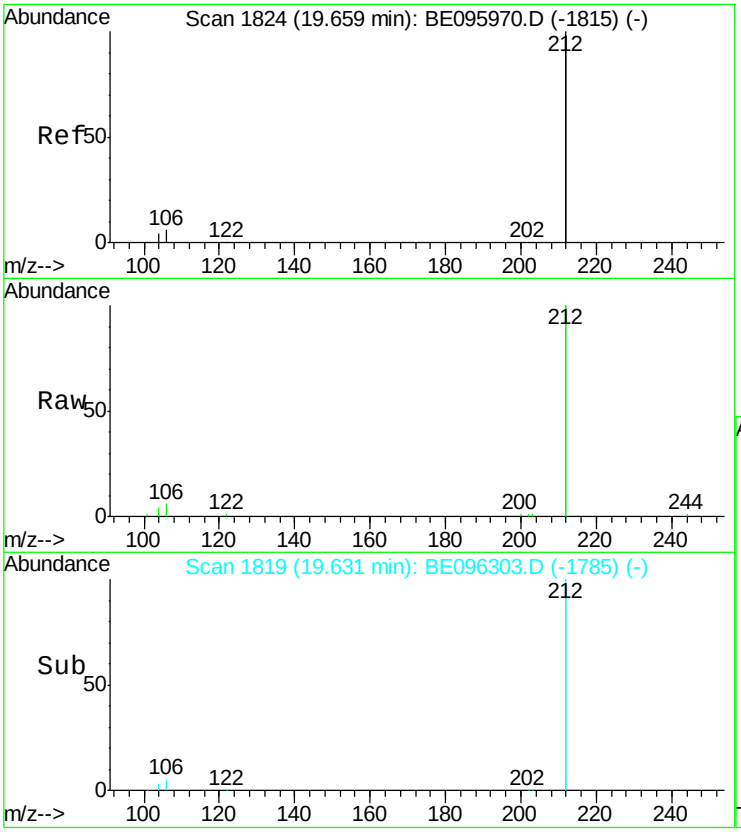


#22
Pentachlorophenol
Concen: 0.139 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	95.7	72.5	108.7
268	97.8	73.8	110.6



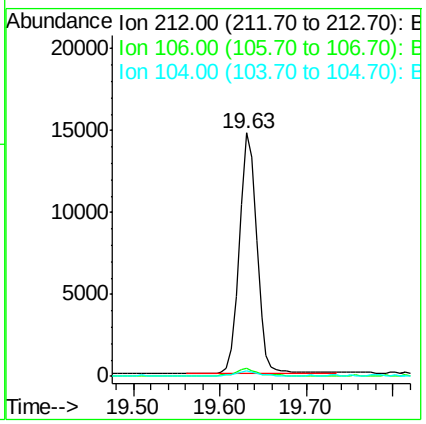


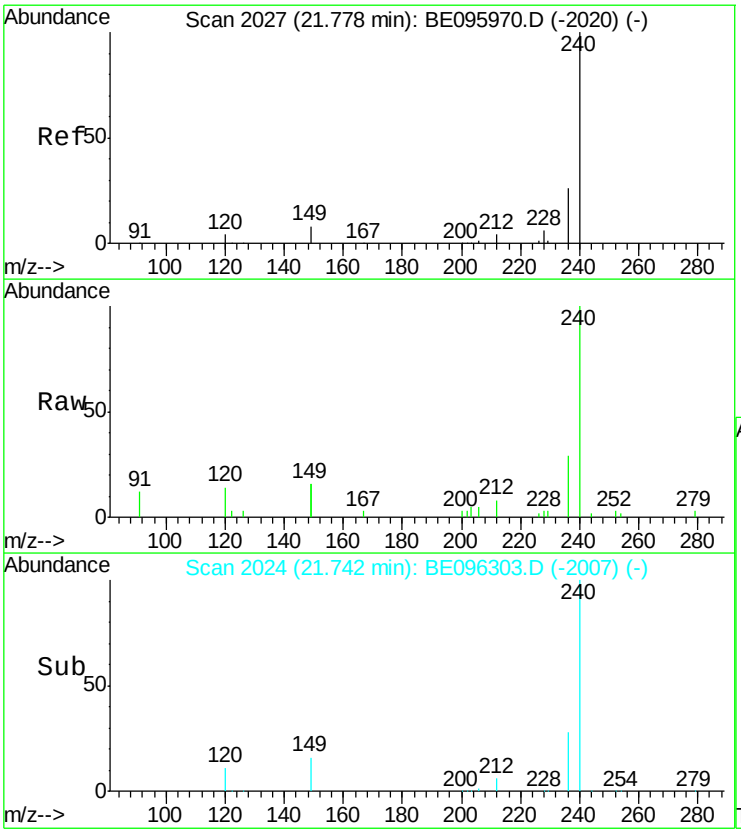
#25
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.63 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 20189

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

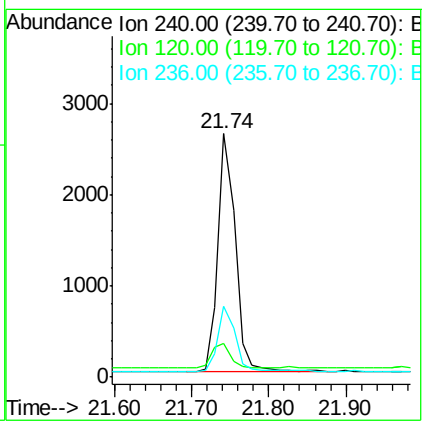


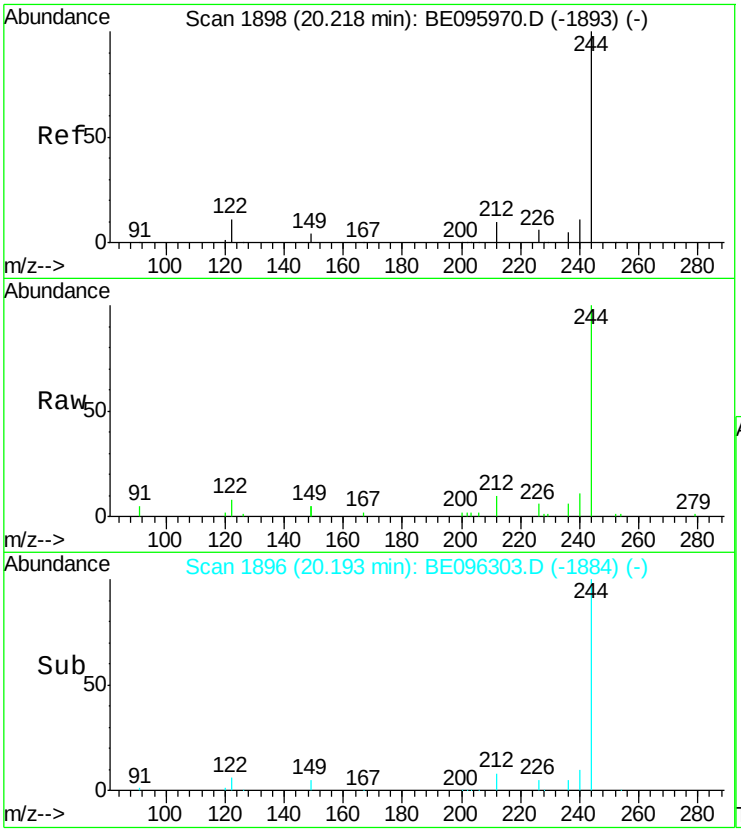


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Tgt Ion:240 Resp: 4091

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.5	8.3#
236	29.3	20.7	31.1



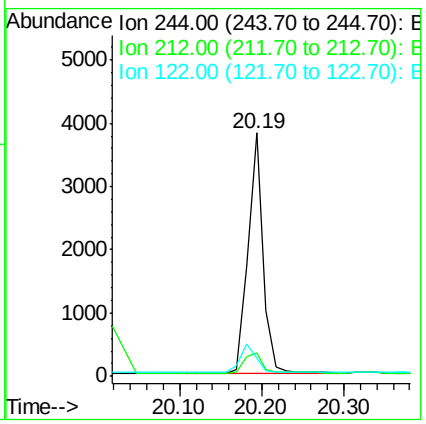


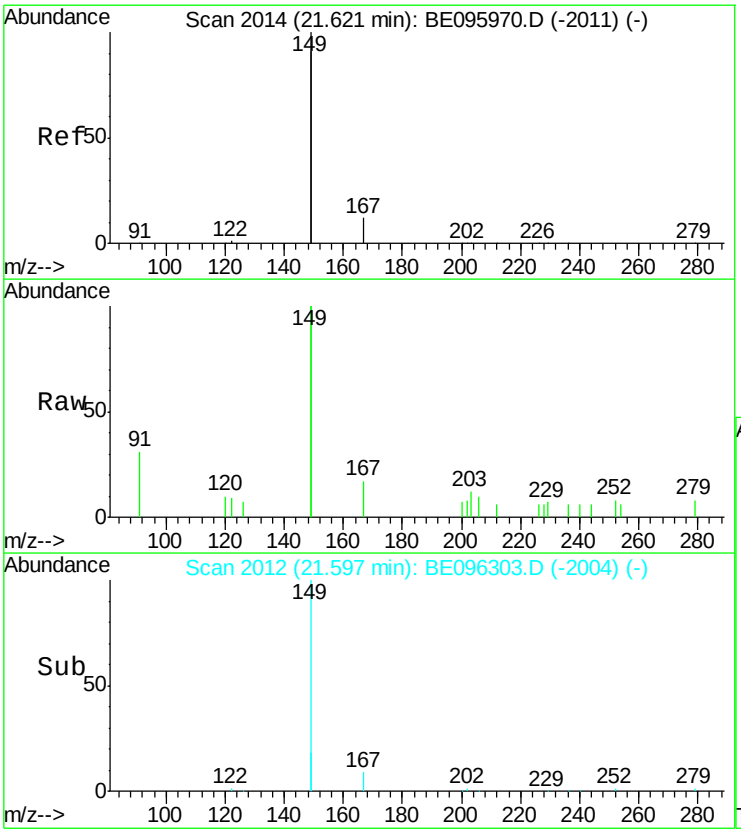
#29
Terphenyl-d14
Concen: 0.543 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4912

Ion	Ratio	Lower	Upper
244	100		
212	9.5	25.4	38.0#
122	7.7	8.1	12.1#

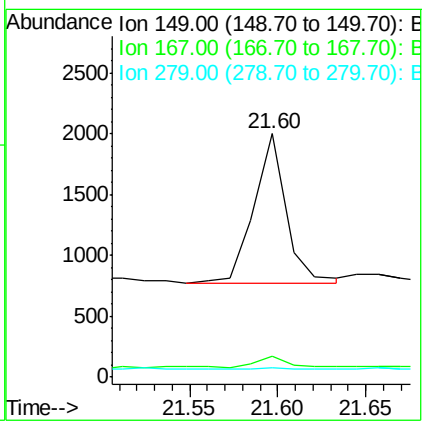


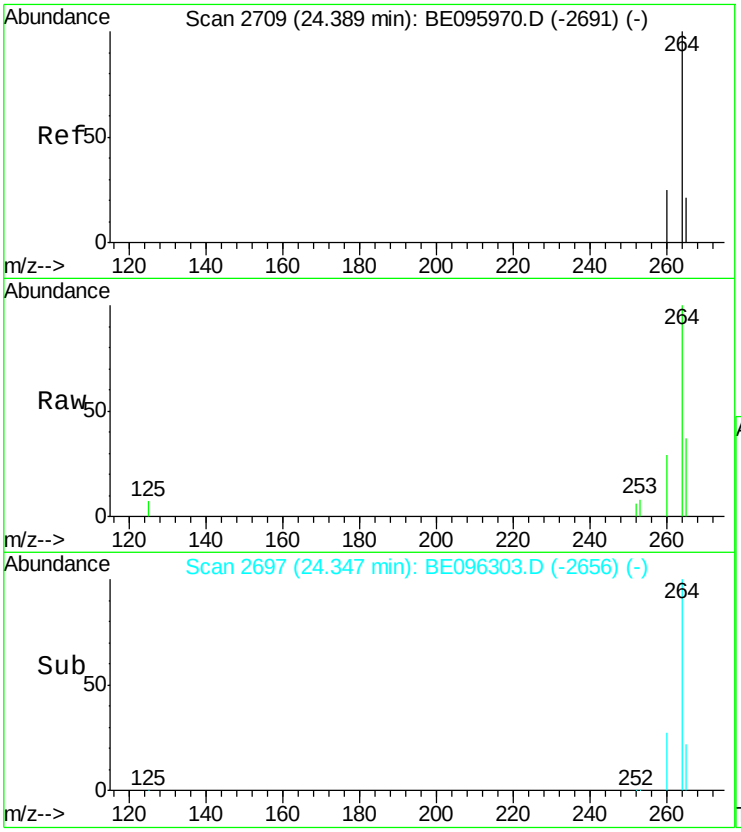


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.047 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Tgt Ion:149 Resp: 1593

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.4	8.0
279	0.8	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE096303.D
Acq: 2 May 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 3874

Ion	Ratio	Lower	Upper
264	100		
260	28.9	20.5	30.7
265	37.3	22.8	34.2#