Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097636.D
Acq On : 22 Sep 2018 6:52
Operator : SJ/JU
Sample : J4980-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 24 02:29:49 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	7.38	152	635	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	2888	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	1868	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	6483	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8171	0.40	ng	0.00
34) Perylene-d12	23.21	264	7718	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	290	0.15	ng	0.01
5) Phenol-d6	6.56	99	4	0.00	ng	-0.05
8) Nitrobenzene-d5	8.59	82	578	0.26	ng	0.06
11) 2-Methylnaphthalene-d10	11.75	152	1820	0.46	ng	0.03
14) 2,4,6-Tribromophenol	15.54	330	317	0.44	ng	0.02
15) 2-Fluorobiphenyl	12.63	172	3118	0.47	ng	0.01
25) Fluoranthene-d10	18.80	212	35711	0.43	ng	0.00
29) Terphenyl-d14	19.41	244	10169	0.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	65	0.021	ng	# 1
3) n-Nitrosodimethylamine	3.36	42	24	0.041	ng	# 1
22) Pentachlorophenol	16.47	266	6	0.134	ng	94
32) Bis(2-ethylhexyl)phthalate	20.89	149	931	0.037	ng	# 97
37) Benzo(a)pyrene	23.12	252	53	0.023	ng	# 1

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

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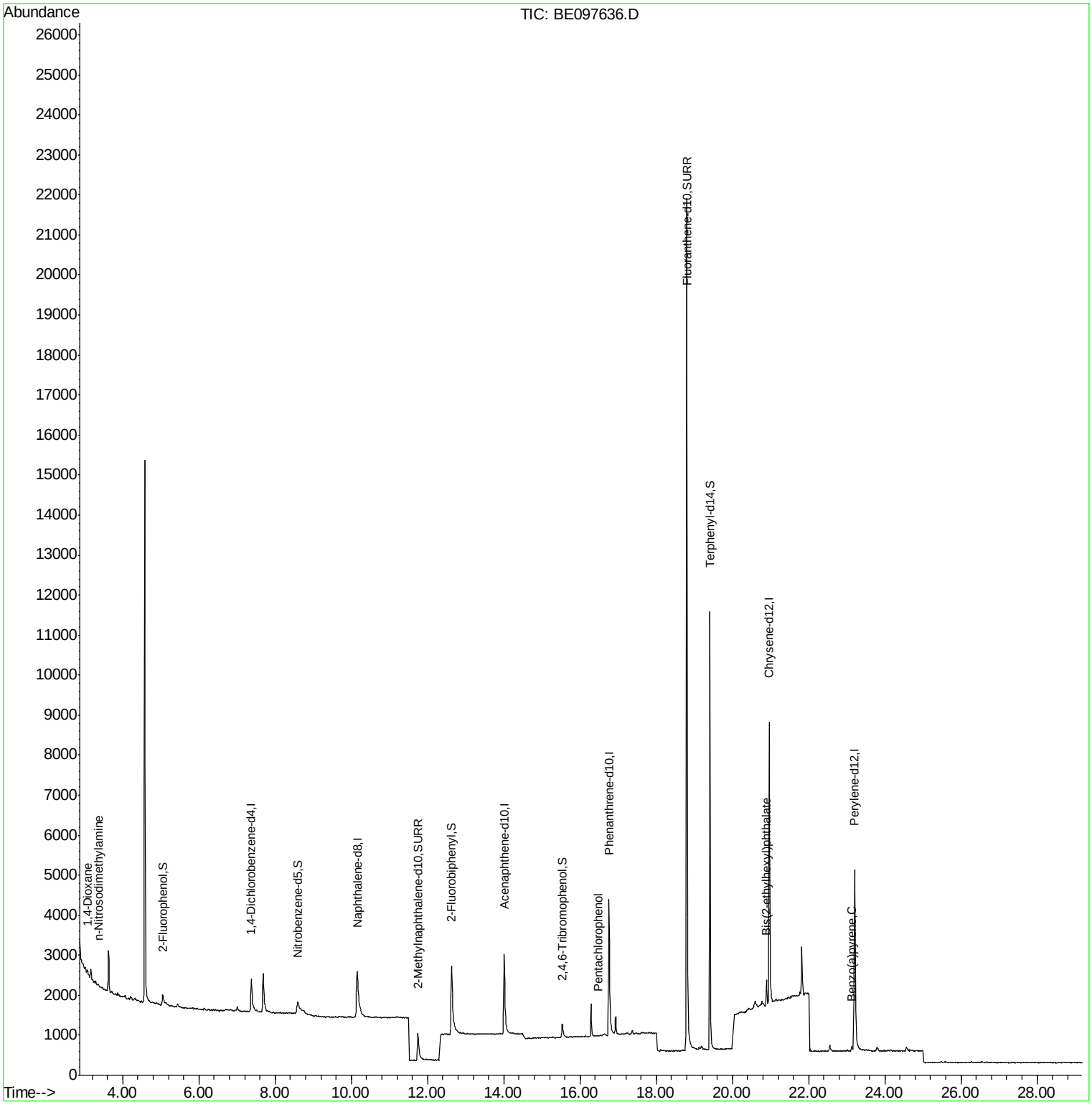
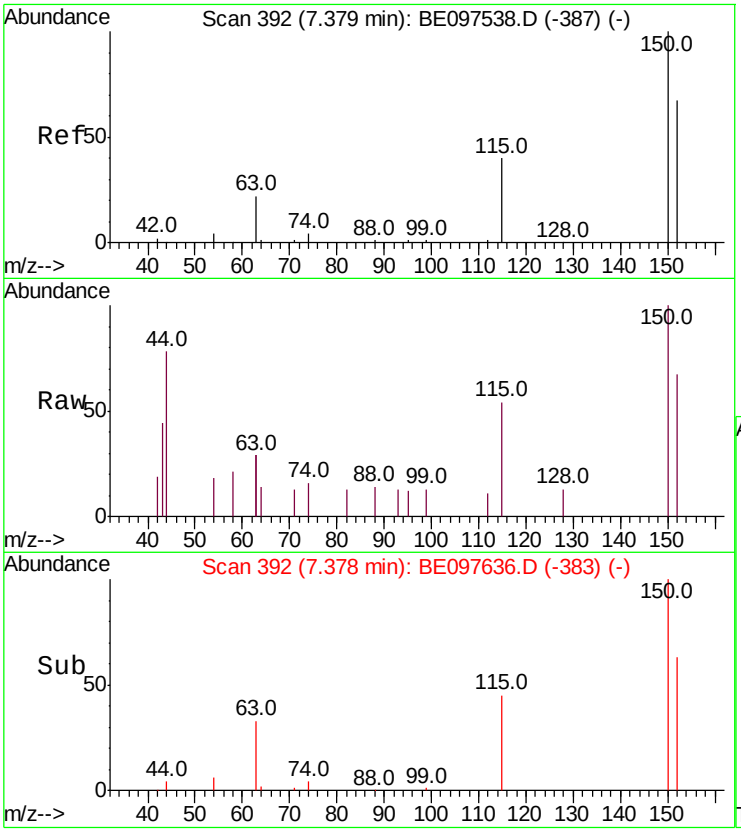


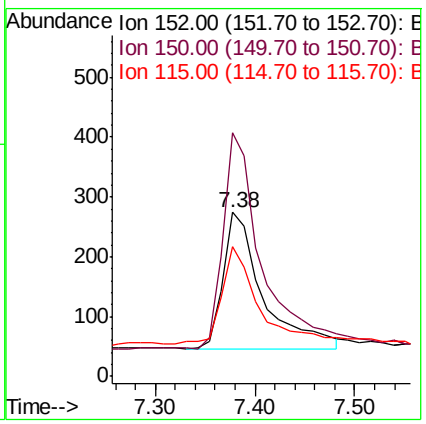


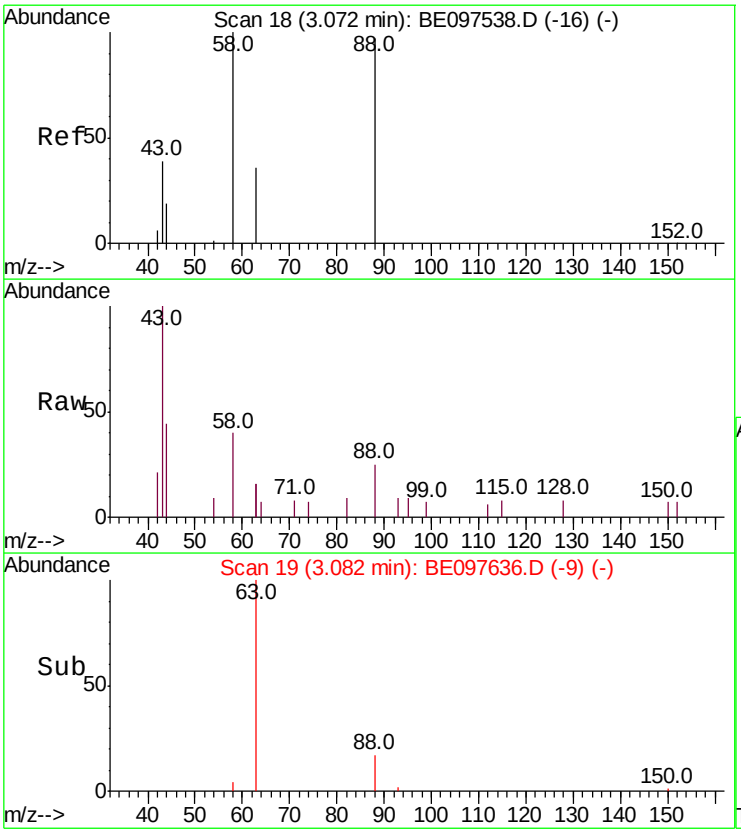
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 635

Ion	Ratio	Lower	Upper
152	100		
150	148.5	117.2	175.8
115	79.6	57.0	85.6

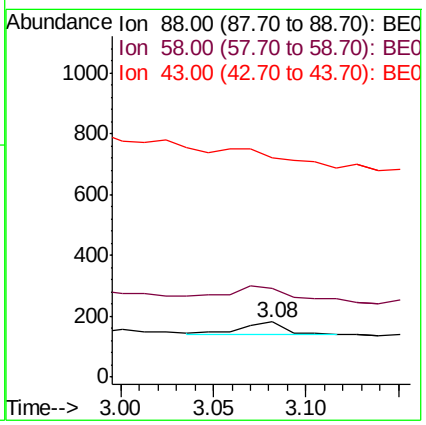


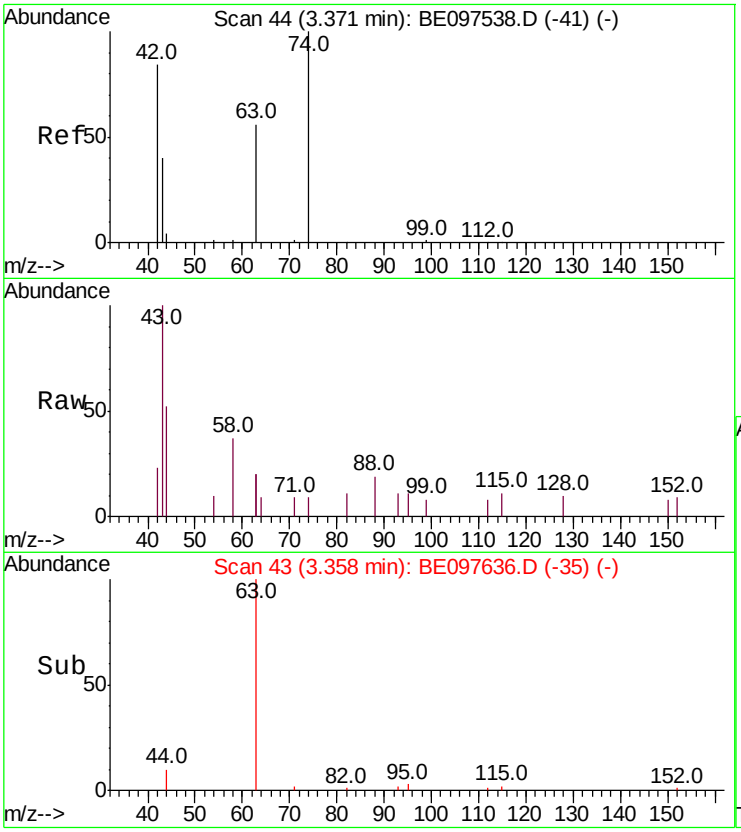


#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
58	198.5	63.2	94.8#
43	0.0	41.2	61.8#



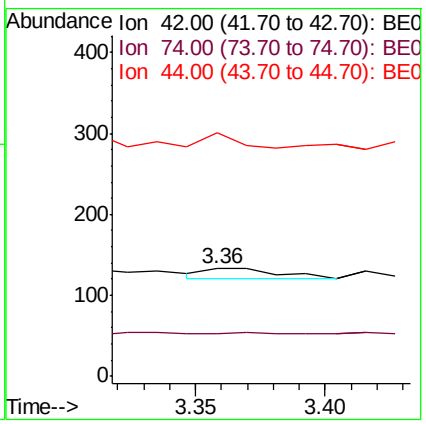


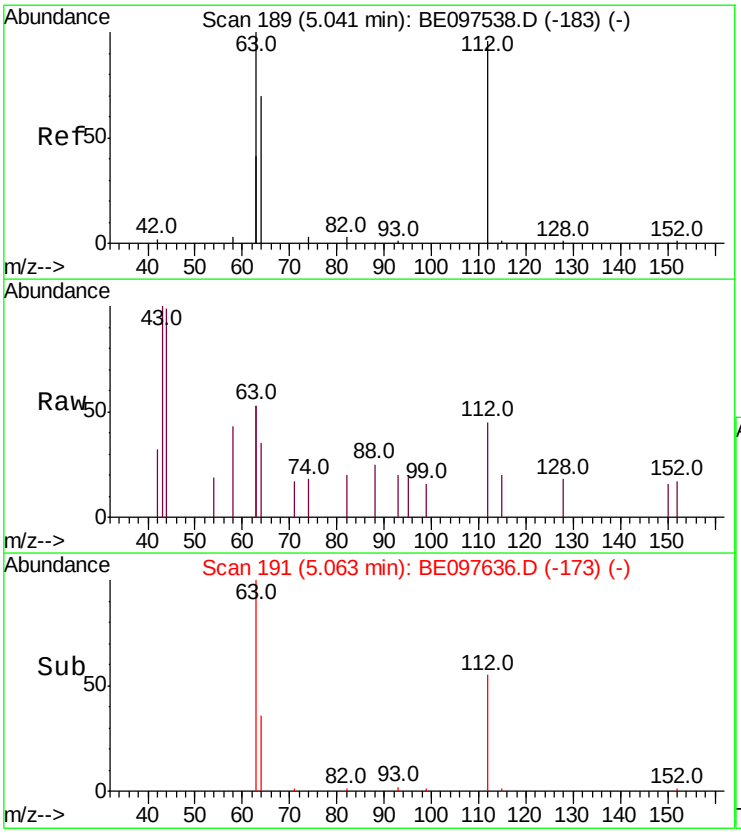
#3
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 24

Ion	Ratio	Lower	Upper
42	100		
74	12.5	96.0	144.0#
44	62.5	12.0	18.0#

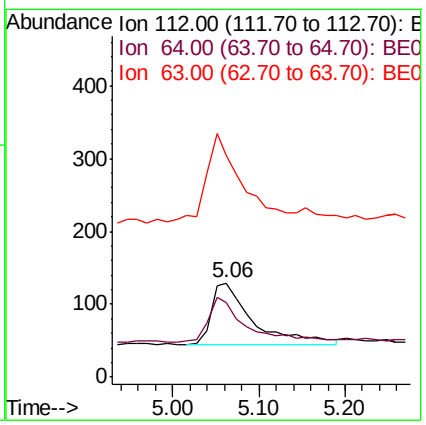


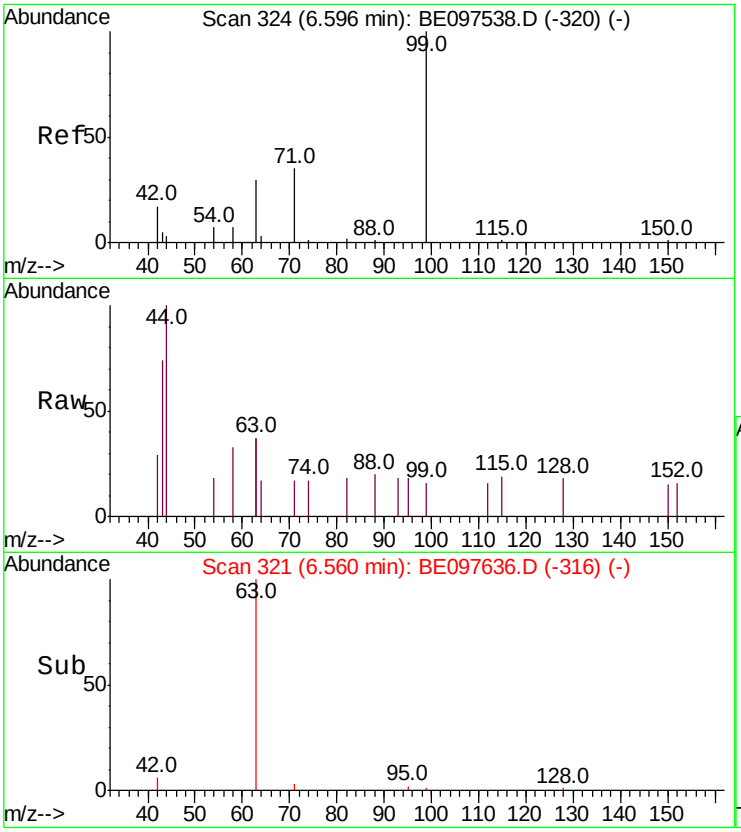


#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Tgt Ion:112 Resp: 290

Ion	Ratio	Lower	Upper
112	100		
64	64.5	60.1	90.1
63	120.7	116.8	175.2



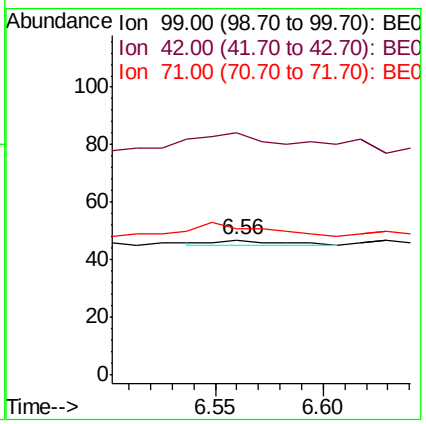


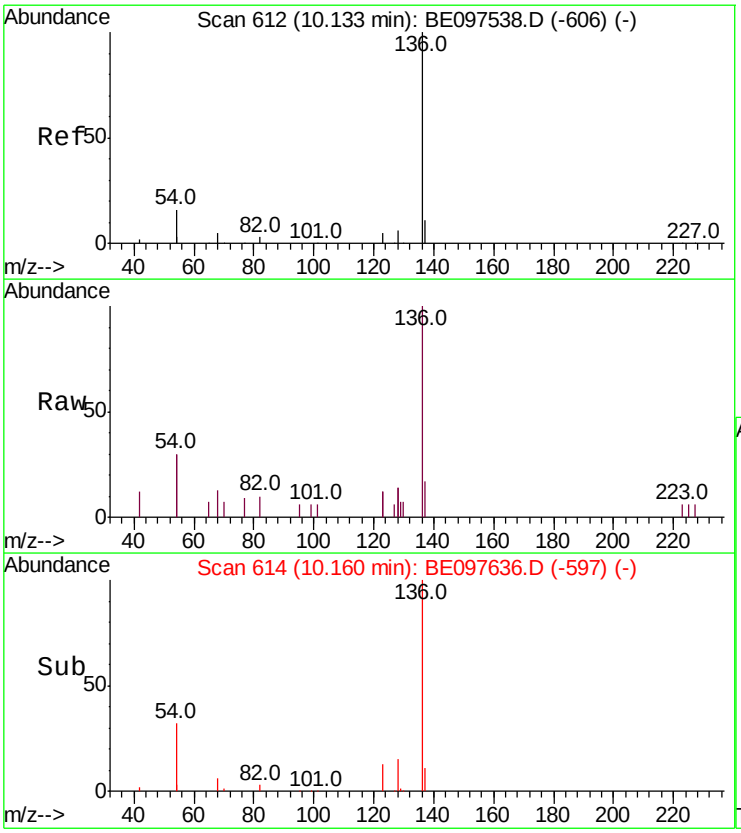
#5
Phenol-d6
Concen: 0.002 ng
RT: 6.56 min Scan# 321
Delta R.T. -0.05 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4

Ion	Ratio	Lower	Upper
99	100		
42	250.0	20.2	30.2#
71	275.0	28.4	42.6#

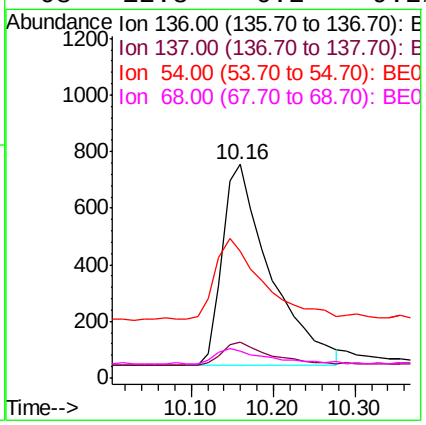


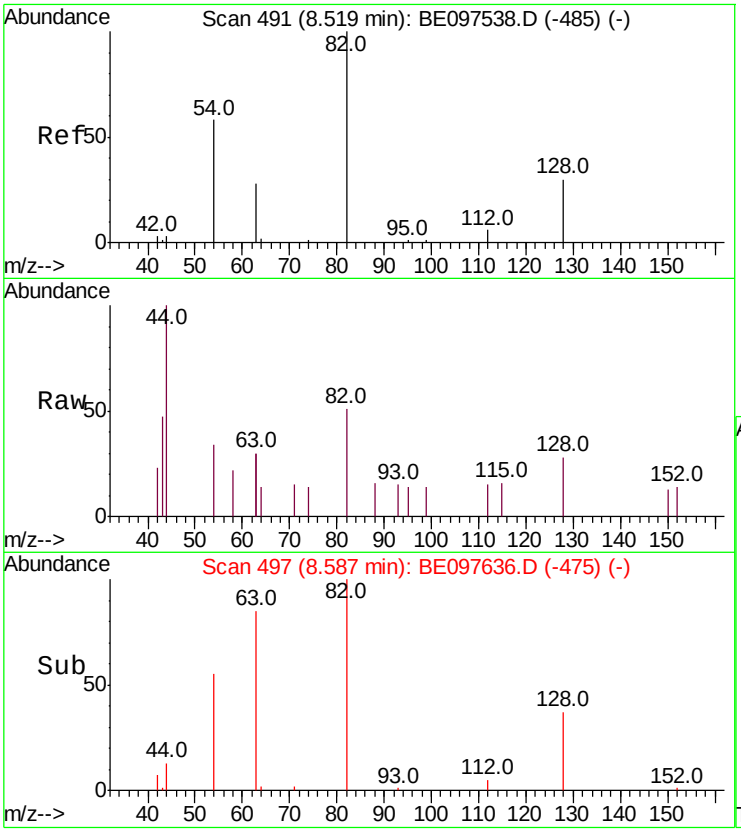


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.03 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Tgt Ion:136 Resp: 2888

Ion	Ratio	Lower	Upper
136	100		
137	16.6	9.5	14.3#
54	59.6	29.1	43.7#
68	12.8	6.2	9.2#



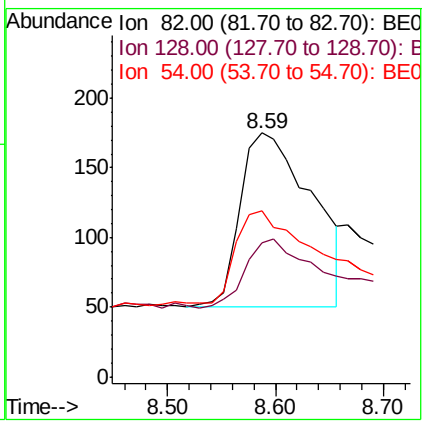


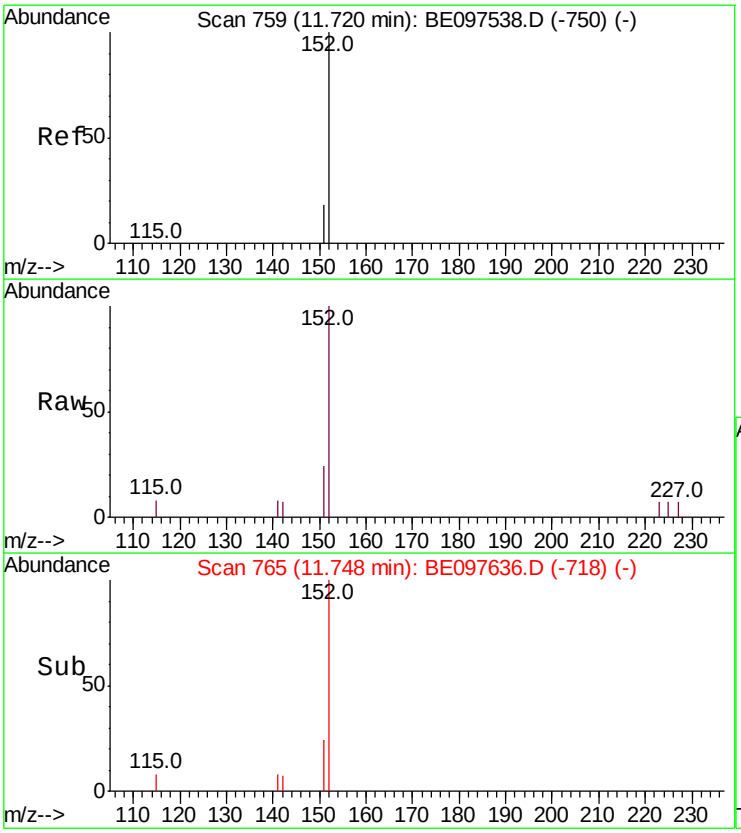
#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.59 min Scan# 497
Delta R.T. 0.06 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 578

Ion	Ratio	Lower	Upper
82	100		
128	54.9	24.0	36.0#
54	68.0	40.0	60.0#

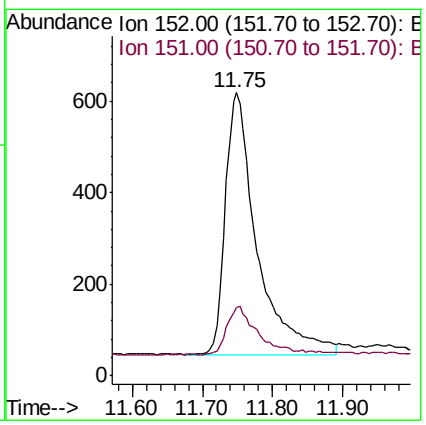


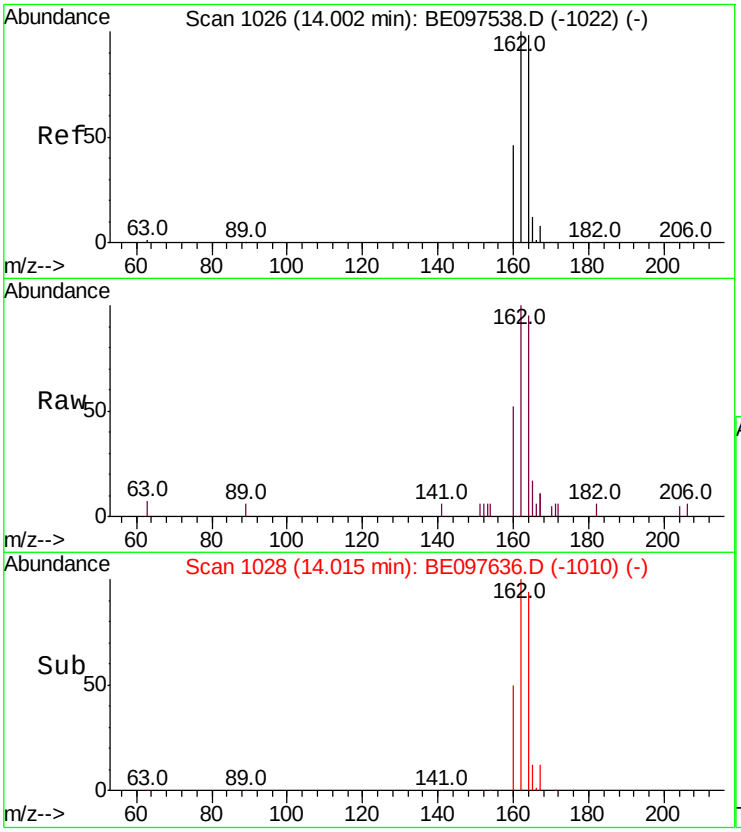


#11
2-Methylnaphthalene-d10
Concen: 0.457 ng
RT: 11.75 min Scan# 765
Delta R.T. 0.03 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Tgt Ion:152 Resp: 1820

Ion	Ratio	Lower	Upper
152	100		
151	17.7	15.4	23.0



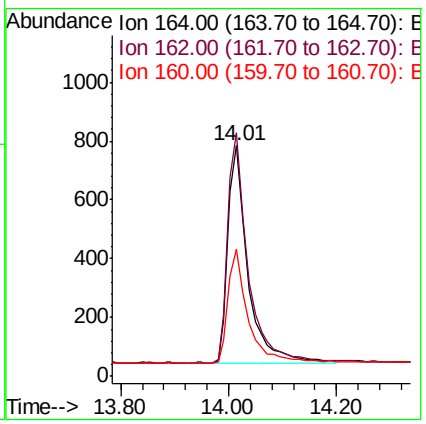


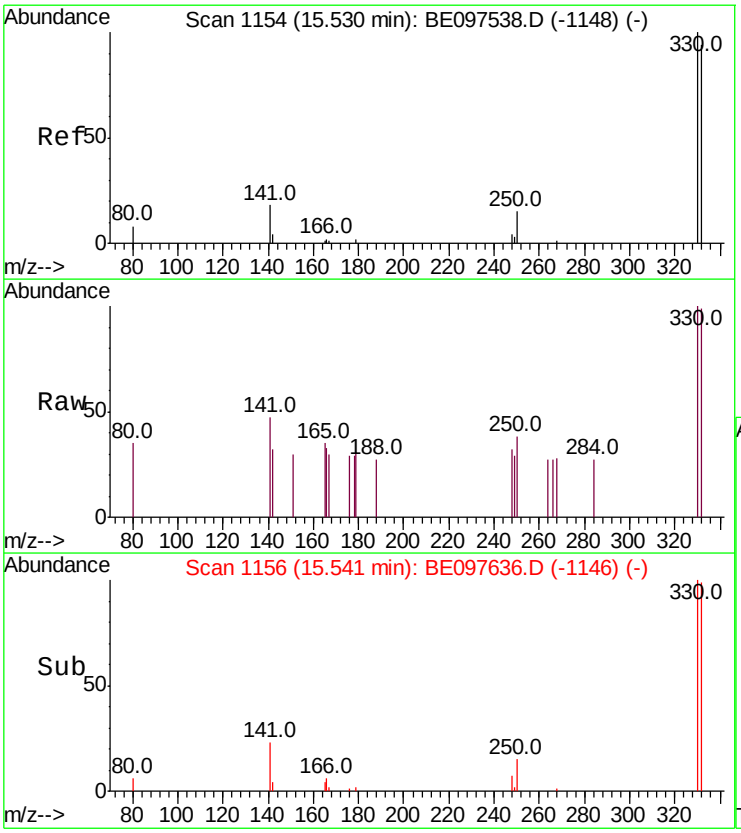
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1868

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	55.3	37.1	55.7

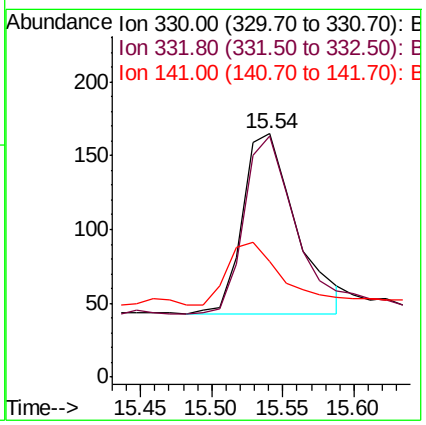


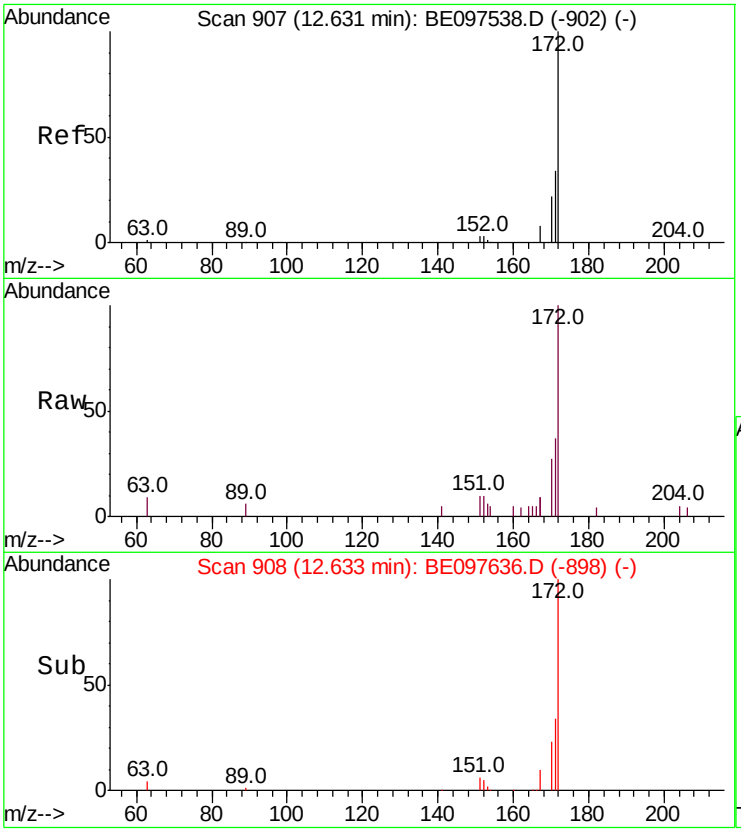


#14
2,4,6-Tribromophenol
Concen: 0.440 ng
RT: 15.54 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Tgt Ion:330 Resp: 317

Ion	Ratio	Lower	Upper
330	100		
332	94.0	152.7	229.1#
141	35.3	33.7	50.5



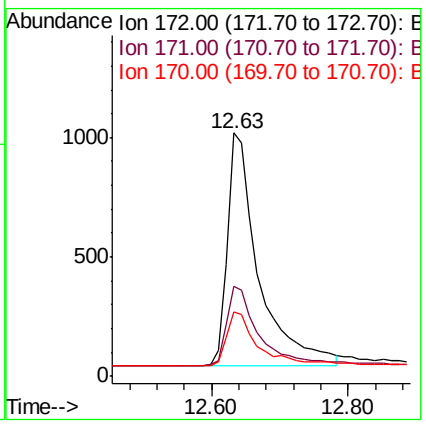


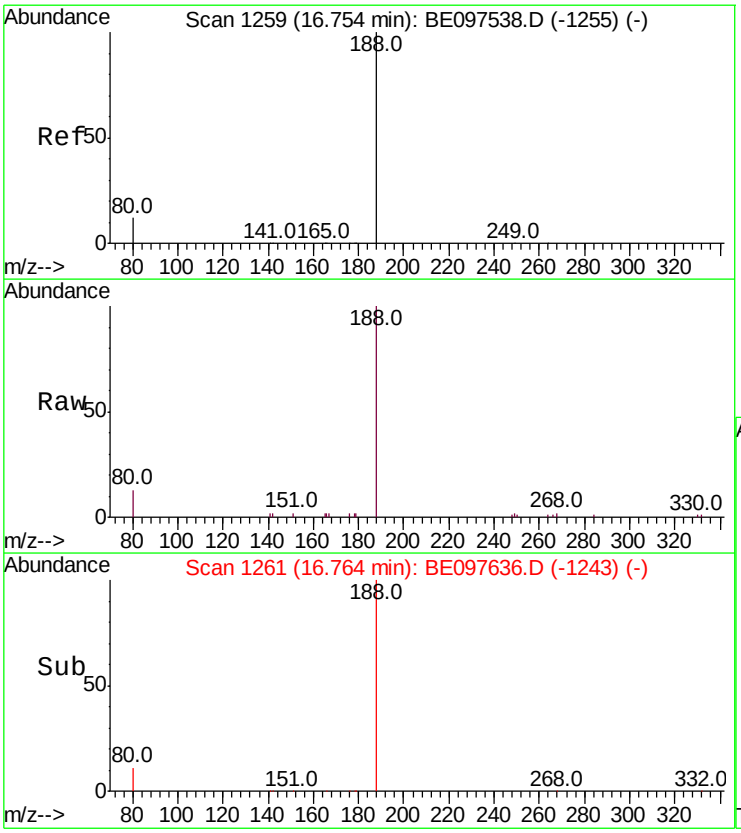
#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3118

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	26.7	21.8	32.8

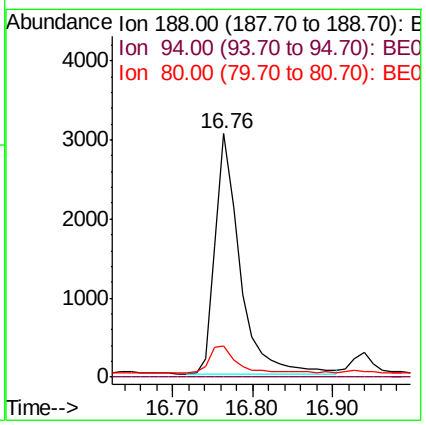


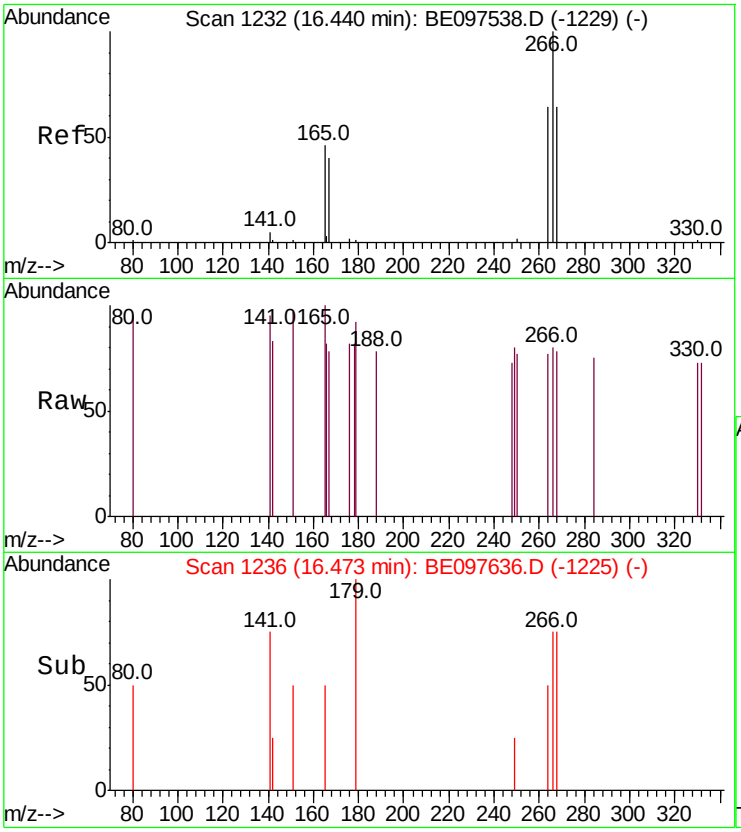


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Tgt Ion:188 Resp: 6483

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.9	3.6	5.4#



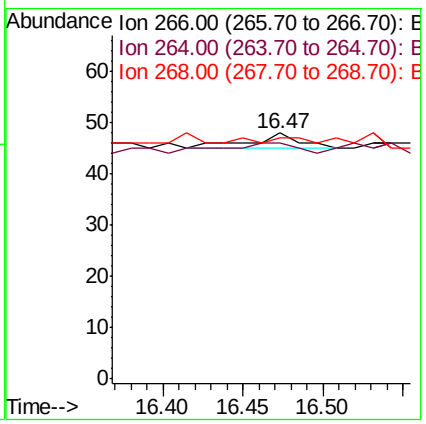


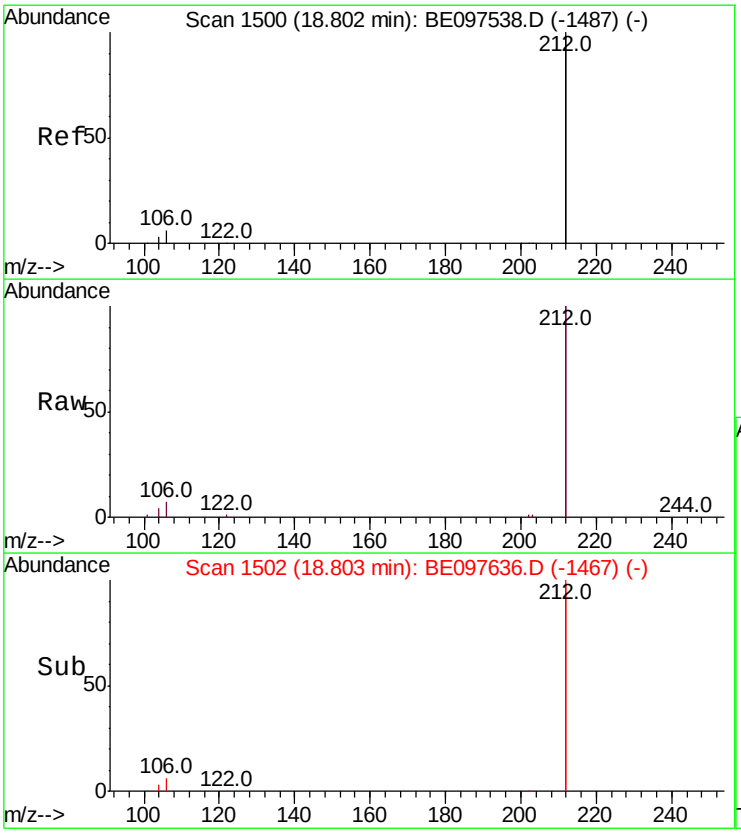
#22
Pentachlorophenol
Concen: 0.134 ng
RT: 16.47 min Scan# 1236
Delta R.T. 0.03 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	95.8	72.5	108.7
268	97.9	73.8	110.6

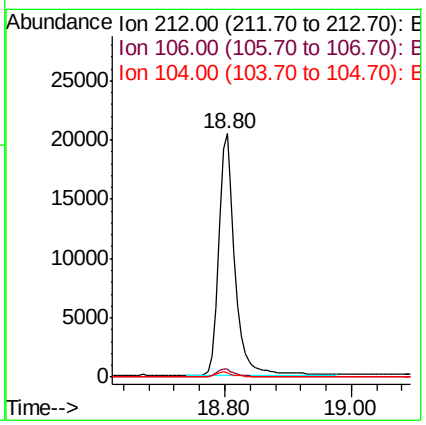


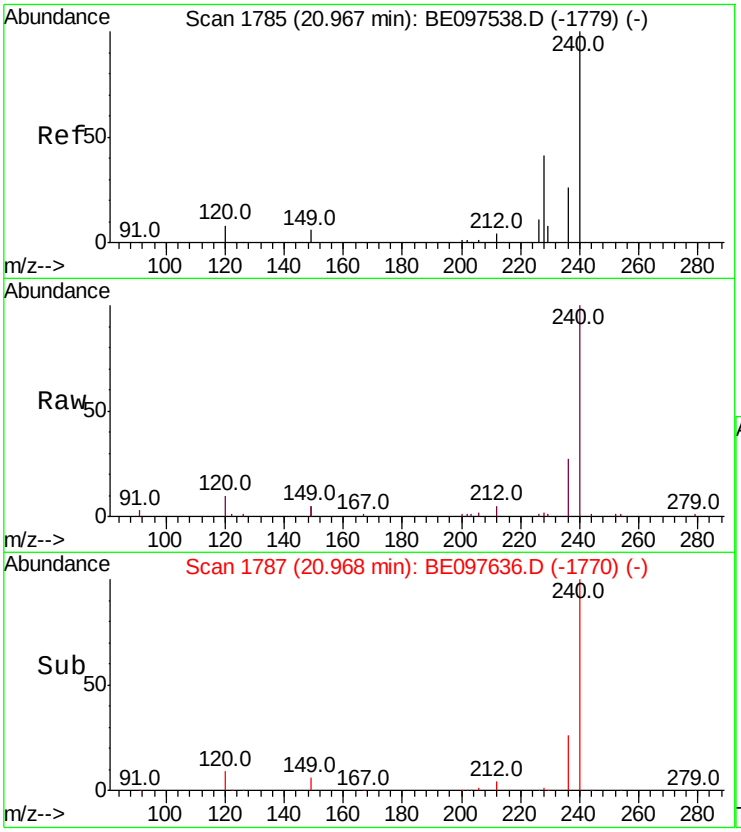


#25
Fluoranthene-d10
Concen: 0.430 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Tgt Ion:212 Resp: 35711

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4



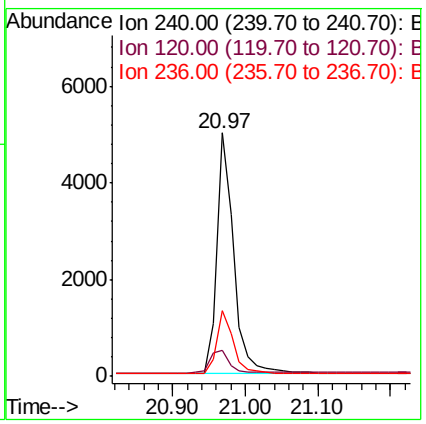


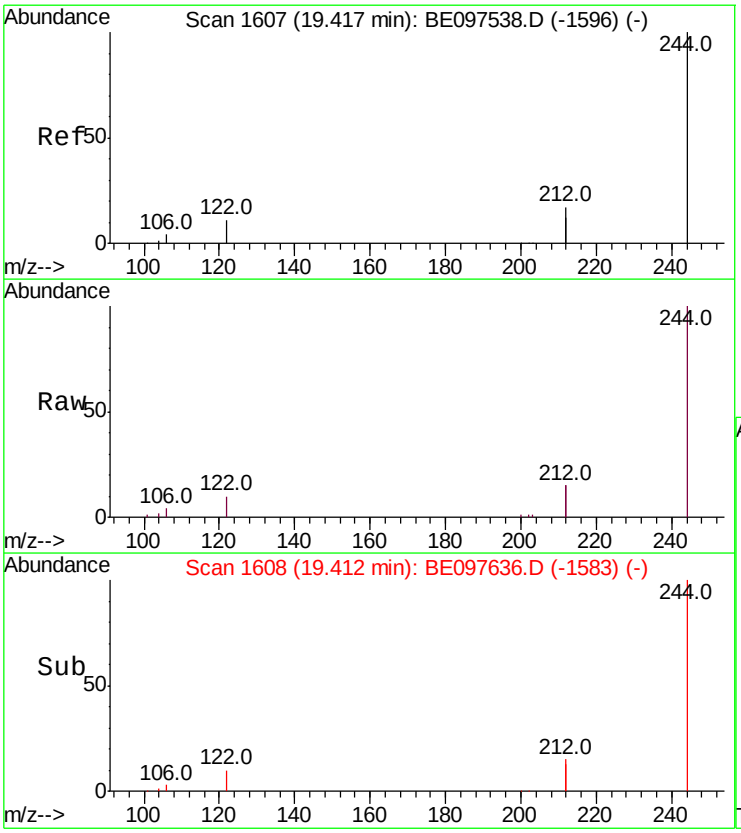
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8171

Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.5	8.3#
236	27.0	20.7	31.1

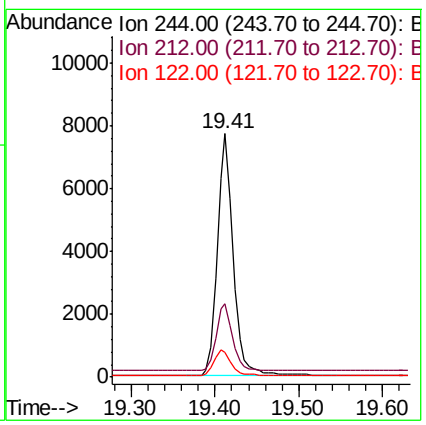


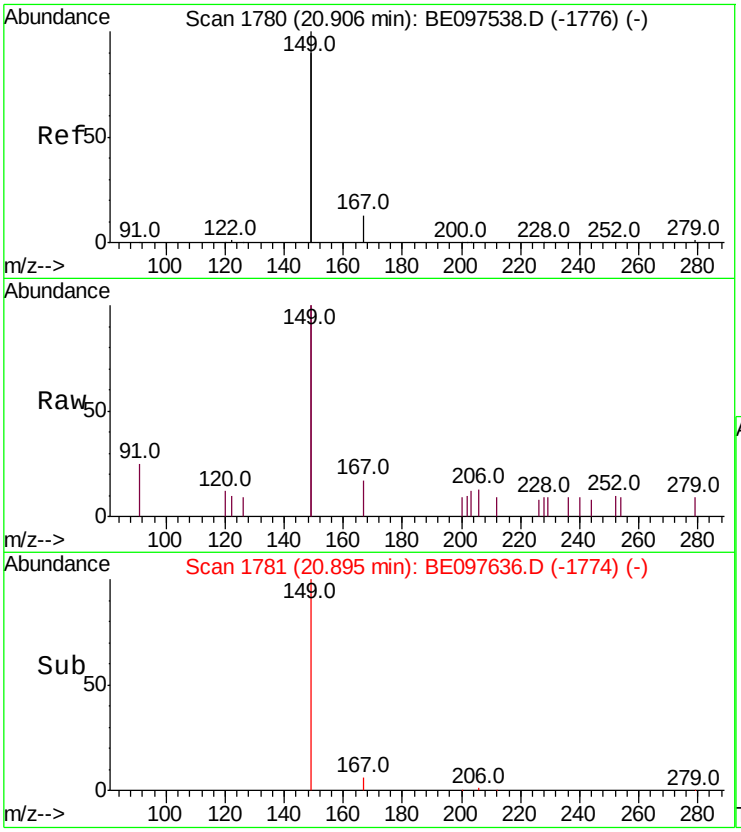


#29
Terphenyl-d14
Concen: 0.680 ng
RT: 19.41 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Tgt Ion:244 Resp: 10169

Ion	Ratio	Lower	Upper
244	100		
212	30.4	25.4	38.0
122	10.3	8.1	12.1



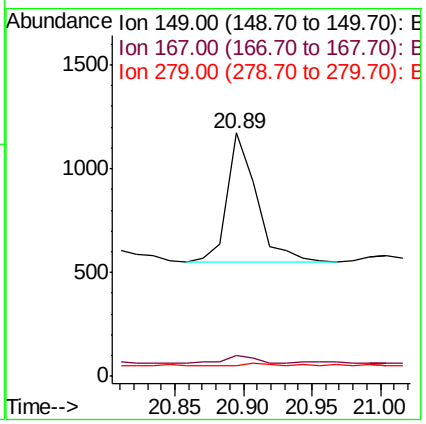


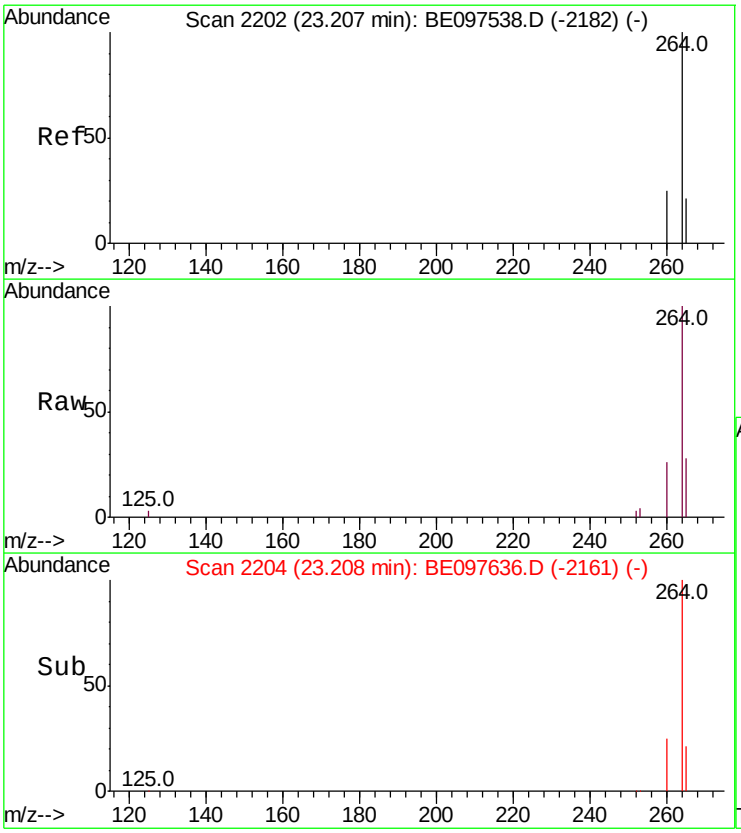
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.037 ng
RT: 20.89 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 931

Ion	Ratio	Lower	Upper
149	100		
167	5.7	5.4	8.0
279	2.3	0.7	1.1#

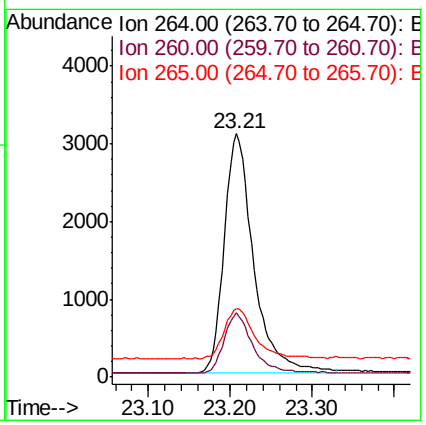


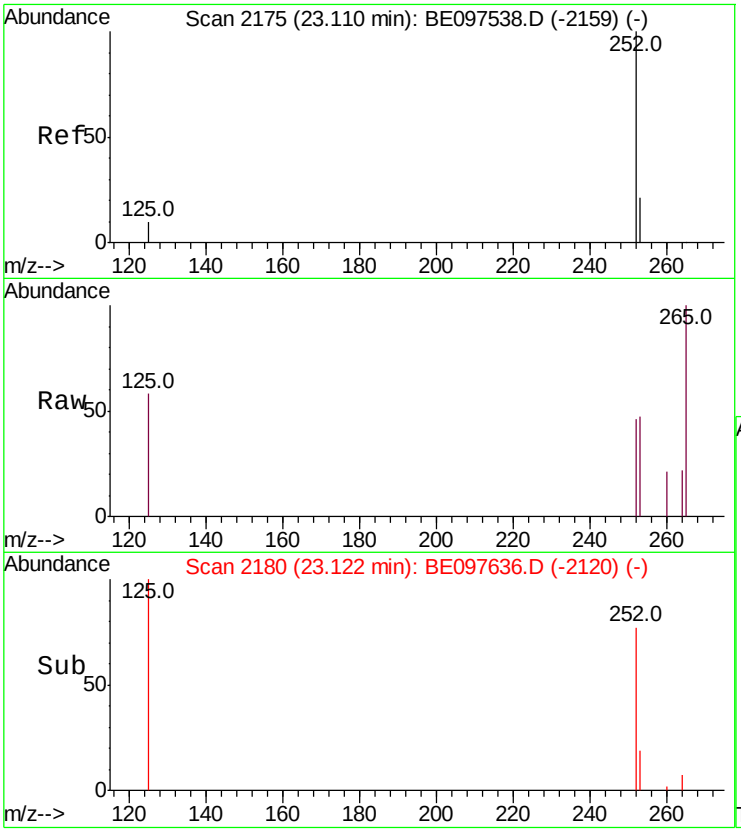


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Tgt Ion:264 Resp: 7718

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.5	30.7
265	28.2	22.8	34.2





#37
Benzo(a)pyrene
Concen: 0.023 ng
RT: 23.12 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BE097636.D
Acq: 22 Sep 2018 6:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 53

Ion	Ratio	Lower	Upper
252	100		
253	102.8	16.0	24.0#
125	127.1	12.0	18.0#