Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097621.D
Acq On : 21 Sep 2018 20:58
Operator : SJ/JU
Sample : J4954-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 22 04:09:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	614	0.40	ng	0.01
7) Naphthalene-d8	10.16	136	2831	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	1788	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	6134	0.40	ng	0.00
27) Chrysene-d12	20.98	240	7771	0.40	ng	0.01
34) Perylene-d12	23.21	264	7508	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	305	0.17	ng	0.01
5) Phenol-d6	6.58	99	7	0.00	ng	-0.02
8) Nitrobenzene-d5	8.59	82	591	0.27	ng	0.06
11) 2-Methylnaphthalene-d10	11.75	152	1840	0.47	ng	0.04
14) 2,4,6-Tribromophenol	15.52	330	463	0.62	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	3614	0.57	ng	0.02
25) Fluoranthene-d10	18.80	212	34996	0.45	ng	0.00
29) Terphenyl-d14	19.41	244	9631	0.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	75	0.034	ng	# 1
22) Pentachlorophenol	16.48	266	14	0.140	ng	96
32) Bis(2-ethylhexyl)phthalate	20.89	149	785	0.034	ng	# 98
37) Benzo(a)pyrene	23.13	252	16	0.021	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097621.D
Acq On : 21 Sep 2018 20:58
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ALS Vial : 14 Sample Multiplier: 1

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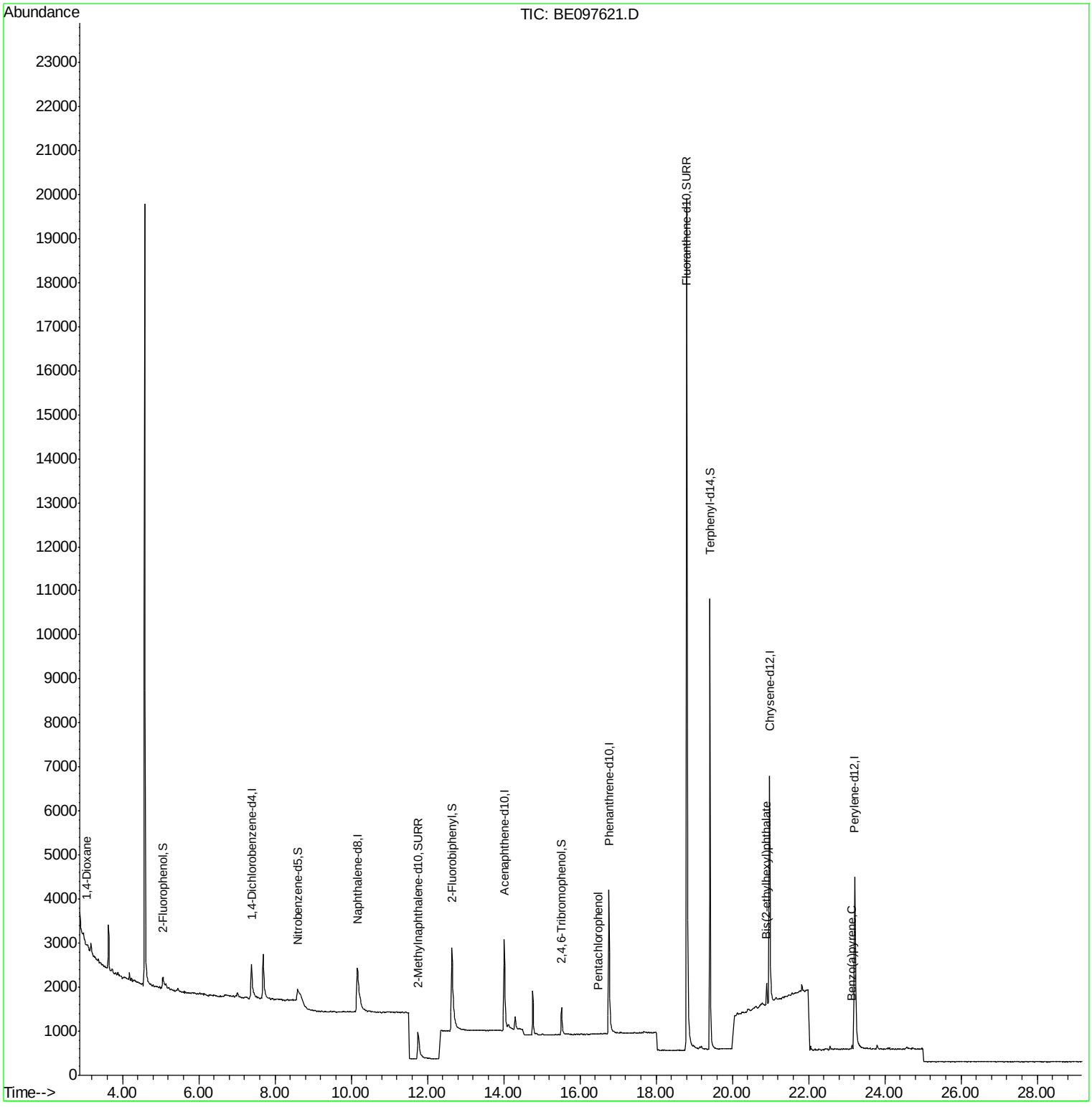
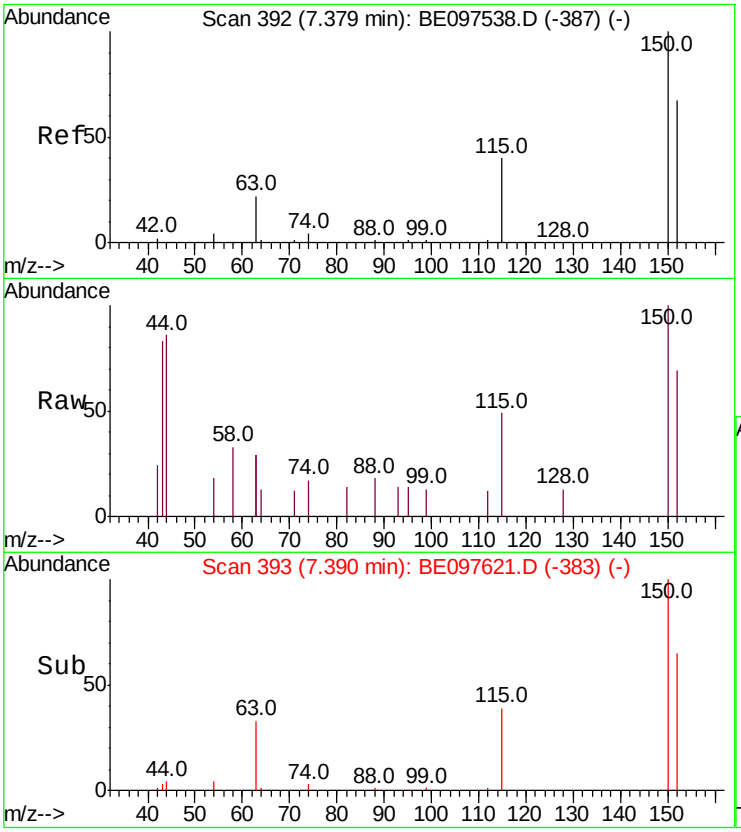
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration



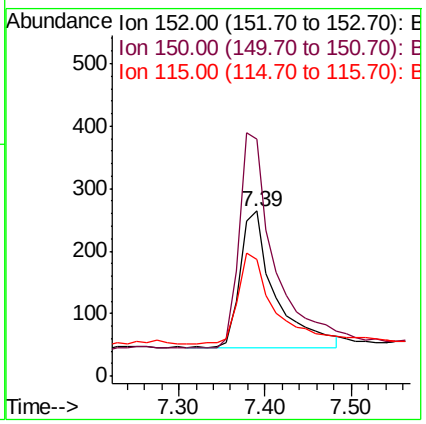


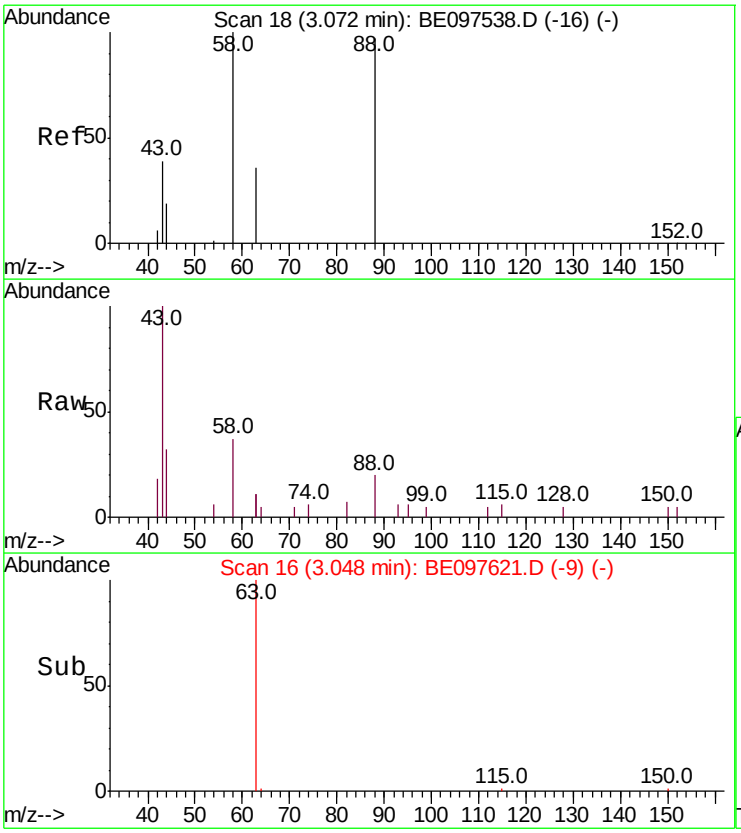
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 614

Ion	Ratio	Lower	Upper
152	100		
150	143.9	117.2	175.8
115	70.5	57.0	85.6

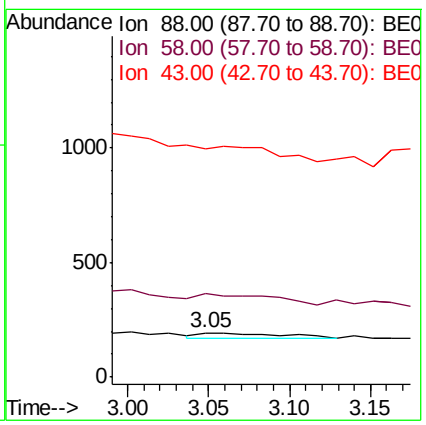


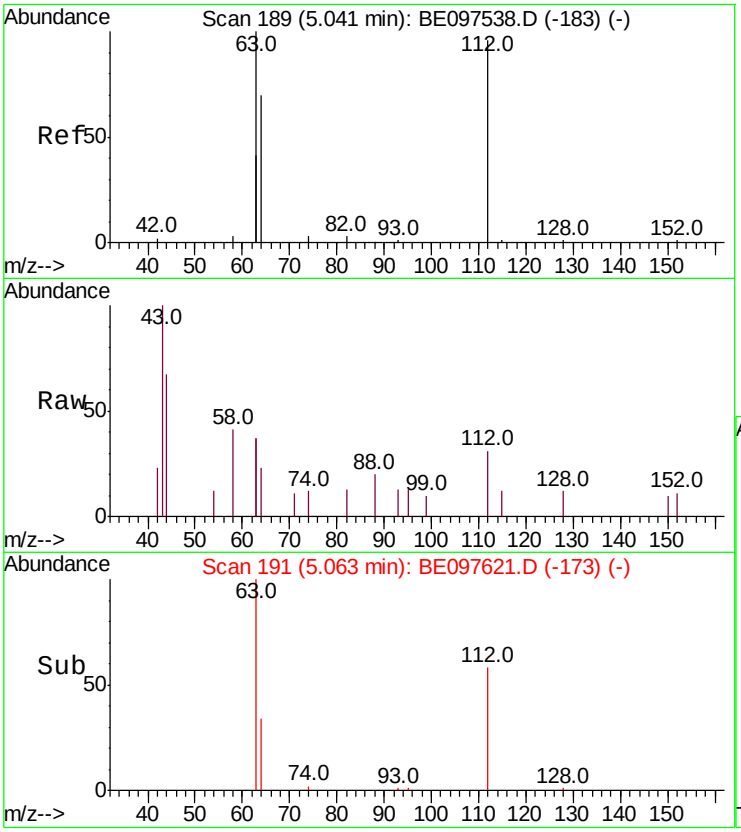


#2
1,4-Dioxane
Concen: 0.034 ng
RT: 3.05 min Scan# 16
Delta R.T. -0.02 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
58	201.3	63.2	94.8#
43	0.0	41.2	61.8#



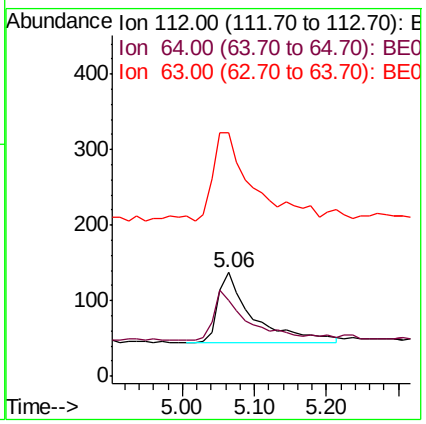


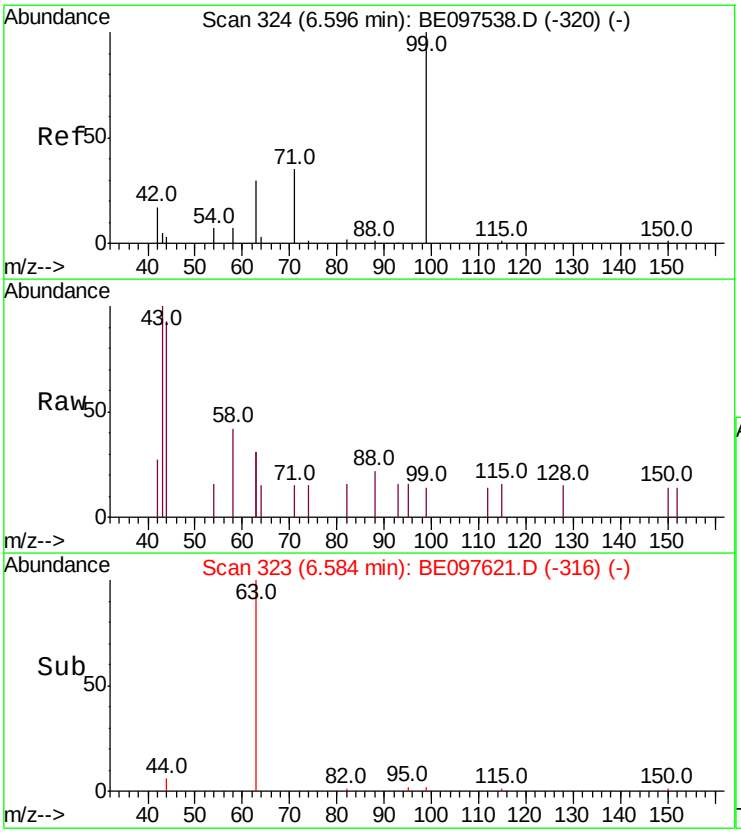
#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 305

Ion	Ratio	Lower	Upper
112	100		
64	68.9	60.1	90.1
63	143.9	116.8	175.2

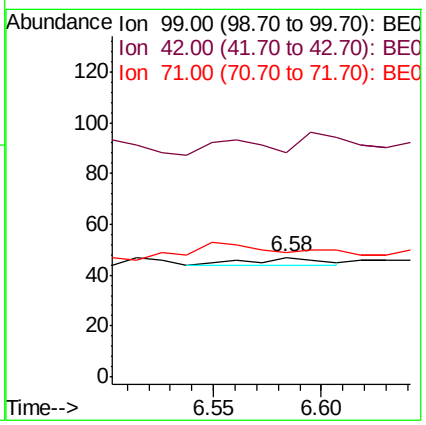


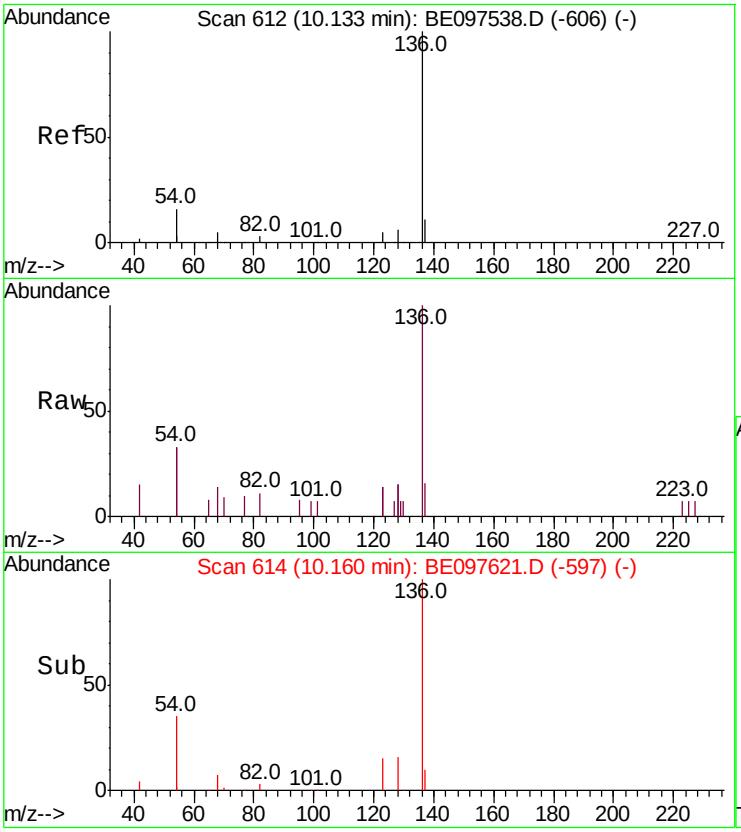


#5
Phenol-d6
Concen: 0.003 ng
RT: 6.58 min Scan# 323
Delta R.T. -0.02 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Tgt Ion: 99 Resp: 7

Ion	Ratio	Lower	Upper
99	100		
42	185.7	20.2	30.2#
71	0.0	28.4	42.6#



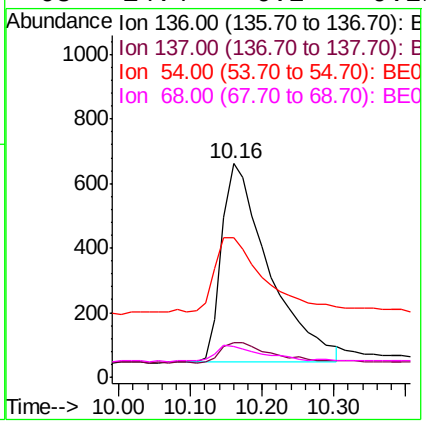


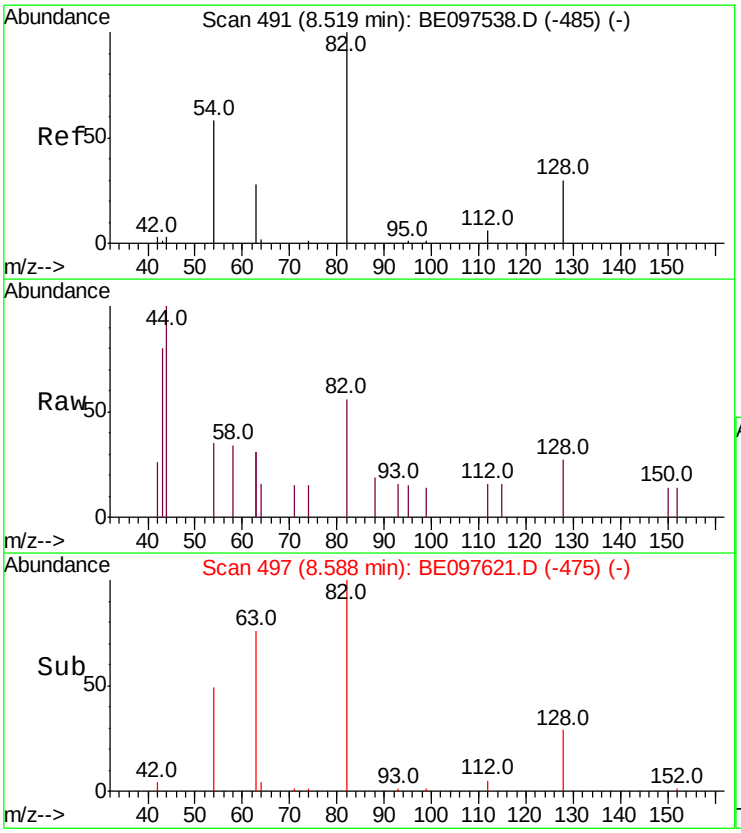
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.03 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2831

Ion	Ratio	Lower	Upper
136	100		
137	16.5	9.5	14.3#
54	65.3	29.1	43.7#
68	14.4	6.2	9.2#

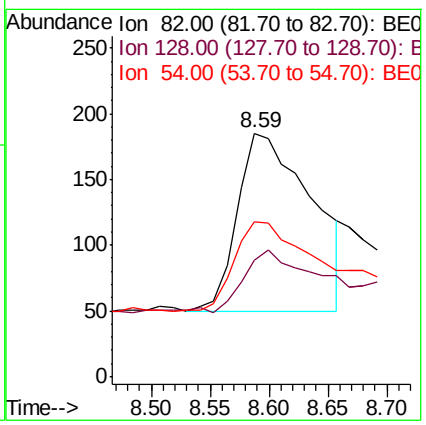


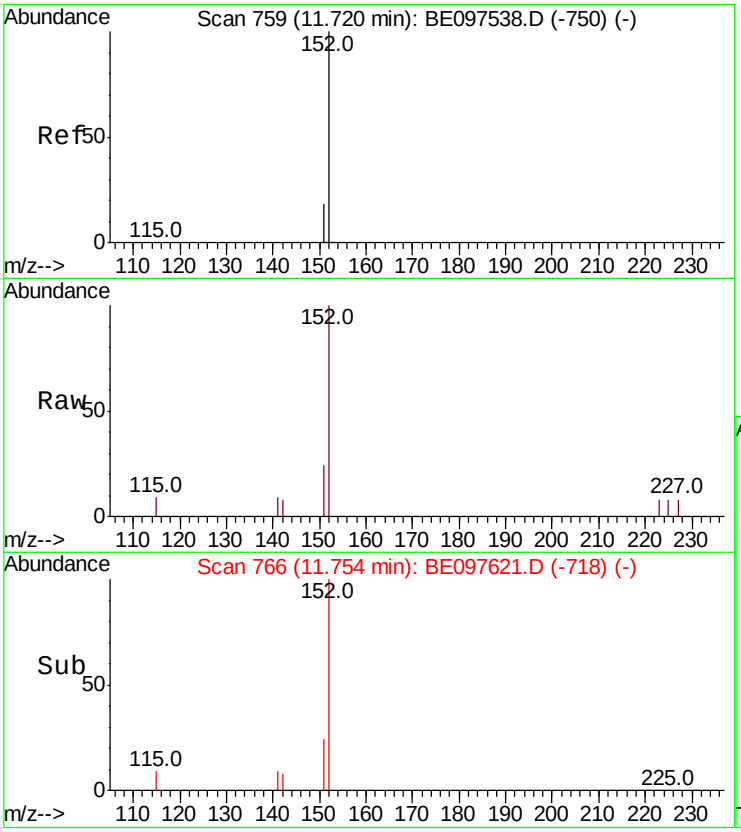


#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.59 min Scan# 497
Delta R.T. 0.06 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Tgt Ion: 82 Resp: 591

Ion	Ratio	Lower	Upper
82	100		
128	48.1	24.0	36.0#
54	63.8	40.0	60.0#



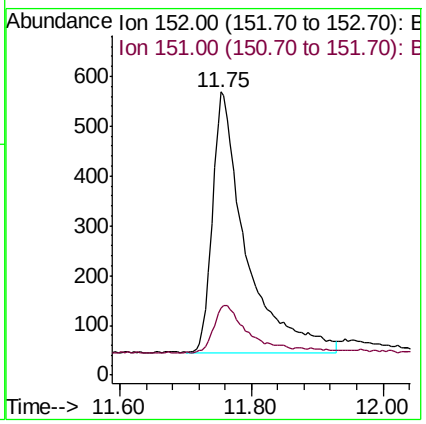


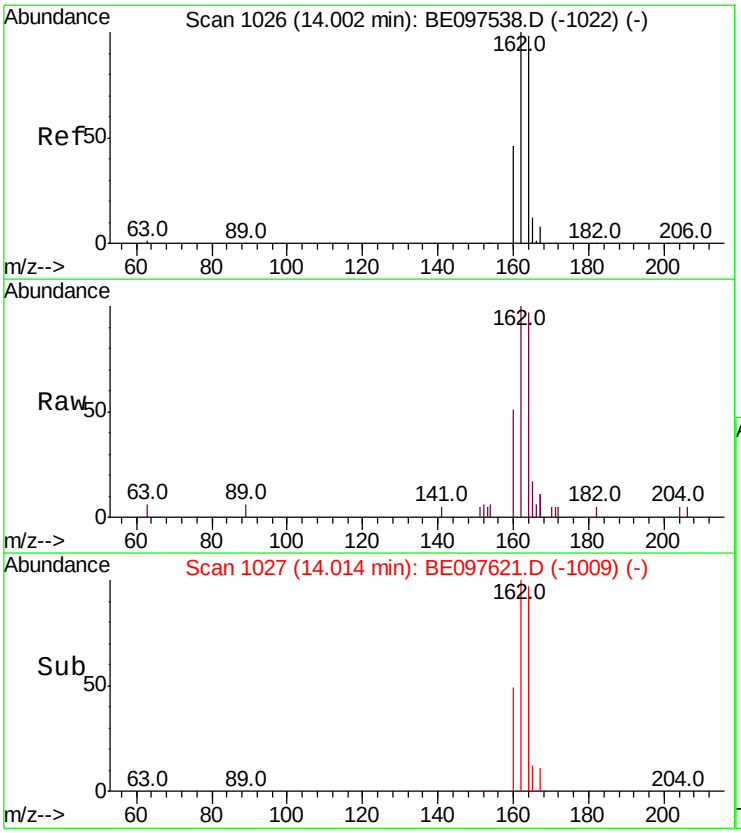
#11
2-Methylnaphthalene-d10
Concen: 0.472 ng
RT: 11.75 min Scan# 766
Delta R.T. 0.04 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1840

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.4	23.0

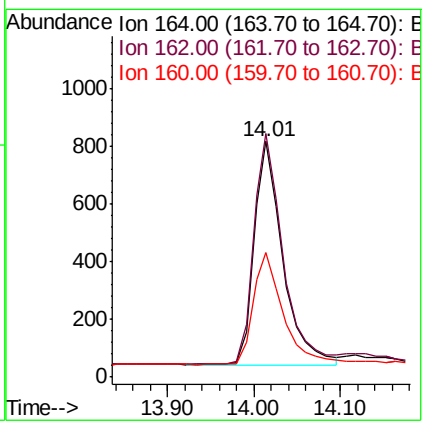


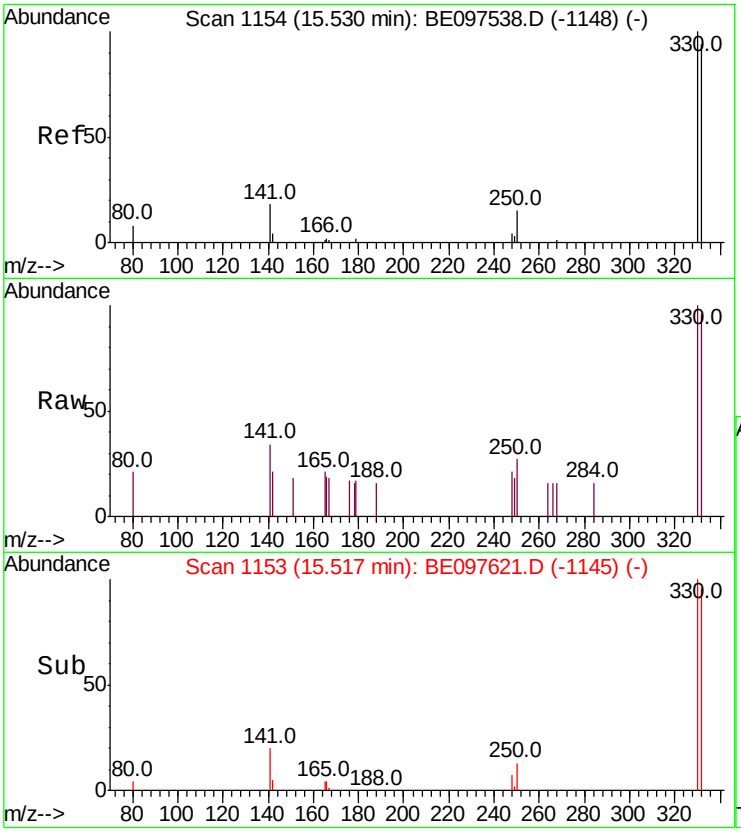


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Tgt Ion:164 Resp: 1788

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.1	124.7
160	53.0	37.1	55.7



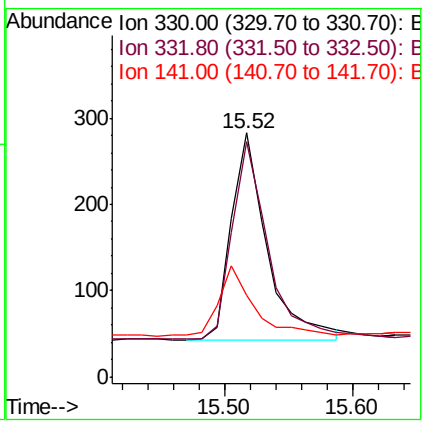


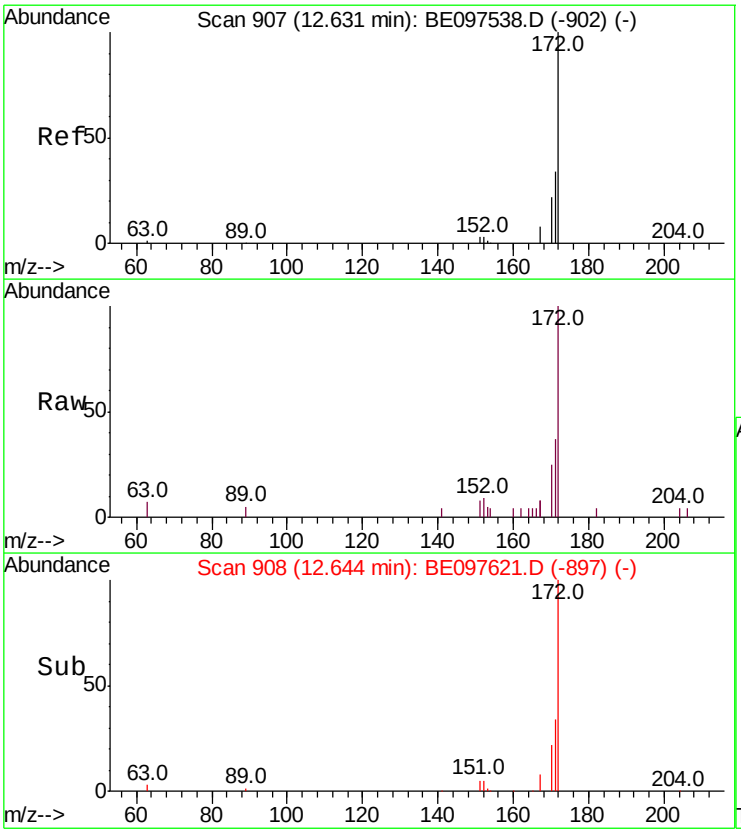
#14
2,4,6-Tribromophenol
Concen: 0.618 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 463

Ion	Ratio	Lower	Upper
330	100		
332	96.1	152.7	229.1#
141	30.7	33.7	50.5#

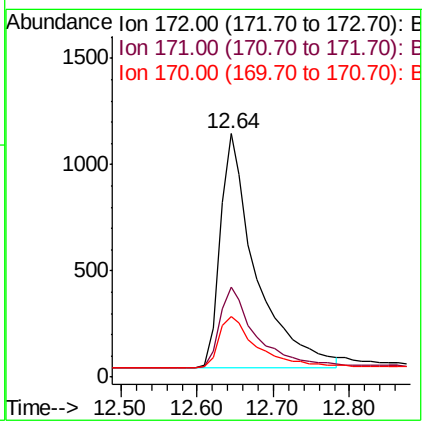


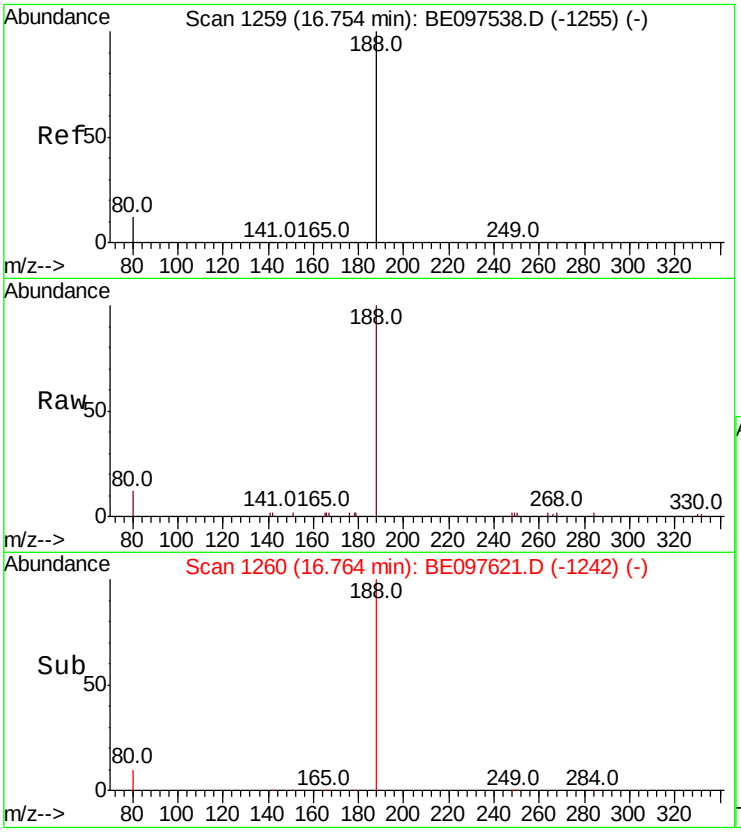


#15
2-Fluorobiphenyl
Concen: 0.572 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.02 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Tgt Ion:172 Resp: 3614

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.9	21.8	32.8



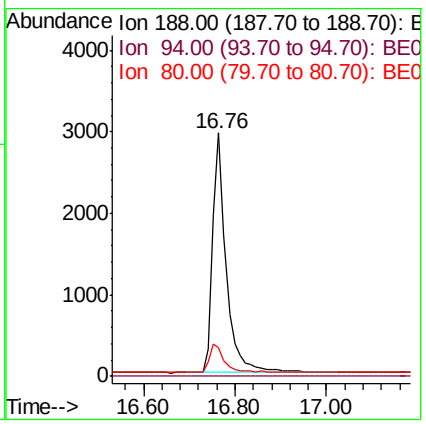


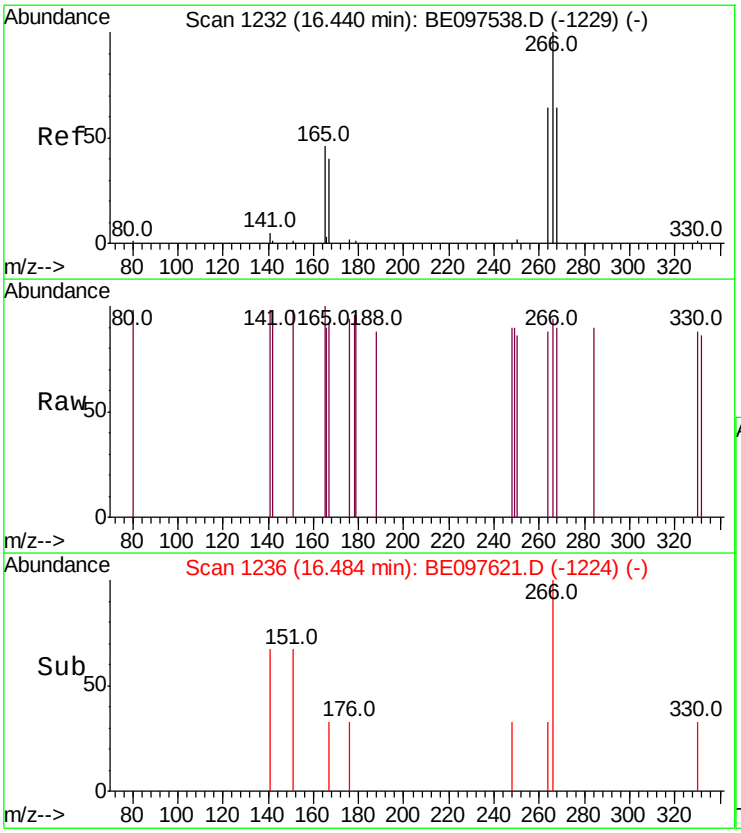
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6134

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.9	3.6	5.4#

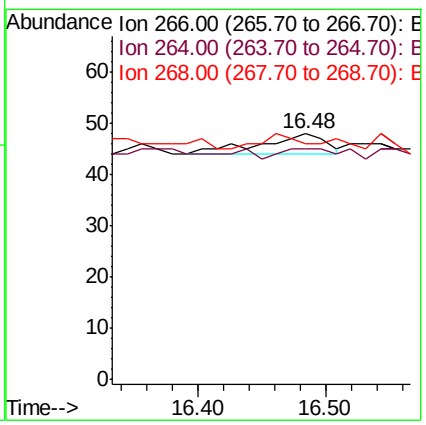


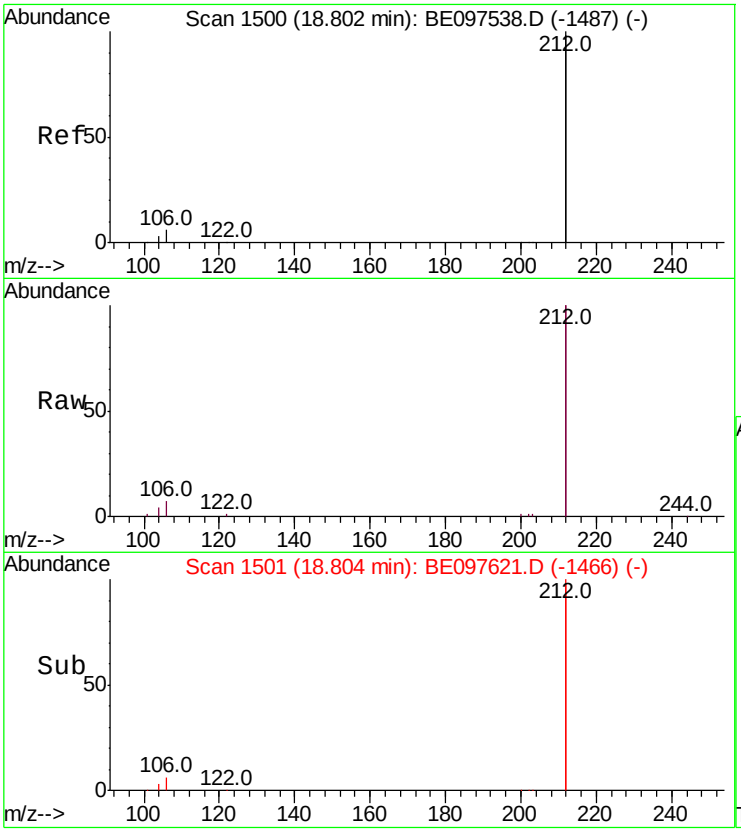


#22
Pentachlorophenol
Concen: 0.140 ng
RT: 16.48 min Scan# 1236
Delta R.T. 0.04 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	93.8	72.5	108.7
268	95.8	73.8	110.6



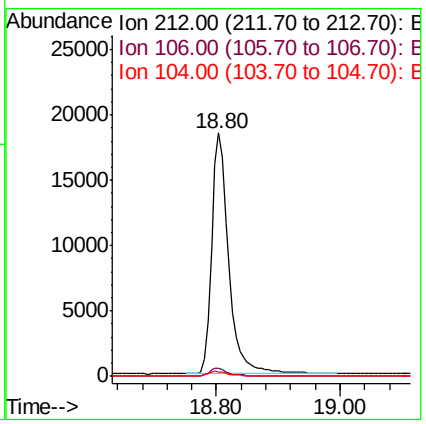


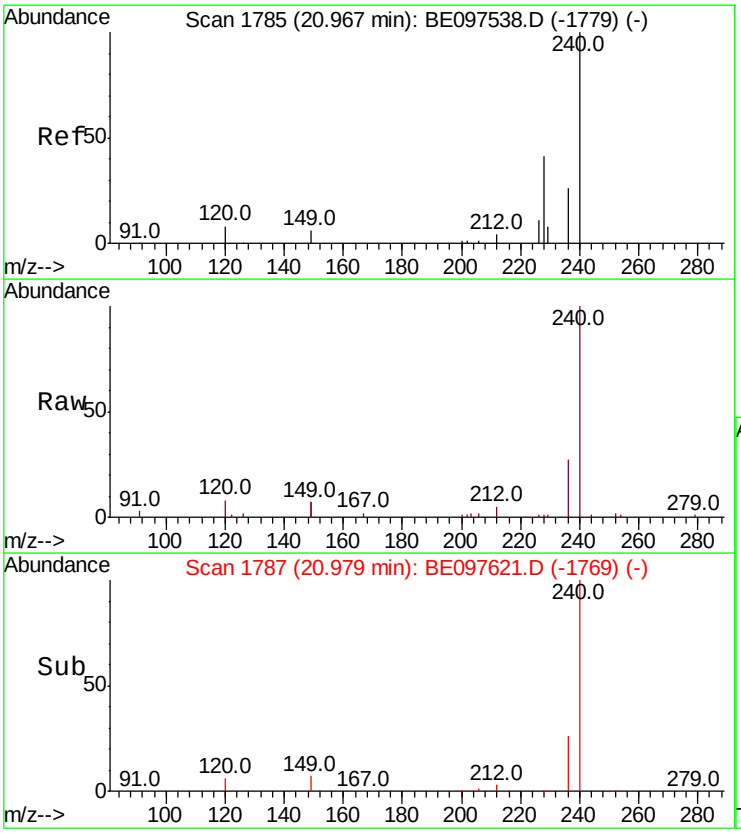
#25
Fluoranthene-d10
Concen: 0.446 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 34996

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

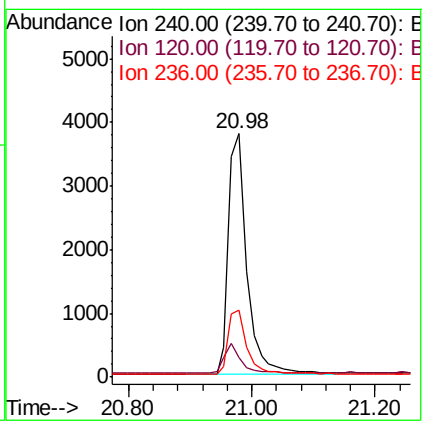


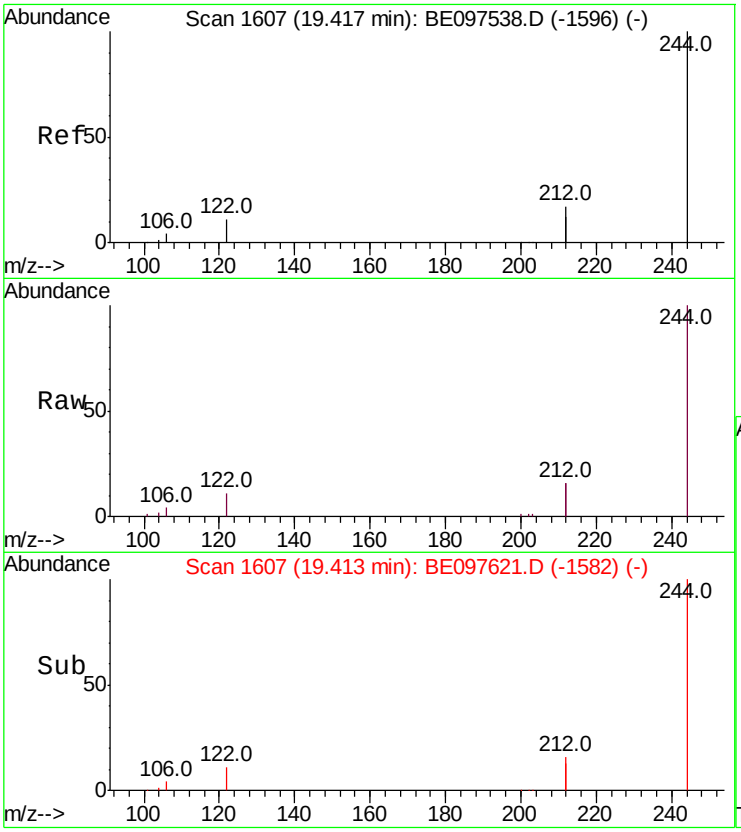


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Tgt Ion:240 Resp: 7771

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.5	8.3
236	27.2	20.7	31.1



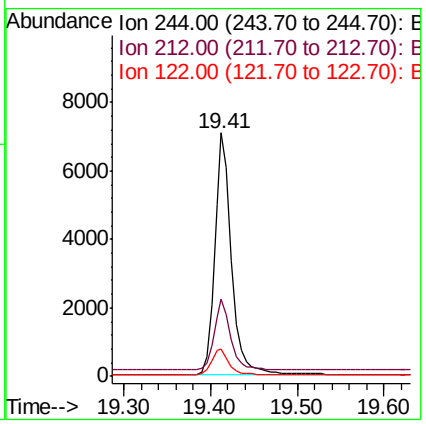


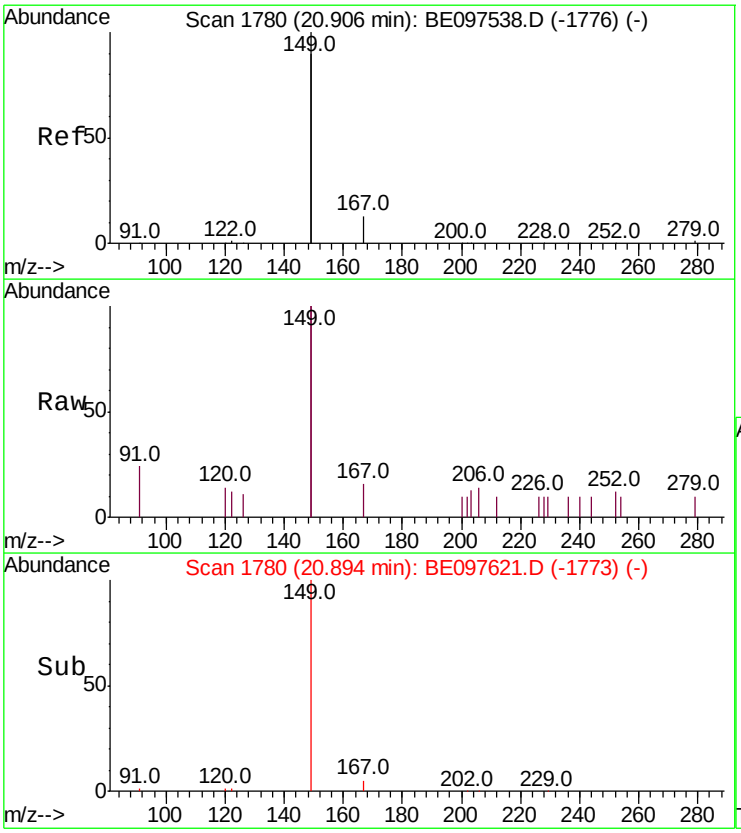
#29
Terphenyl-d14
Concen: 0.677 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 9631

Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.4	38.0
122	11.3	8.1	12.1

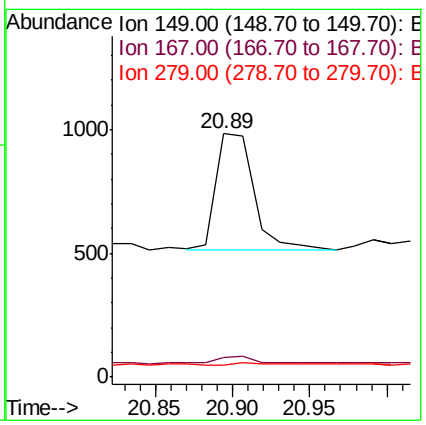


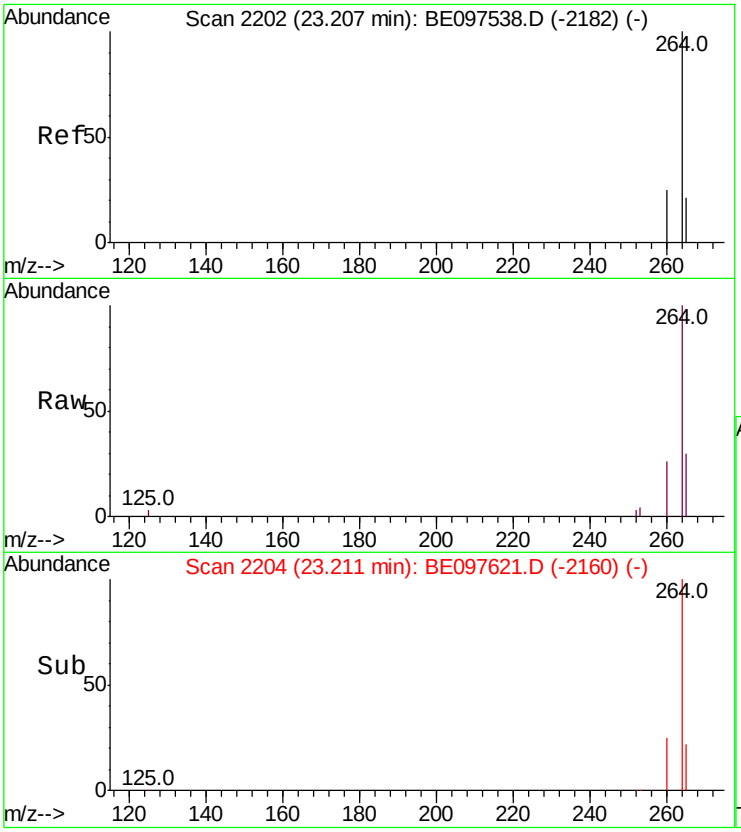


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.034 ng
RT: 20.89 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Tgt Ion:149 Resp: 785

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.4	8.0
279	2.4	0.7	1.1#



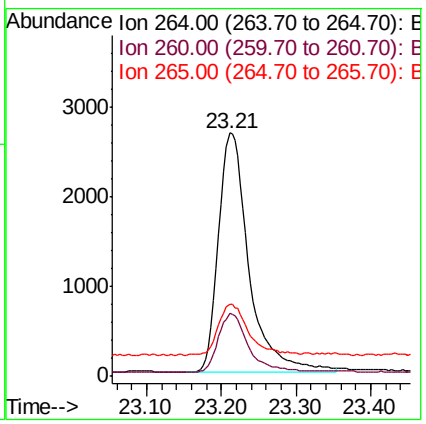


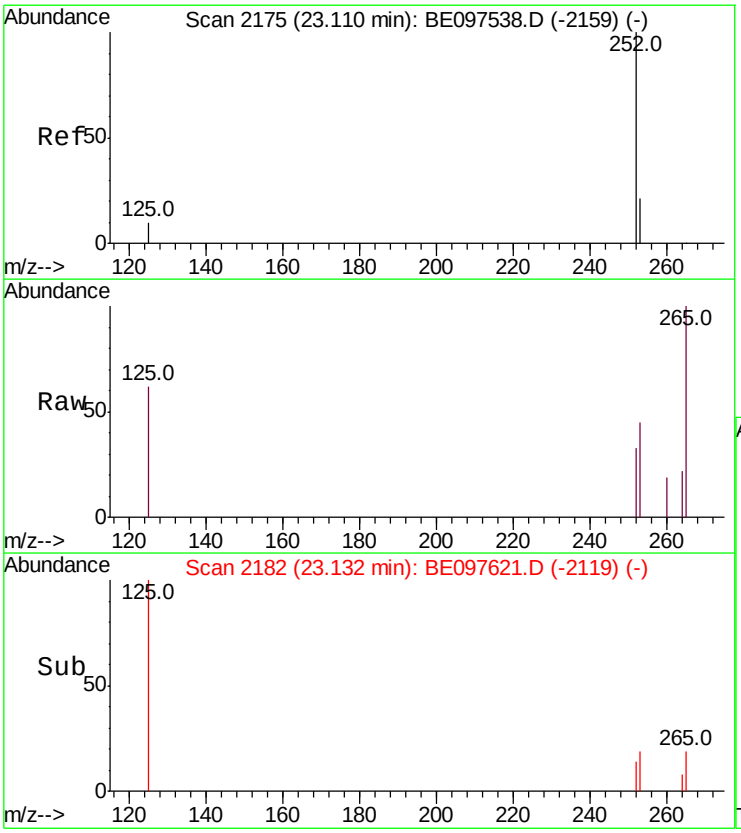
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 7508

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	29.8	22.8	34.2





#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.13 min Scan# 2182
Delta R.T. 0.03 min
Lab File: BE097621.D
Acq: 21 Sep 2018 20:58

Tgt Ion:252 Resp: 16

Ion	Ratio	Lower	Upper
252	100		
253	135.8	16.0	24.0#
125	188.9	12.0	18.0#