Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097629.D
Acq On : 22 Sep 2018 2:32
Operator : SJ/JU
Sample : J4954-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 22 04:10:42 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	744	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3472	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2154	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	7118	0.40	ng		0.00
27) Chrysene-d12	20.97	240	9703	0.40	ng		0.00
34) Perylene-d12	23.20	264	9294	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	422	0.19	ng		0.00
5) Phenol-d6	6.65	99	187	0.07	ng		0.05
8) Nitrobenzene-d5	8.56	82	1054	0.39	ng		0.02
11) 2-Methylnaphthalene-d10	11.73	152	2200	0.46	ng		0.01
14) 2,4,6-Tribromophenol	15.51	330	594	0.65	ng		-0.01
15) 2-Fluorobiphenyl	12.62	172	4930	0.65	ng		0.00
25) Fluoranthene-d10	18.80	212	43909	0.48	ng		0.00
29) Terphenyl-d14	19.41	244	10647	0.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	558	0.444	ng		91
3) n-Nitrosodimethylamine	3.38	42	32	0.045	ng	#	1
22) Pentachlorophenol	16.44	266	22	0.144	ng		99
32) Bis(2-ethylhexyl)phthalate	20.89	149	3912	0.106	ng		100
37) Benzo(a)pyrene	23.12	252	7	0.021	ng	#	1

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

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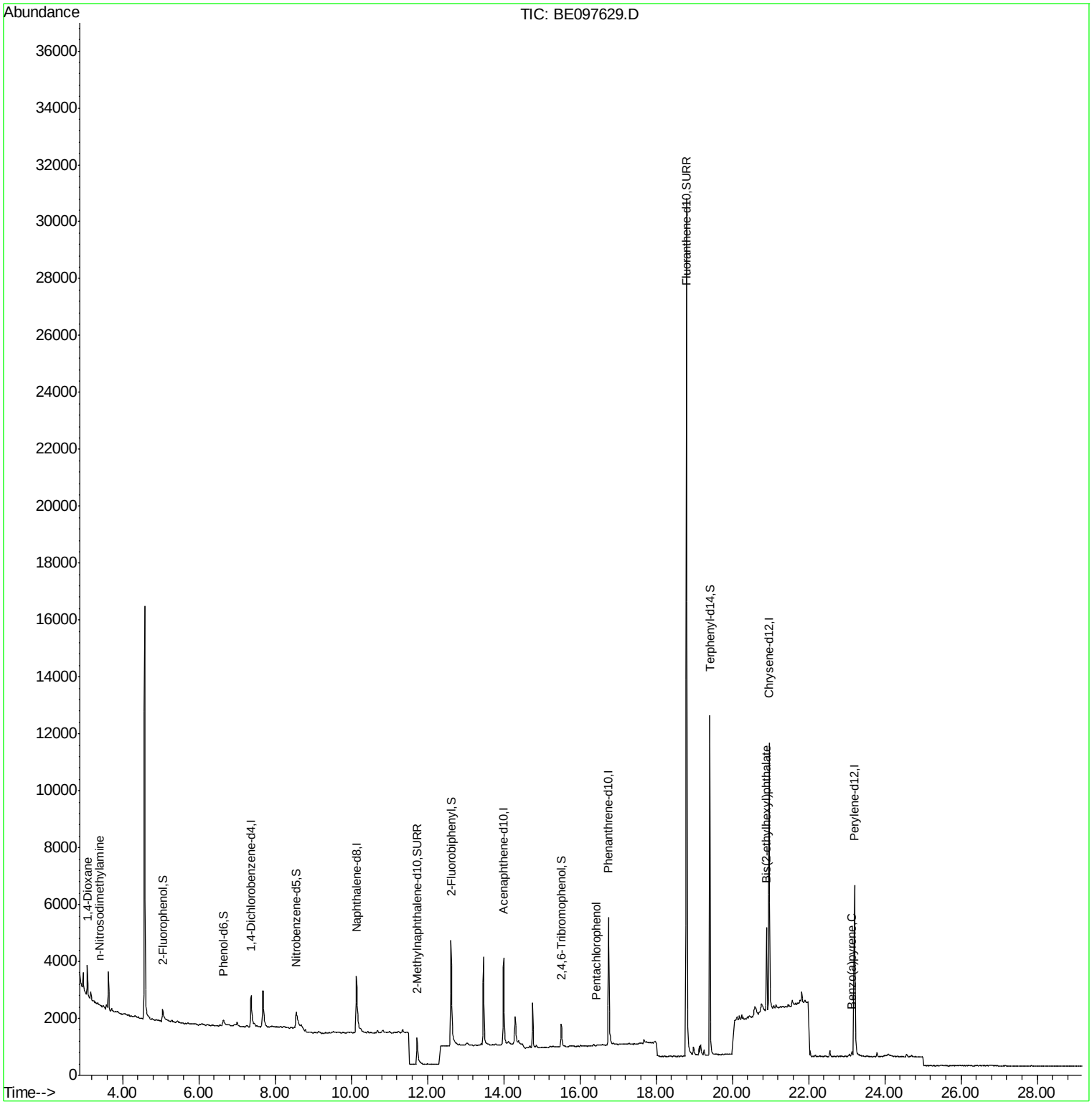
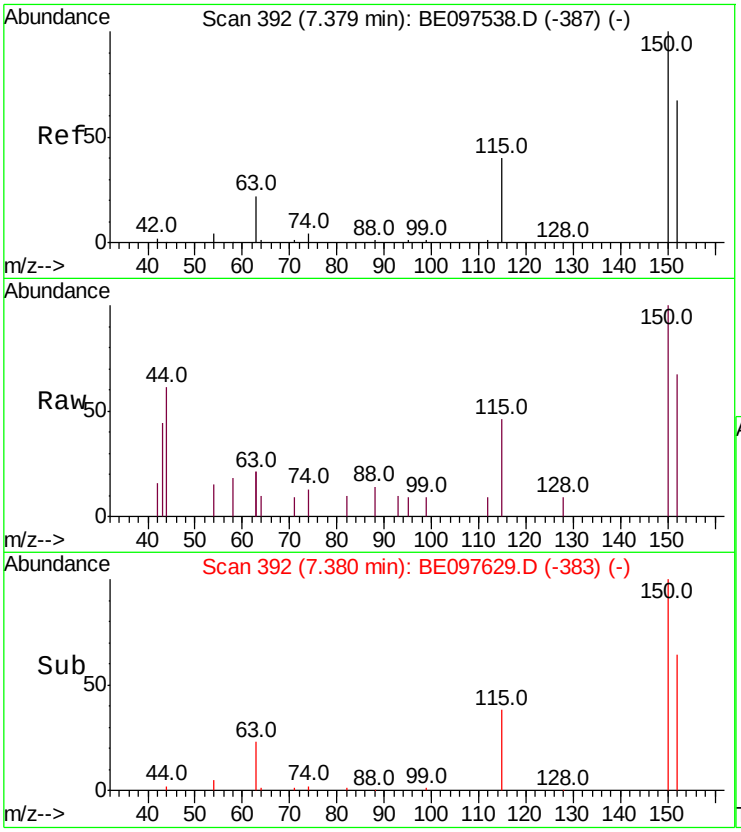
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration



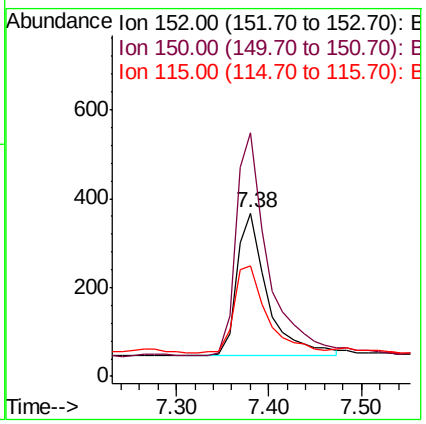


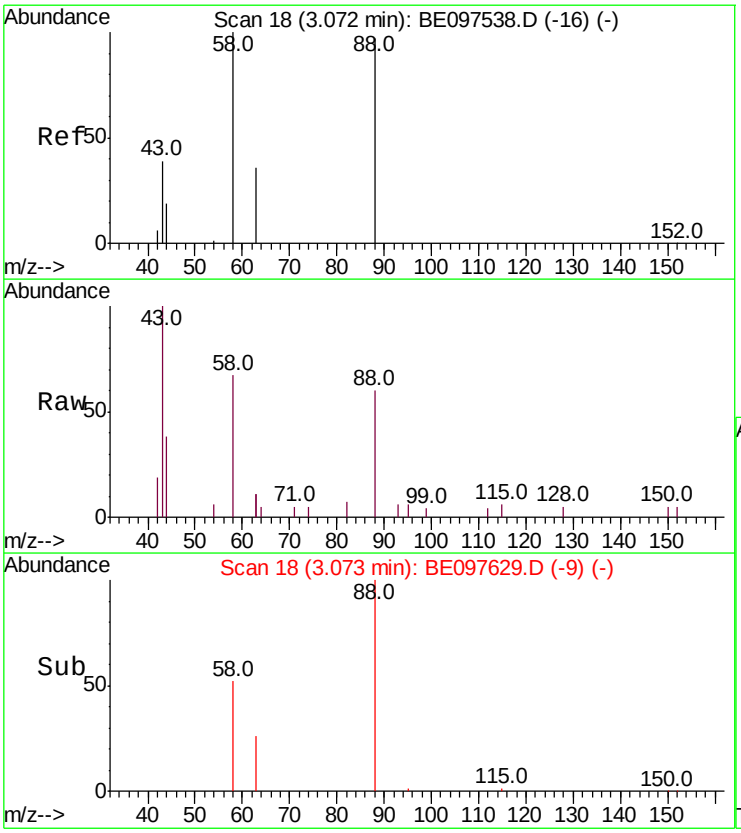
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 744

Ion	Ratio	Lower	Upper
152	100		
150	149.3	117.2	175.8
115	68.1	57.0	85.6

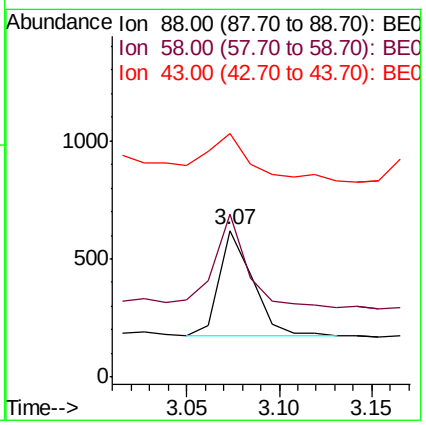


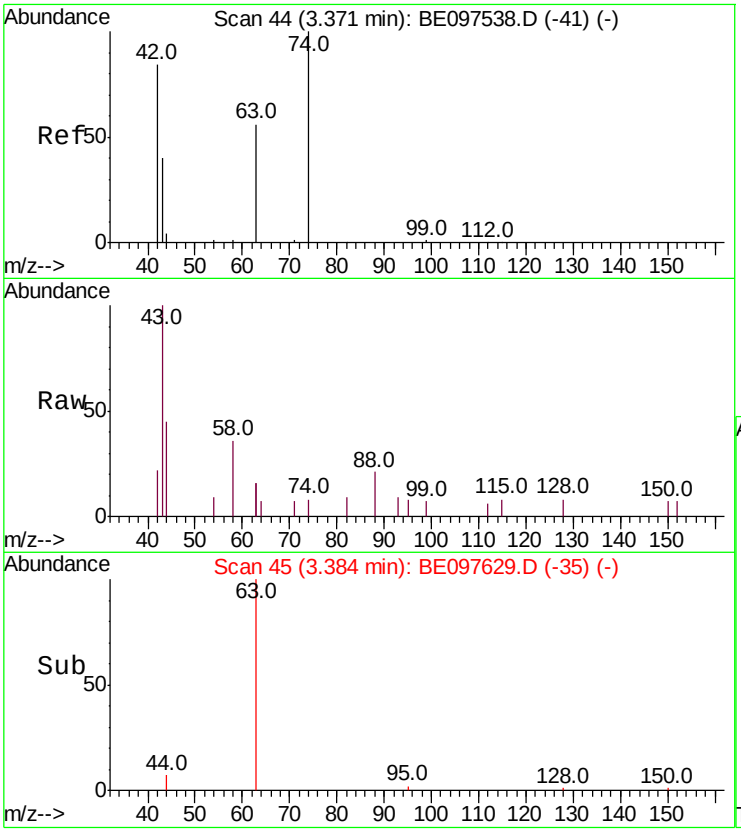


#2
1,4-Dioxane
Concen: 0.444 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion: 88 Resp: 558

Ion	Ratio	Lower	Upper
88	100		
58	87.5	63.2	94.8
43	57.2	41.2	61.8



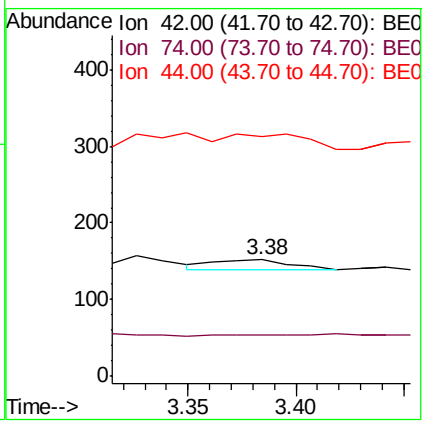


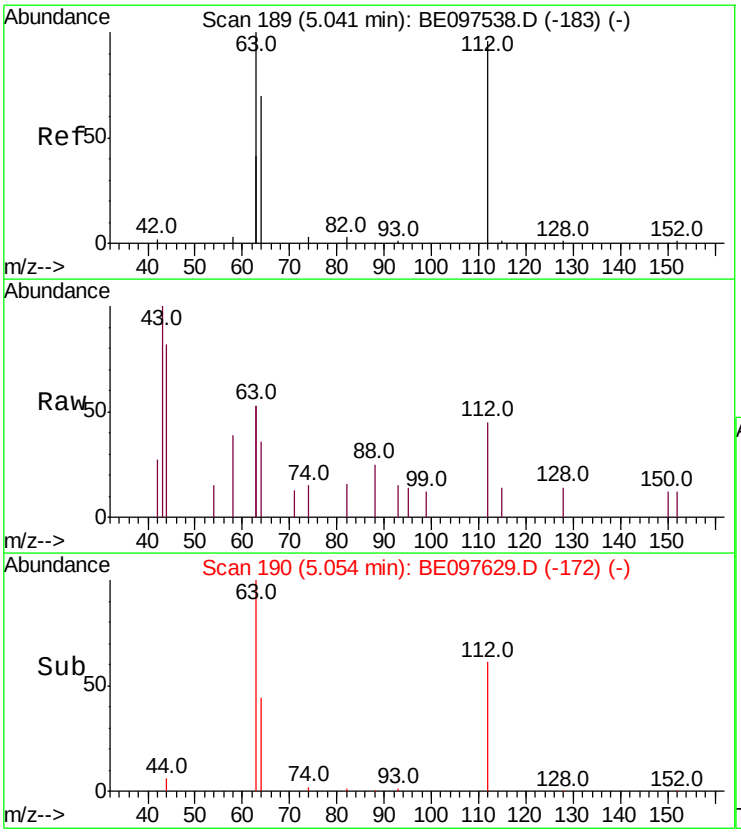
#3
n-Nitrosodimethylamine
Concen: 0.045 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 32

Ion	Ratio	Lower	Upper
42	100		
74	15.6	96.0	144.0#
44	153.1	12.0	18.0#

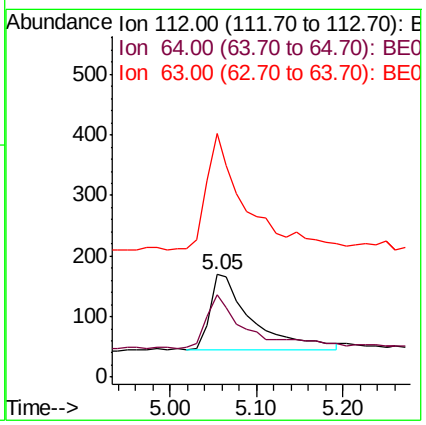


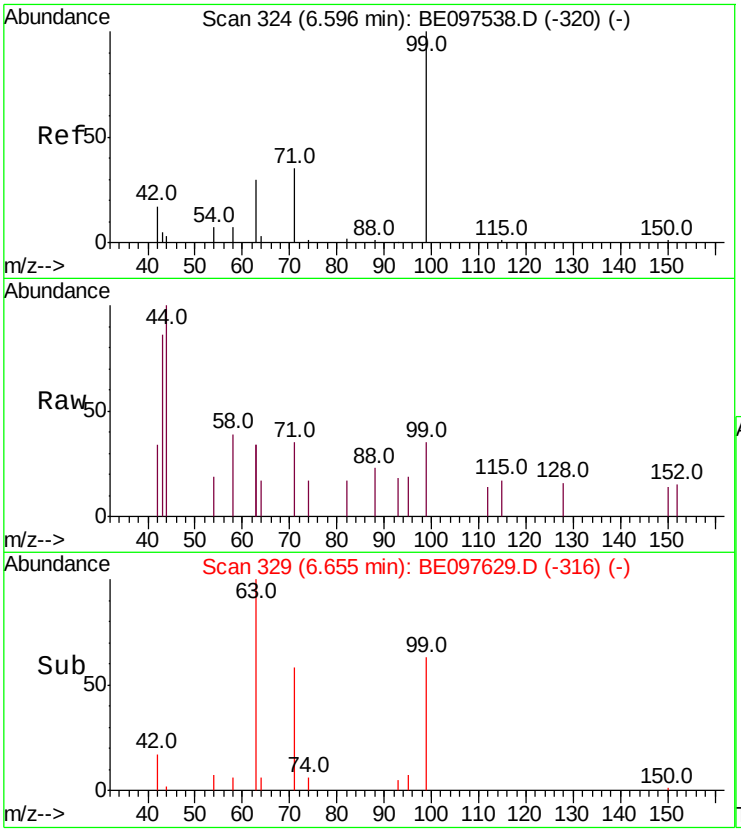


#4
2-Fluorophenol
Concen: 0.189 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion:112 Resp: 422

Ion	Ratio	Lower	Upper
112	100		
64	70.1	60.1	90.1
63	143.4	116.8	175.2



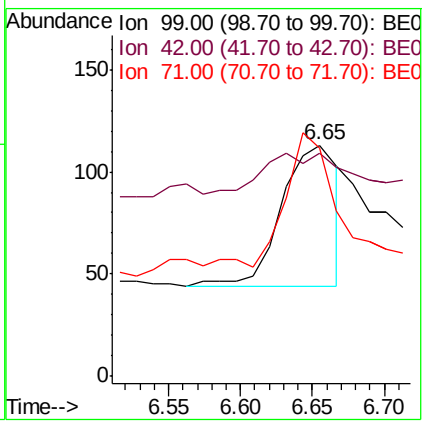


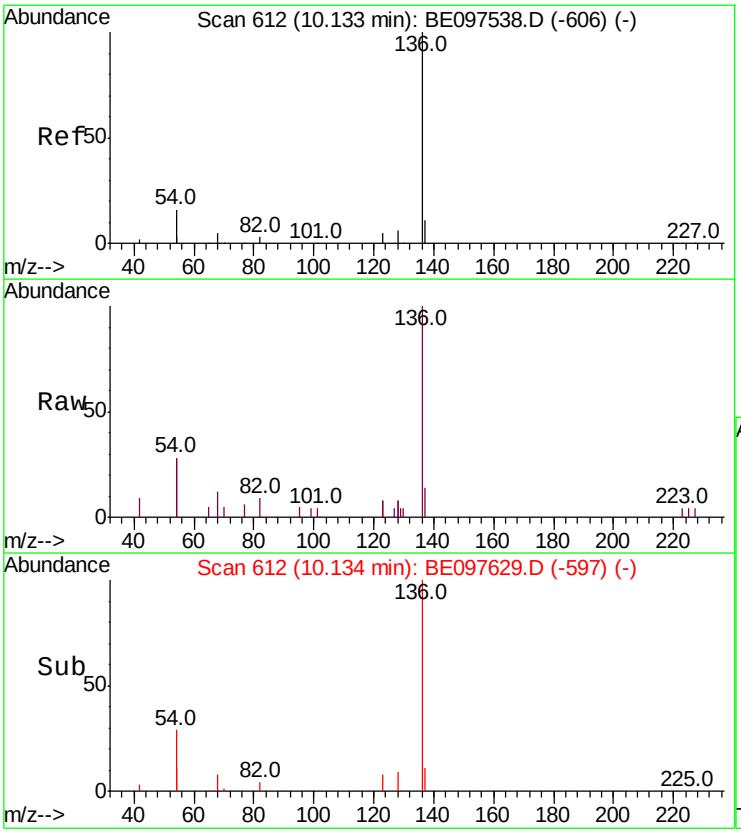
#5
Phenol-d6
Concen: 0.066 ng
RT: 6.65 min Scan# 329
Delta R.T. 0.05 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 187

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	65.2	28.4	42.6#

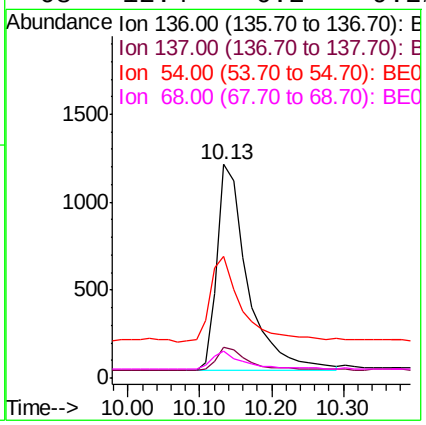


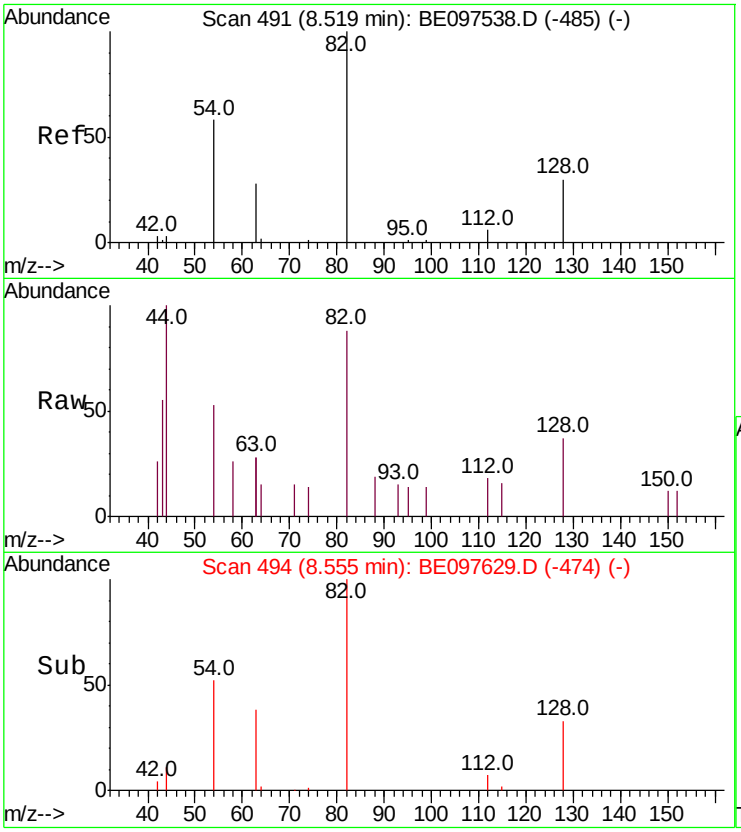


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion:136 Resp: 3472

Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.5	14.3
54	56.8	29.1	43.7#
68	12.4	6.2	9.2#



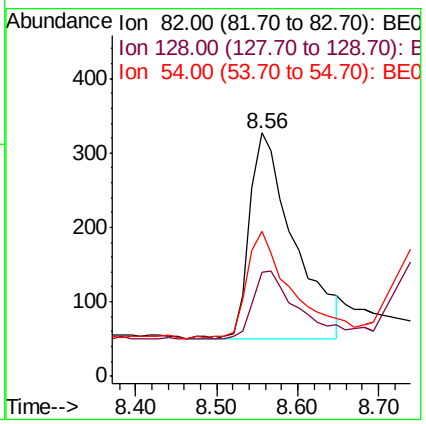


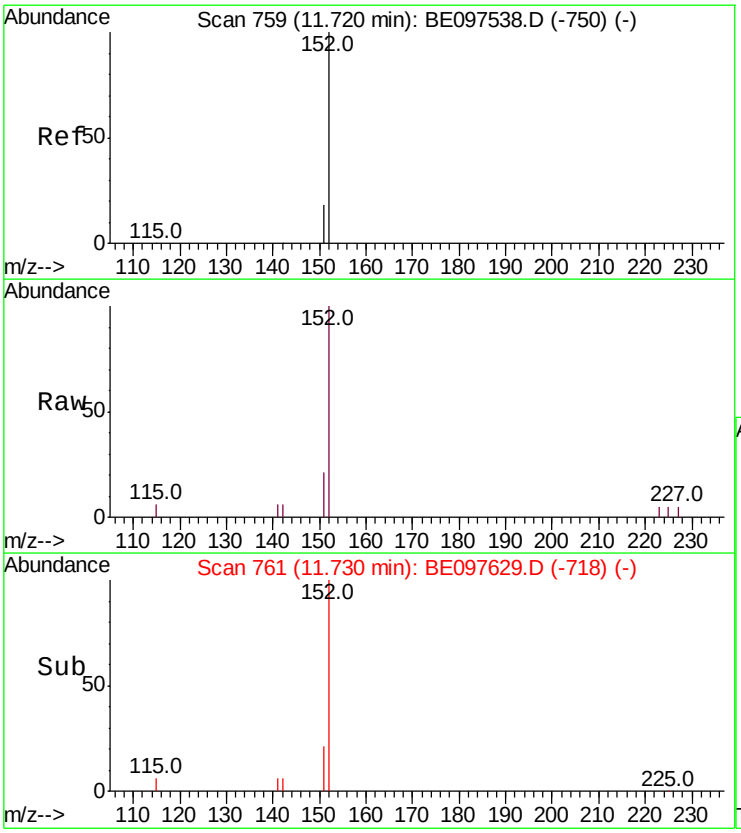
#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 8.56 min Scan# 494
Delta R.T. 0.02 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1054

Ion	Ratio	Lower	Upper
82	100		
128	42.5	24.0	36.0#
54	59.6	40.0	60.0

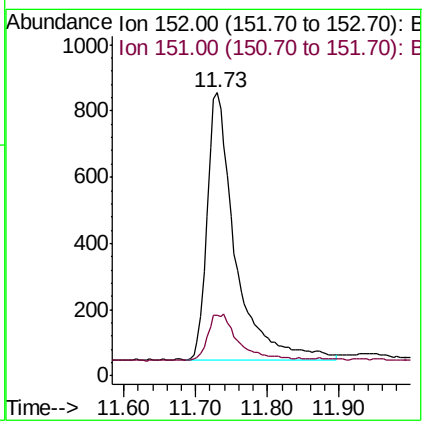


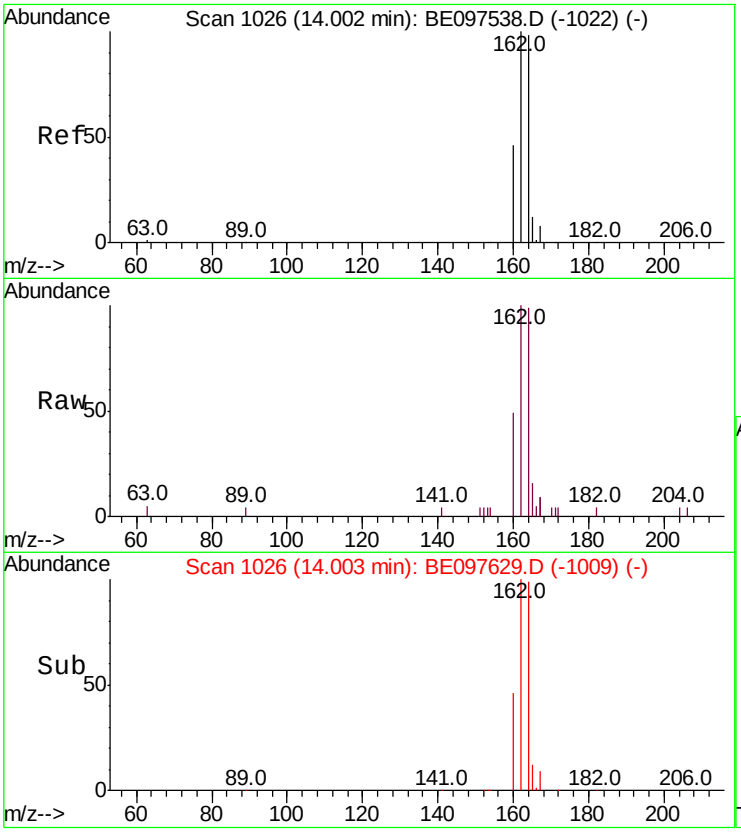


#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.01 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion:152 Resp: 2200

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0



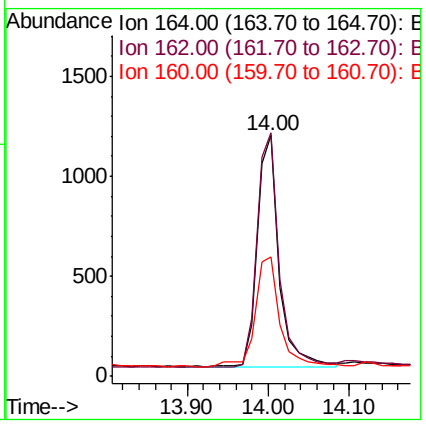


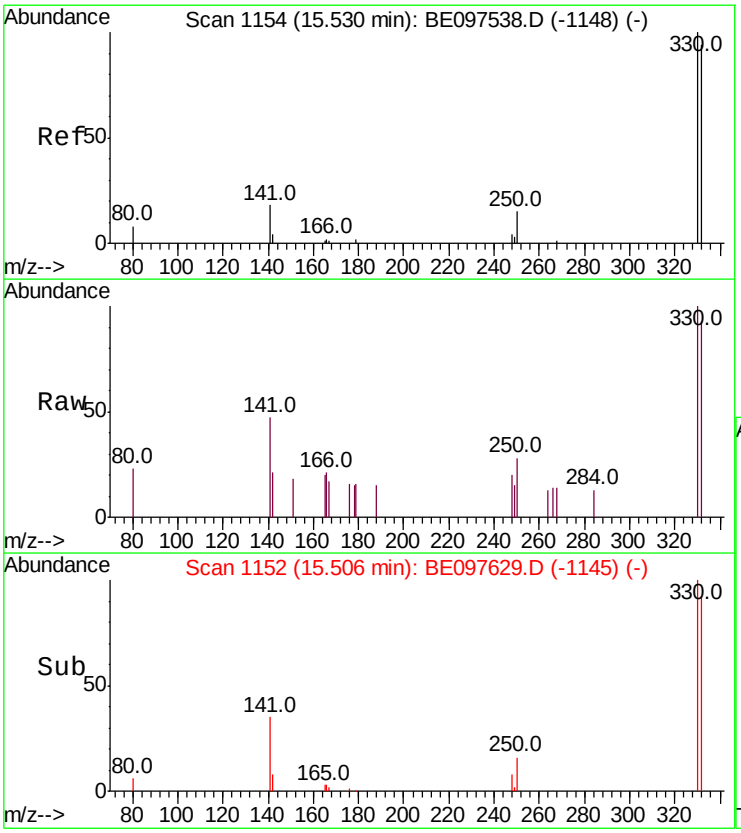
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2154

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.1	124.7
160	49.8	37.1	55.7

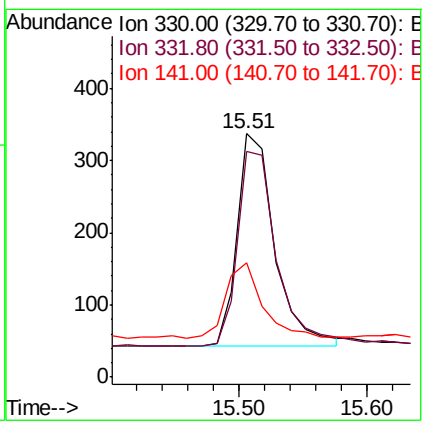


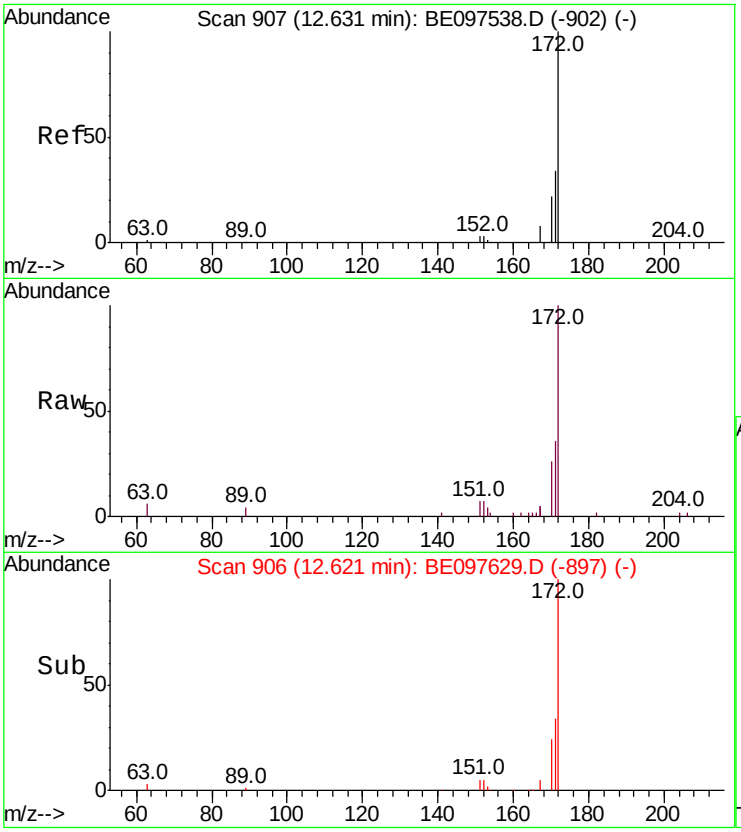


#14
2,4,6-Tribromophenol
Concen: 0.652 ng
RT: 15.51 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion:330 Resp: 594

Ion	Ratio	Lower	Upper
330	100		
332	95.5	152.7	229.1#
141	35.7	33.7	50.5



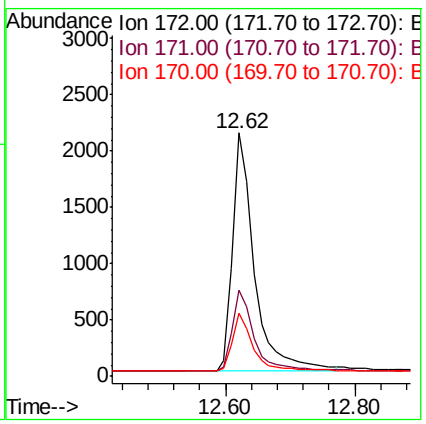


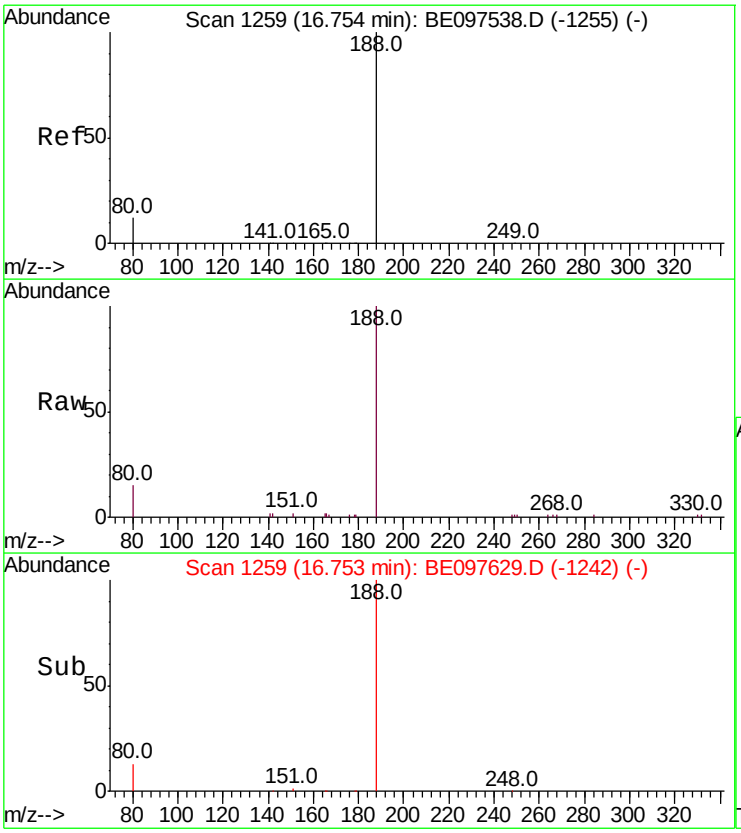
#15
2-Fluorobiphenyl
Concen: 0.648 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4930

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	26.0	21.8	32.8

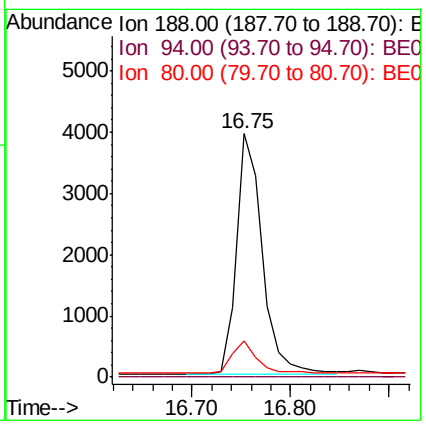


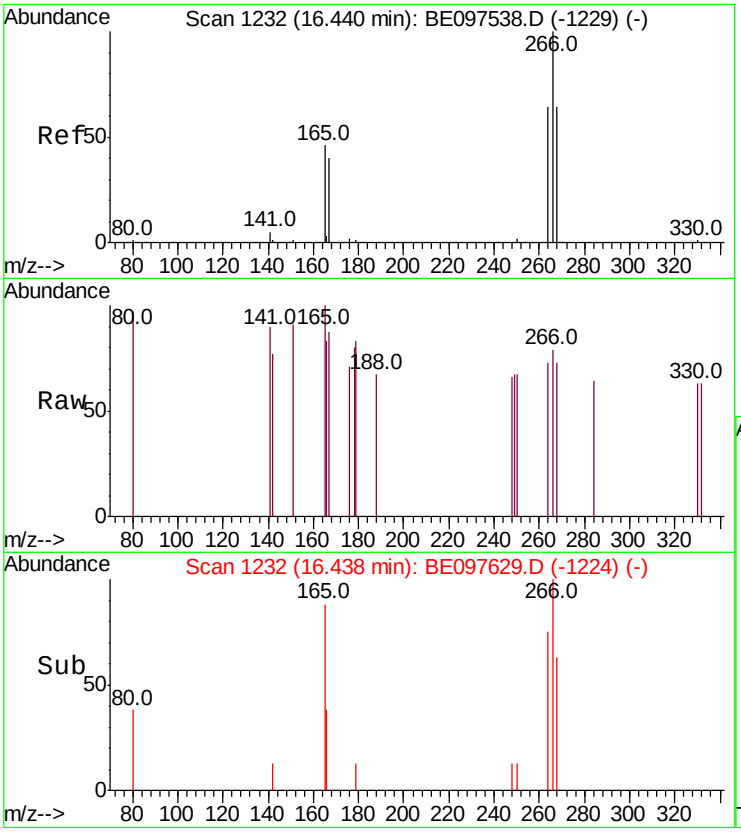


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion:188 Resp: 7118

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.7	3.6	5.4#



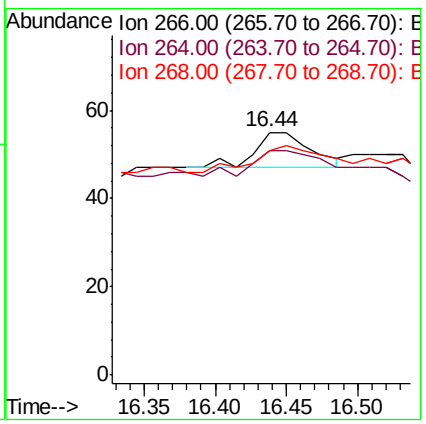


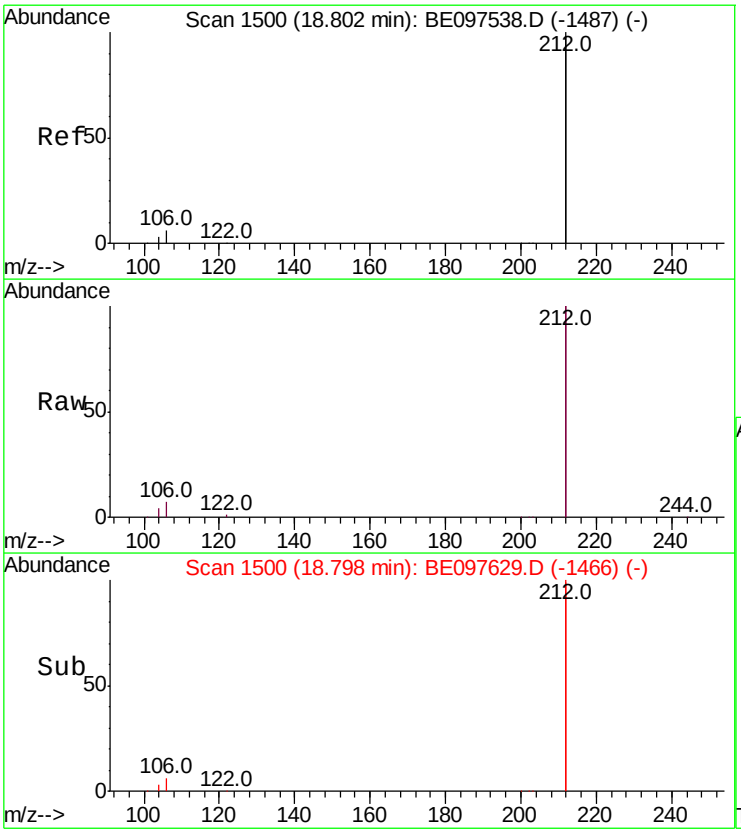
#22
Pentachlorophenol
Concen: 0.144 ng
RT: 16.44 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	92.7	72.5	108.7
268	92.7	73.8	110.6

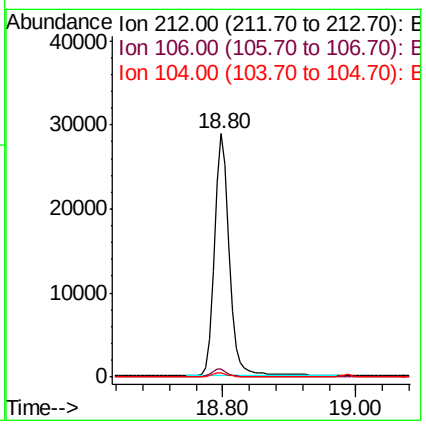


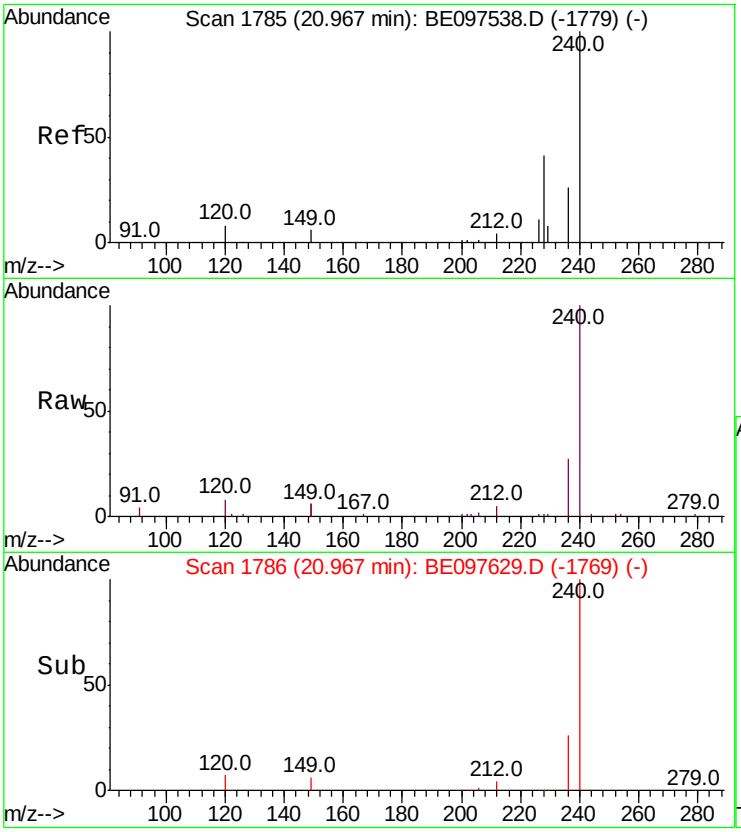


#25
Fluoranthene-d10
Concen: 0.482 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion:212 Resp: 43909

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



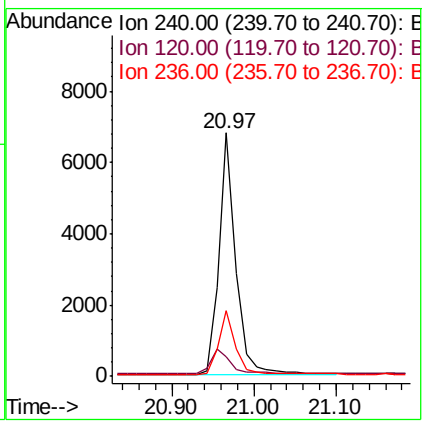


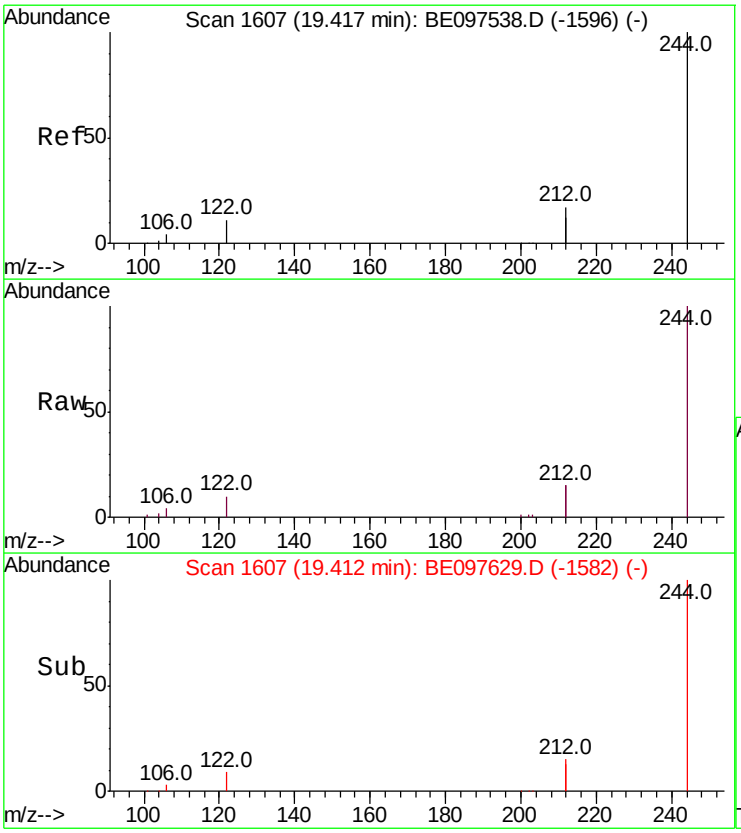
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9703

Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.5	8.3
236	27.1	20.7	31.1

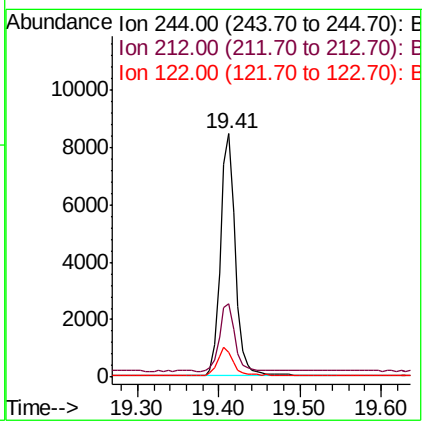


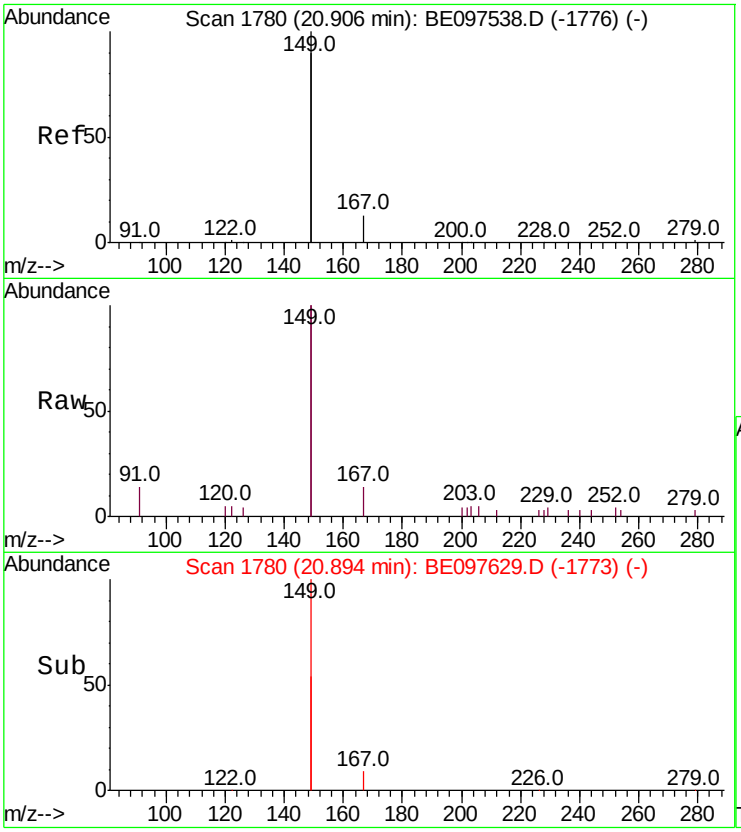


#29
Terphenyl-d14
Concen: 0.600 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion:244 Resp: 10647

Ion	Ratio	Lower	Upper
244	100		
212	30.2	25.4	38.0
122	10.1	8.1	12.1



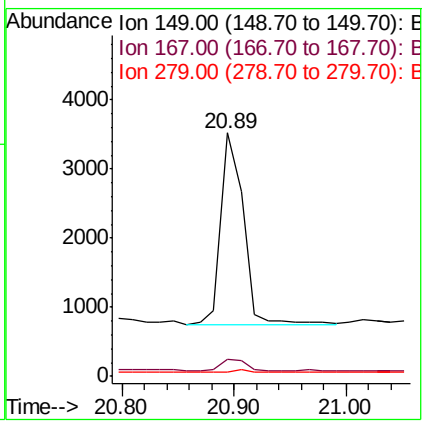


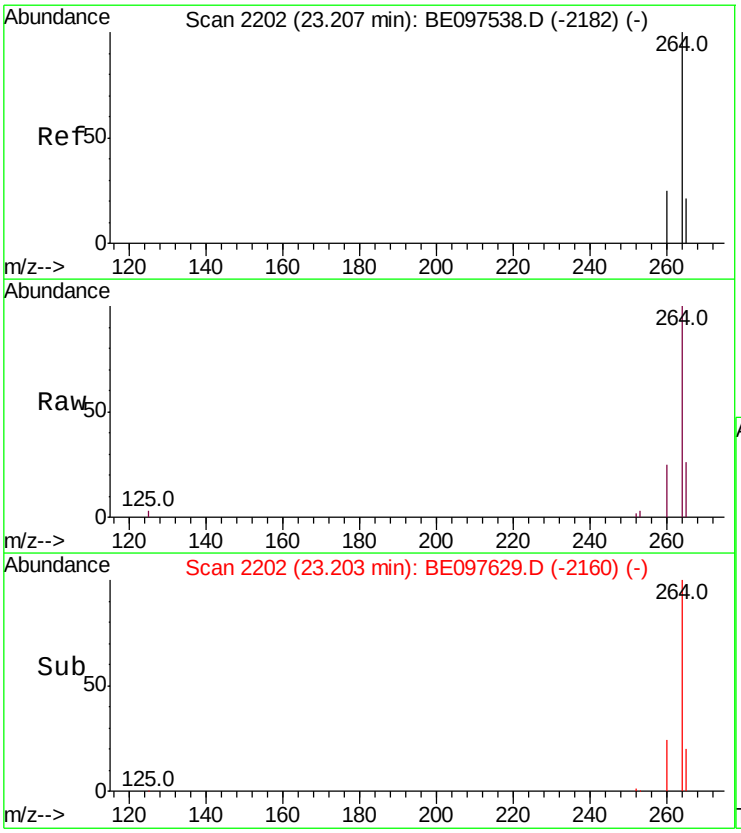
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.106 ng
RT: 20.89 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 3912

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1

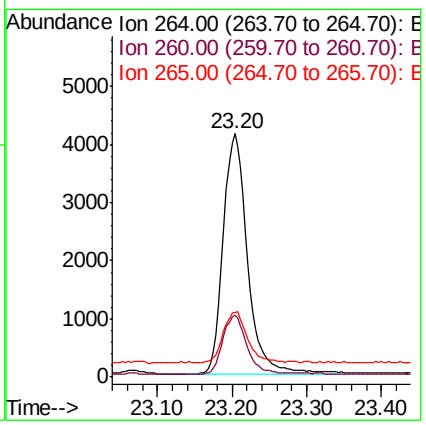


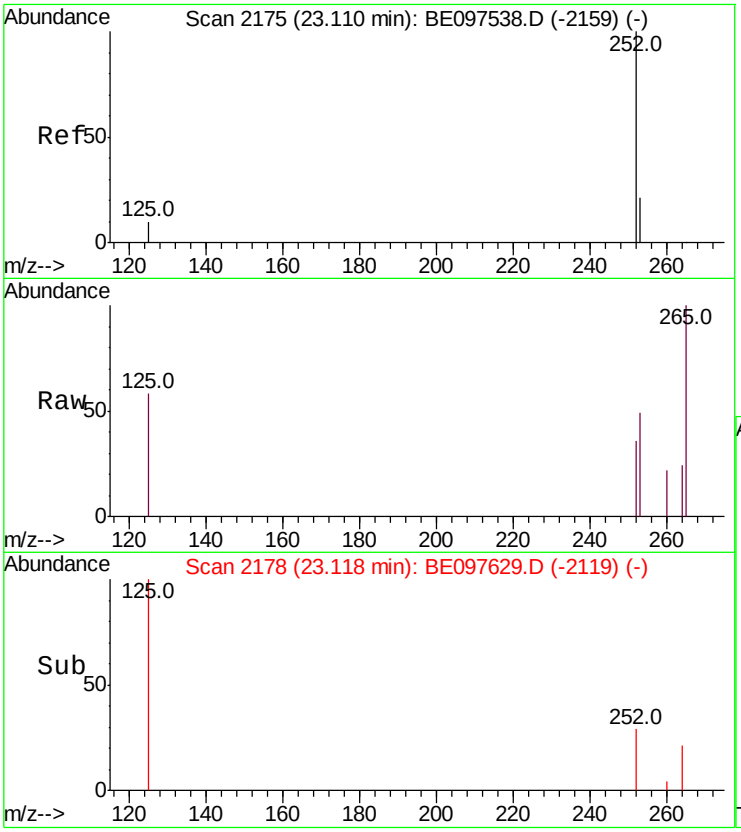


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion:264 Resp: 9294

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	26.4	22.8	34.2





#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.12 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7

Ion	Ratio	Lower	Upper
252	100		
253	133.3	16.0	24.0#
125	160.0	12.0	18.0#