Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097639.D
Acq On : 22 Sep 2018 8:42
Operator : SJ/JU
Sample : J4934-03DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FT-PZ460I-20180912DL

Quant Time: Sep 24 02:30:14 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	632	0.40	ng	0.01
7) Naphthalene-d8	10.16	136	3170	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	2415	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	8002	0.40	ng	0.01
27) Chrysene-d12	20.98	240	8219	0.40	ng	0.01
34) Perylene-d12	23.21	264	7835	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	116	0.06	ng	0.01
5) Phenol-d6	6.60	99	3	0.00	ng	0.00
8) Nitrobenzene-d5	8.49	82	12	0.00	ng	-0.04
11) 2-Methylnaphthalene-d10	11.79	152	523	0.12	ng	0.08
14) 2,4,6-Tribromophenol	15.53	330	119	0.20	ng	0.01
15) 2-Fluorobiphenyl	12.67	172	1129	0.13	ng	0.05
25) Fluoranthene-d10	18.81	212	10293	0.10	ng	0.00
29) Terphenyl-d14	19.42	244	2329	0.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	1728	1.741	ng	# 89
3) n-Nitrosodimethylamine	3.35	42	10	0.027	ng	# 1
22) Pentachlorophenol	16.46	266	22	0.142	ng	98
32) Bis(2-ethylhexyl)phthalate	20.91	149	716	0.031	ng	# 98
37) Benzo(a)pyrene	23.12	252	3	0.021	ng	# 1

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

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QLast Update : Thu Sep 20 10:54:43 2018
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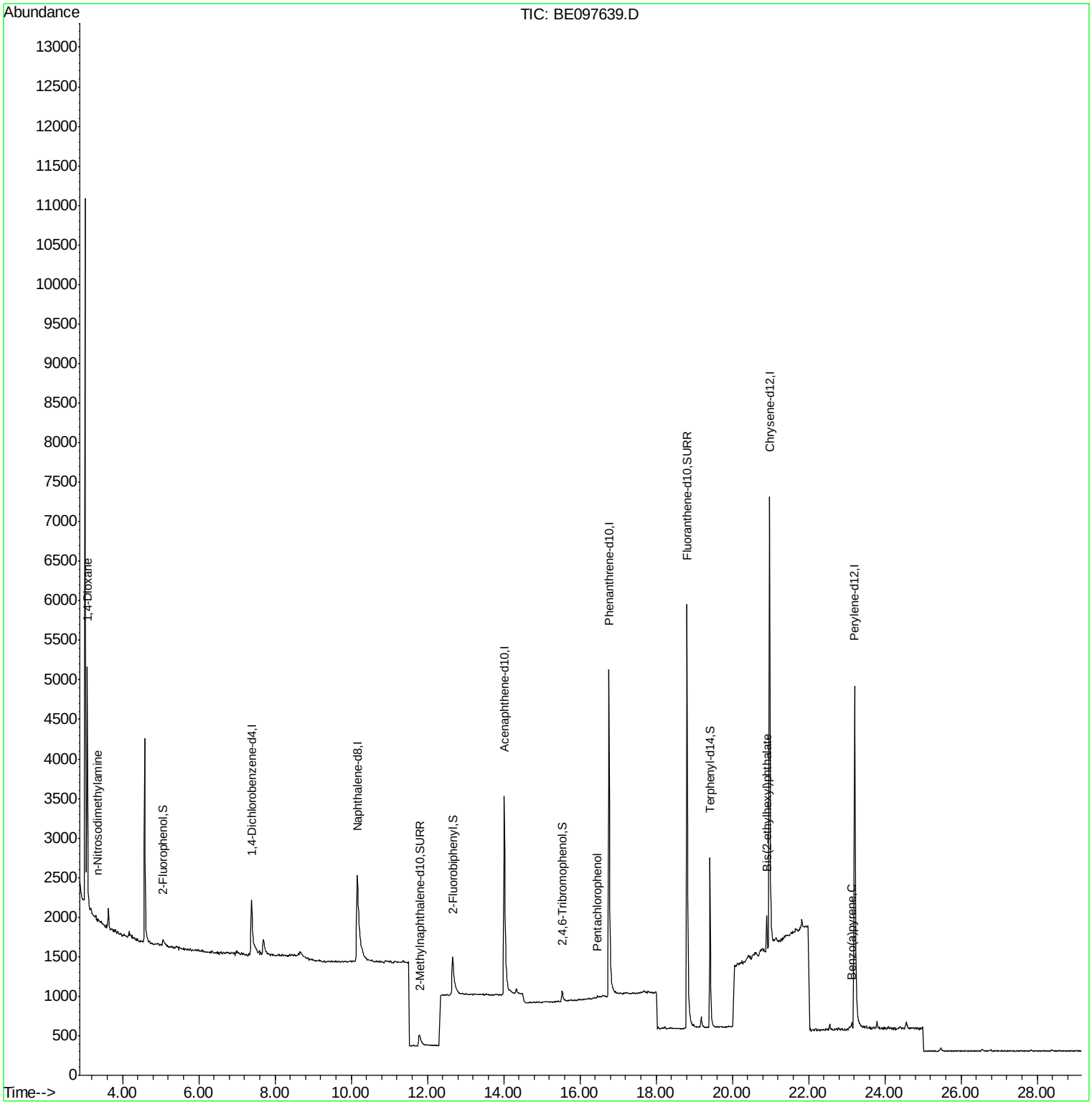
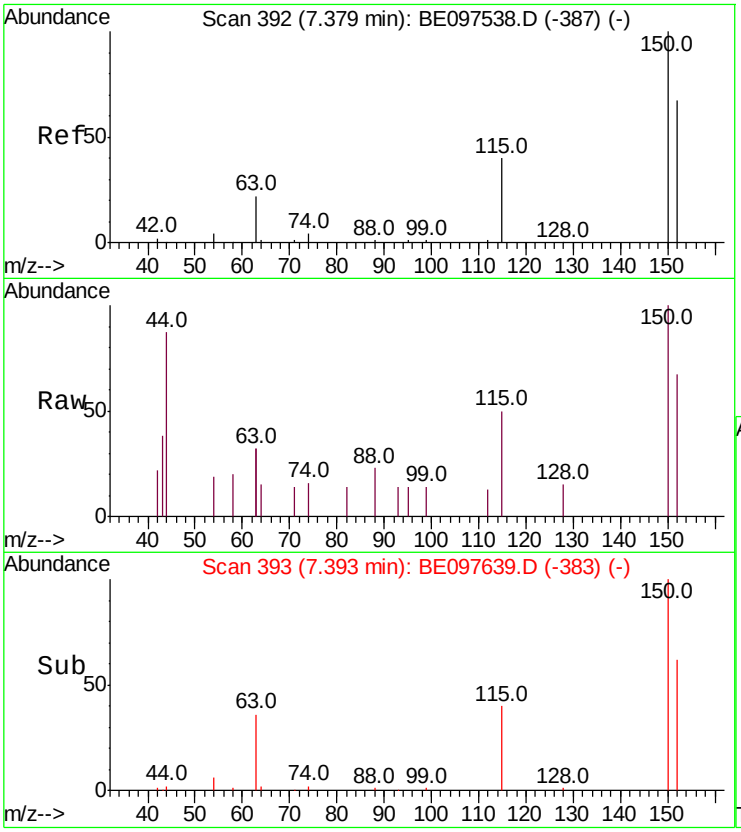


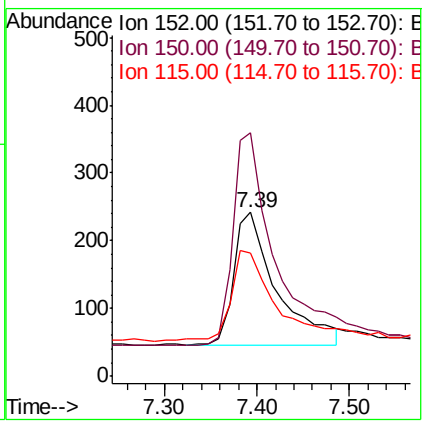


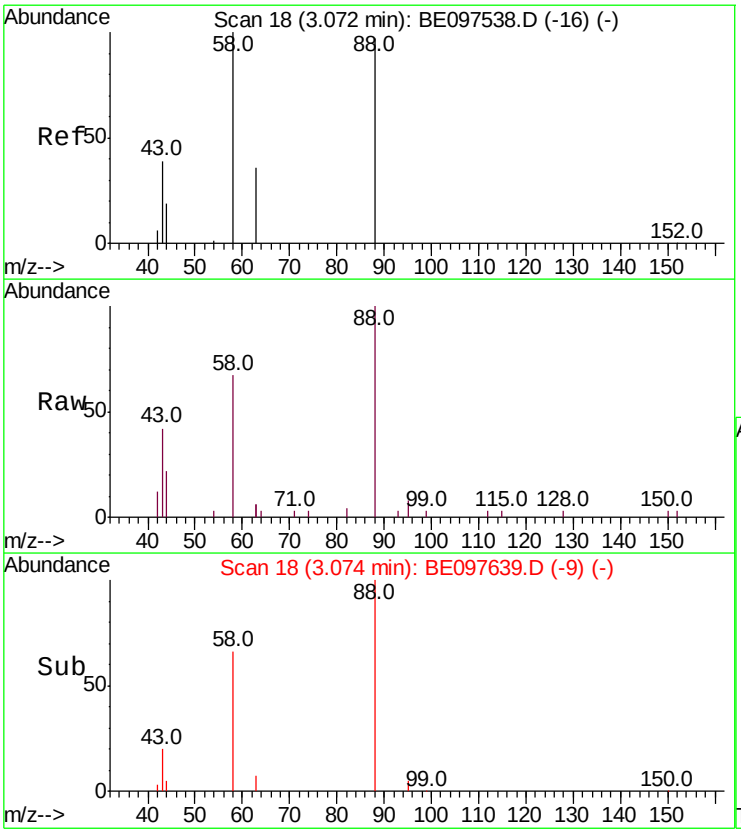
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912DL

Tgt Ion:152 Resp: 632

Ion	Ratio	Lower	Upper
152	100		
150	148.3	117.2	175.8
115	74.8	57.0	85.6

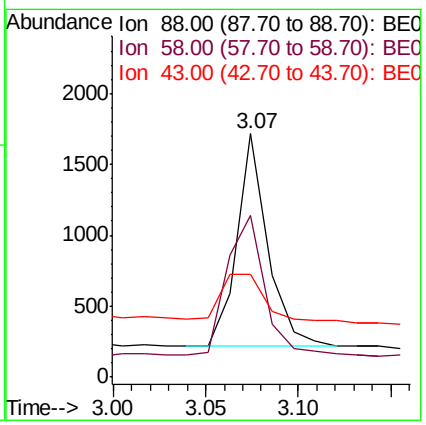


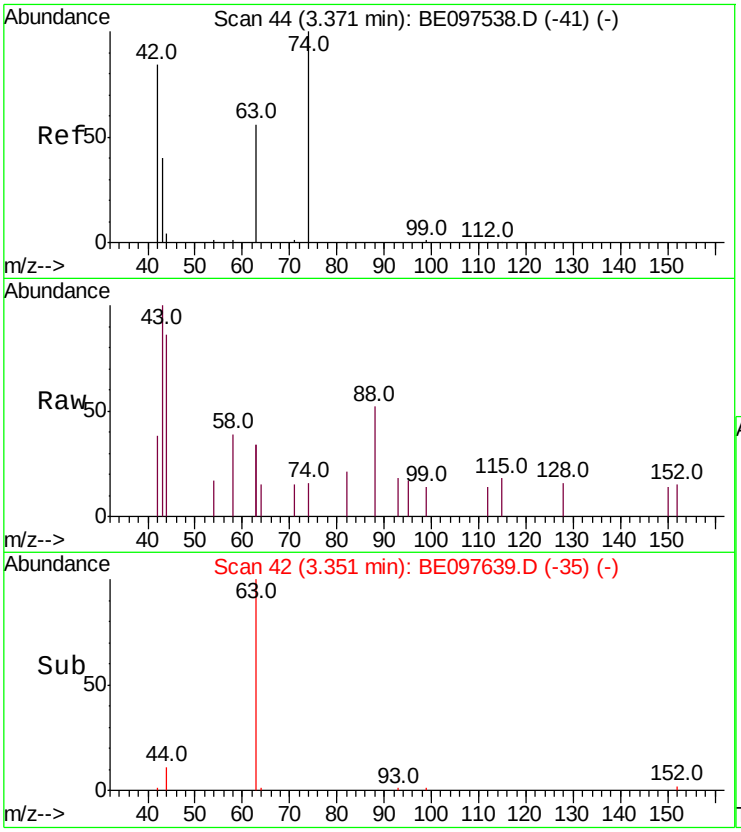


#2
1,4-Dioxane
Concen: 1.741 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Tgt Ion: 88 Resp: 1728

Ion	Ratio	Lower	Upper
88	100		
58	81.7	63.2	94.8
43	34.8	41.2	61.8#



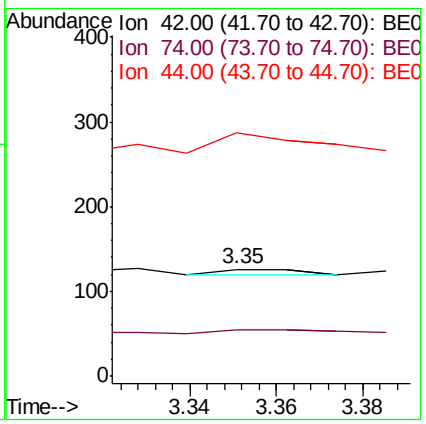


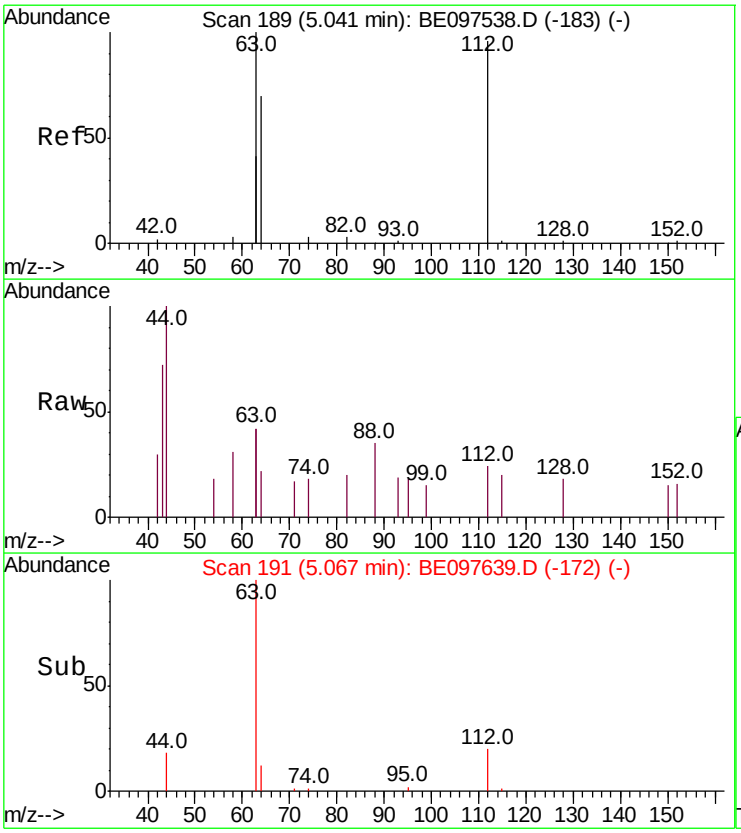
#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.02 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912DL

Tgt Ion: 42 Resp: 10

Ion	Ratio	Lower	Upper
42	100		
74	100.0	96.0	144.0
44	370.0	12.0	18.0#

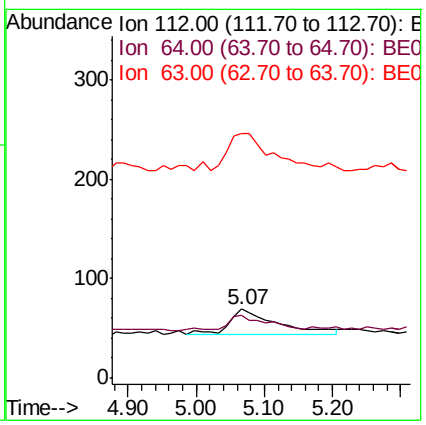


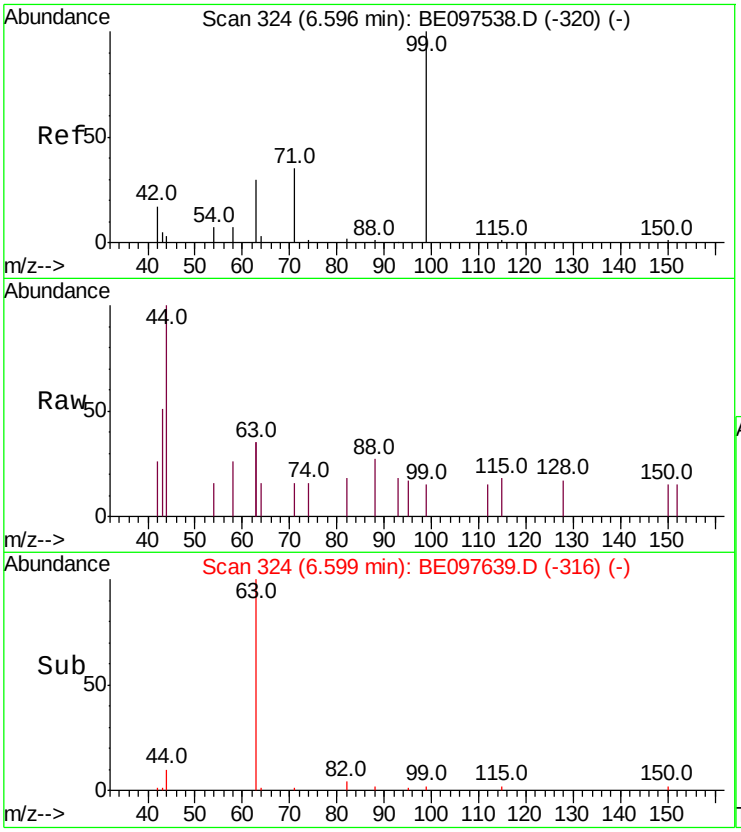


#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.07 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Tgt Ion:112 Resp: 116

Ion	Ratio	Lower	Upper
112	100		
64	47.4	60.1	90.1#
63	162.1	116.8	175.2



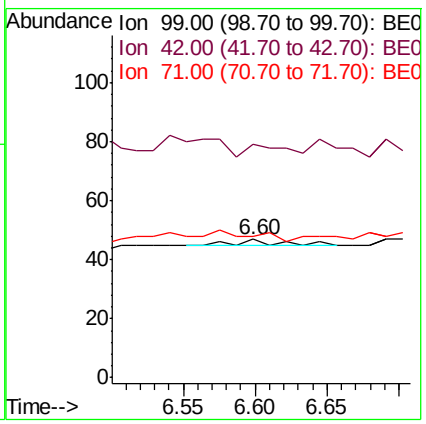


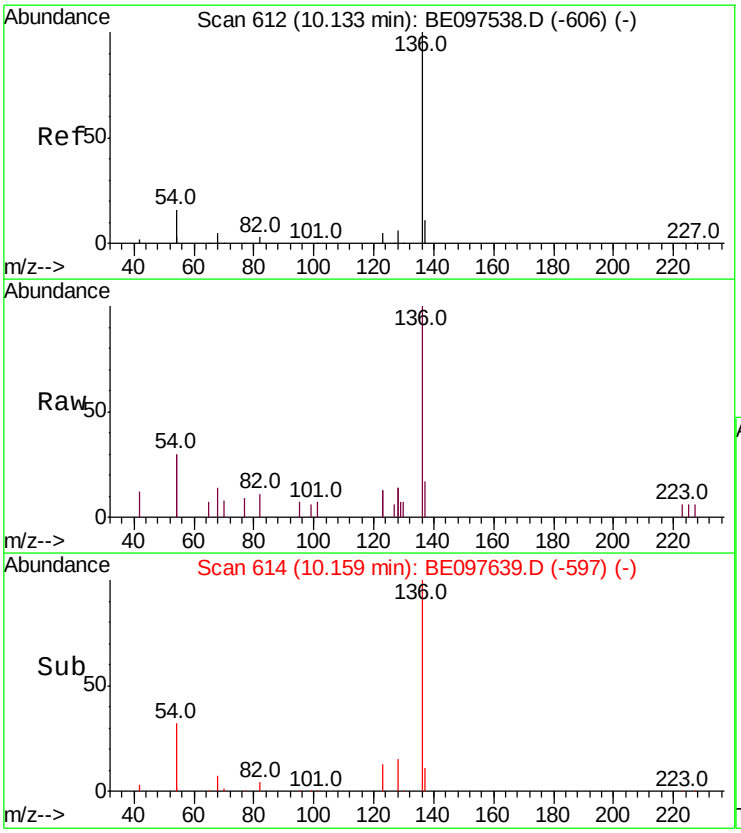
#5
Phenol-d6
Concen: 0.001 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.01 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912DL

Tgt Ion: 99 Resp: 3

Ion	Ratio	Lower	Upper
99	100		
42	266.7	20.2	30.2#
71	0.0	28.4	42.6#

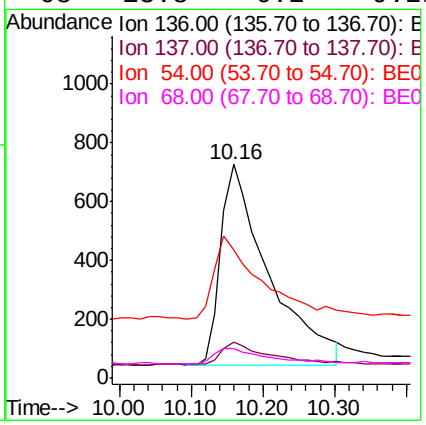


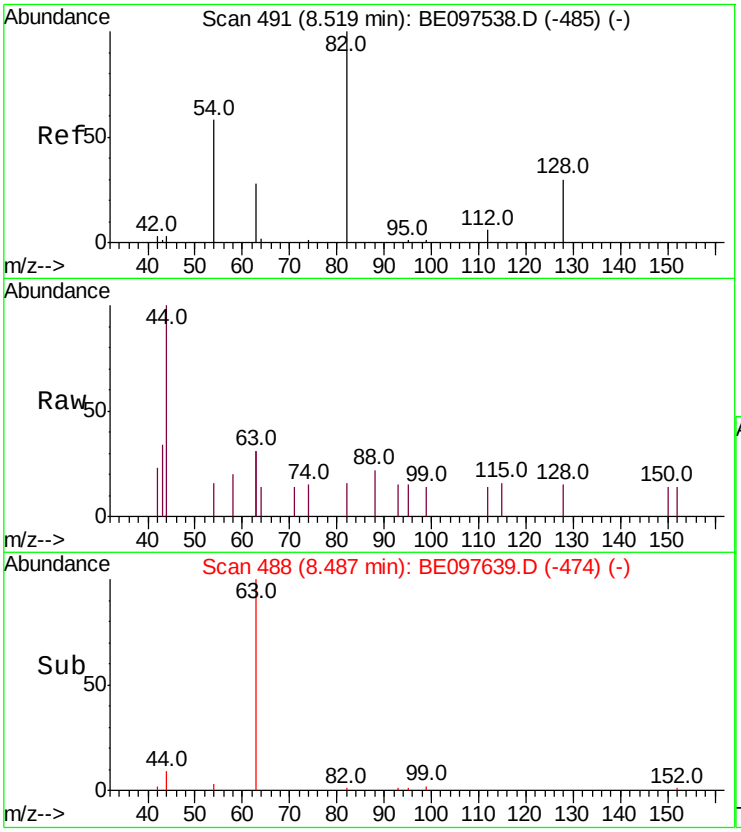


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.03 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Tgt Ion:136 Resp: 3170

Ion	Ratio	Lower	Upper
136	100		
137	16.6	9.5	14.3#
54	60.0	29.1	43.7#
68	13.8	6.2	9.2#



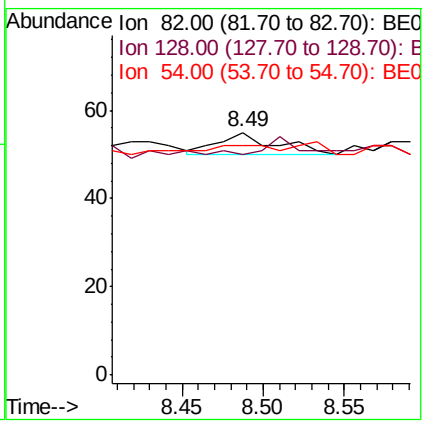


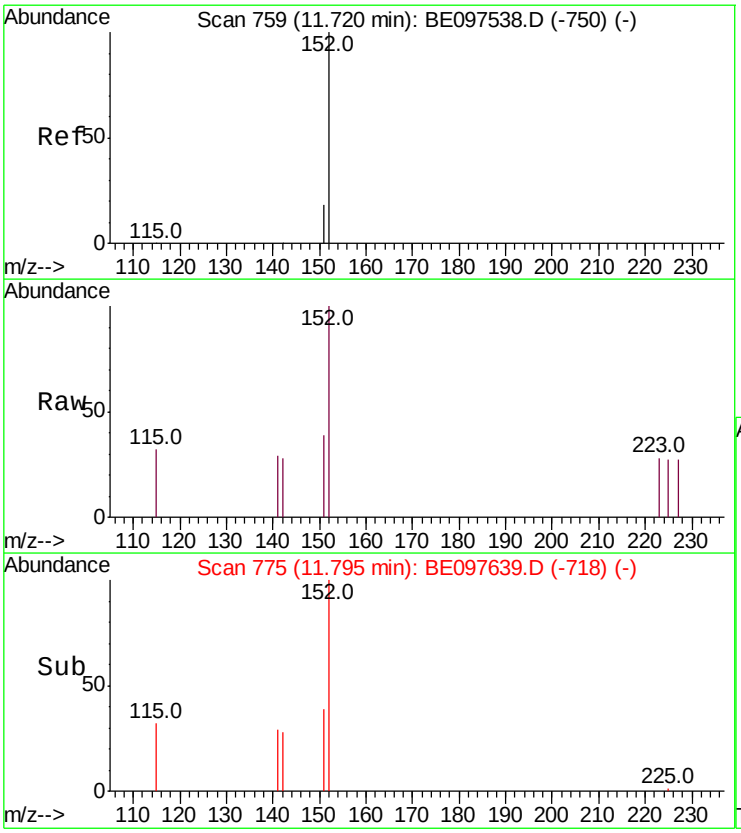
#8
Nitrobenzene-d5
Concen: 0.005 ng
RT: 8.49 min Scan# 488
Delta R.T. -0.04 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912DL

Tgt Ion: 82 Resp: 12

Ion	Ratio	Lower	Upper
82	100		
128	90.9	24.0	36.0#
54	94.5	40.0	60.0#

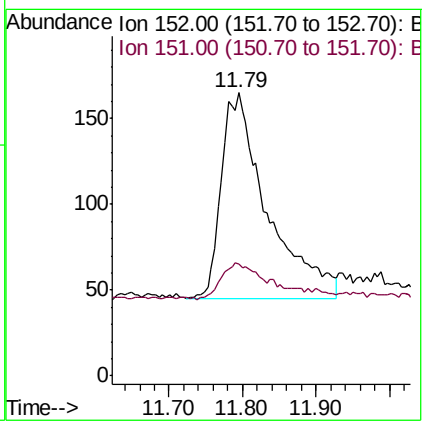


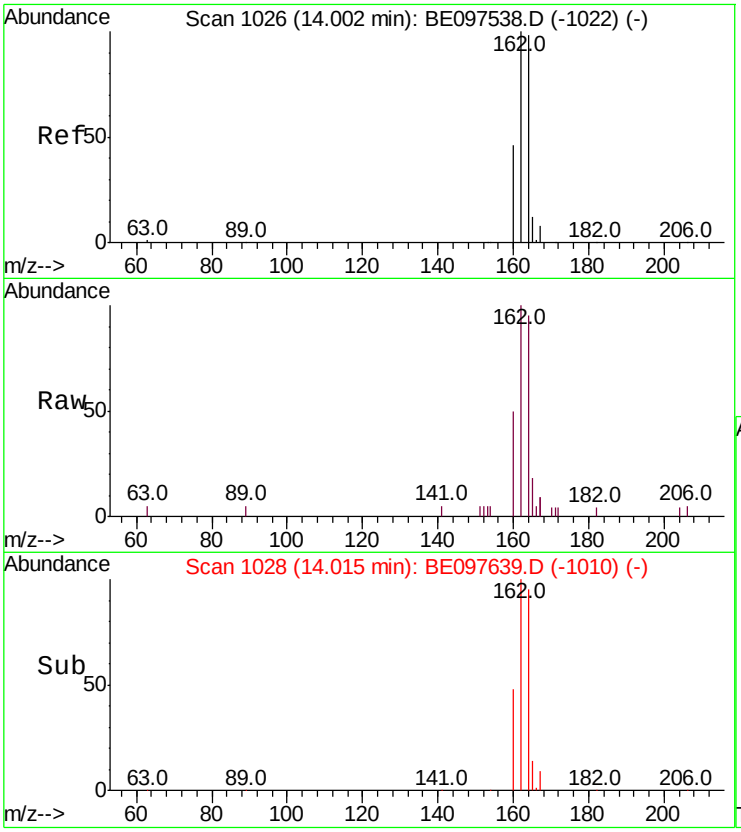


#11
2-Methylnaphthalene-d10
Concen: 0.120 ng
RT: 11.79 min Scan# 775
Delta R.T. 0.08 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Tgt Ion:152 Resp: 523

Ion	Ratio	Lower	Upper
152	100		
151	14.3	15.4	23.0#



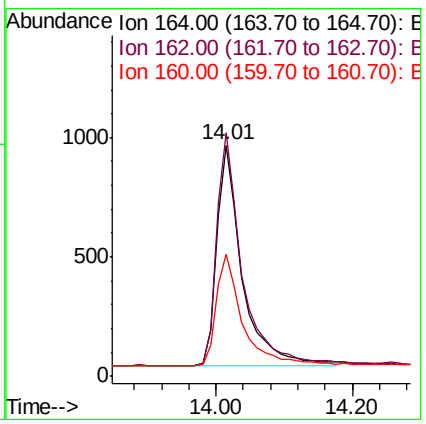


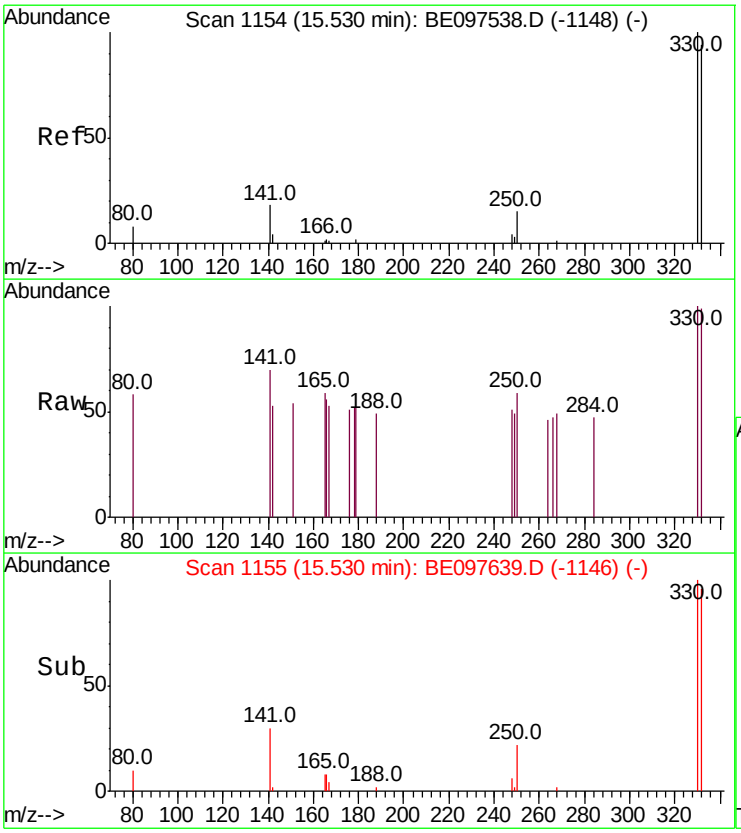
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912DL

Tgt Ion:164 Resp: 2415

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.1	124.7
160	52.5	37.1	55.7

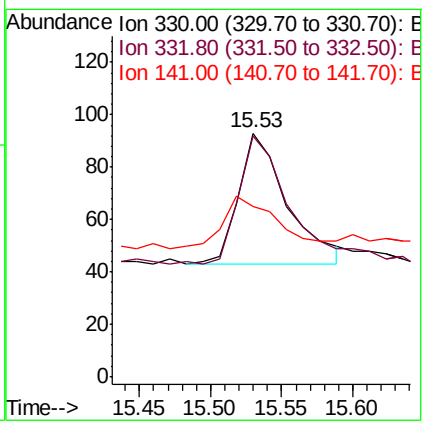


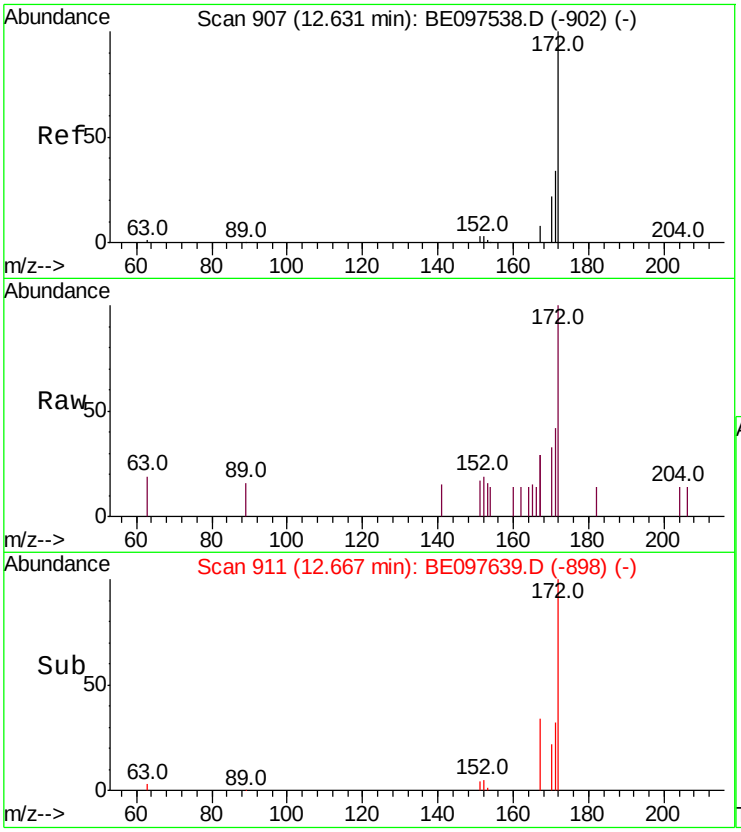


#14
2,4,6-Tribromophenol
Concen: 0.201 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Tgt Ion:330 Resp: 119

Ion	Ratio	Lower	Upper
330	100		
332	98.3	152.7	229.1#
141	43.7	33.7	50.5



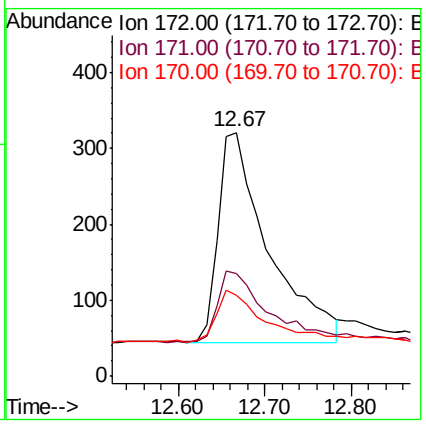


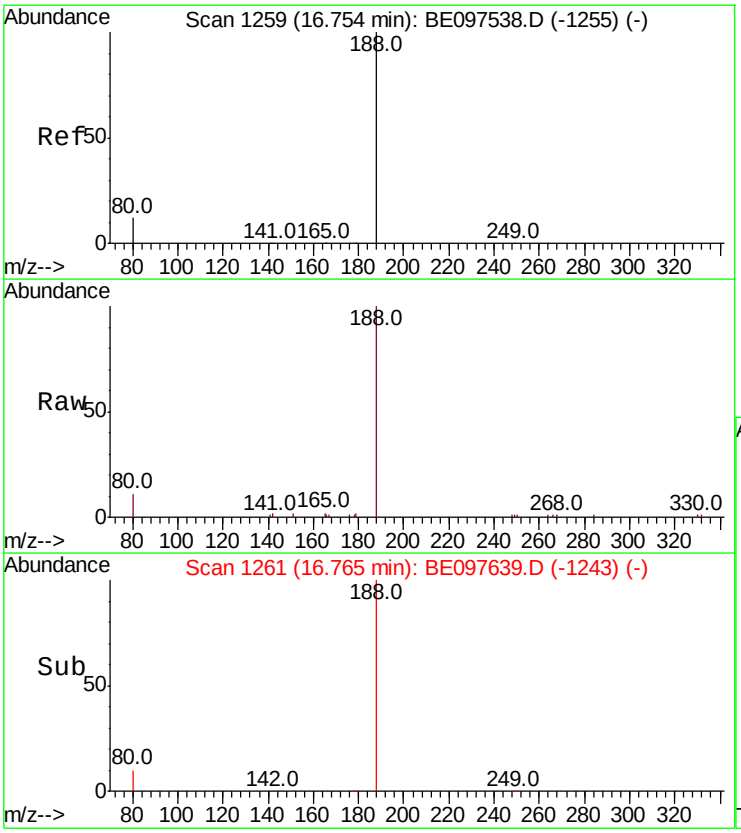
#15
2-Fluorobiphenyl
Concen: 0.132 ng
RT: 12.67 min Scan# 911
Delta R.T. 0.05 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912DL

Tgt Ion:172 Resp: 1129

Ion	Ratio	Lower	Upper
172	100		
171	42.4	29.9	44.9
170	33.3	21.8	32.8#

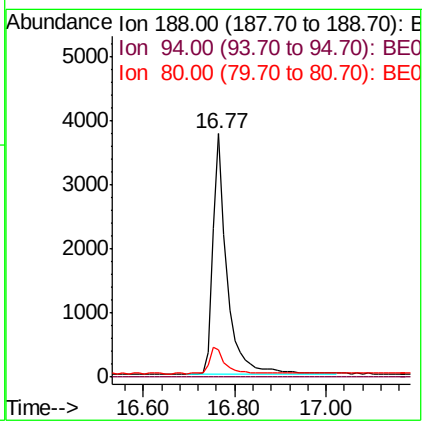


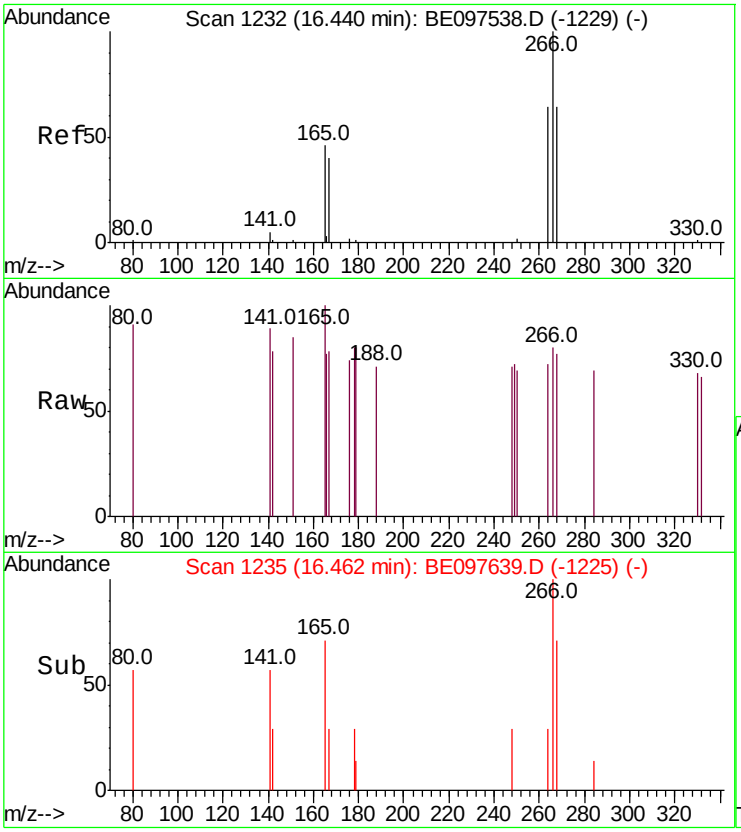


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Tgt Ion:188 Resp: 8002

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.2	3.6	5.4#



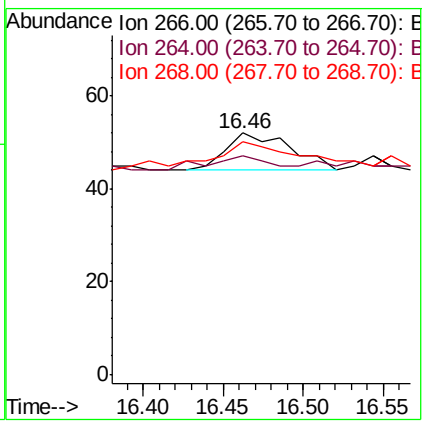


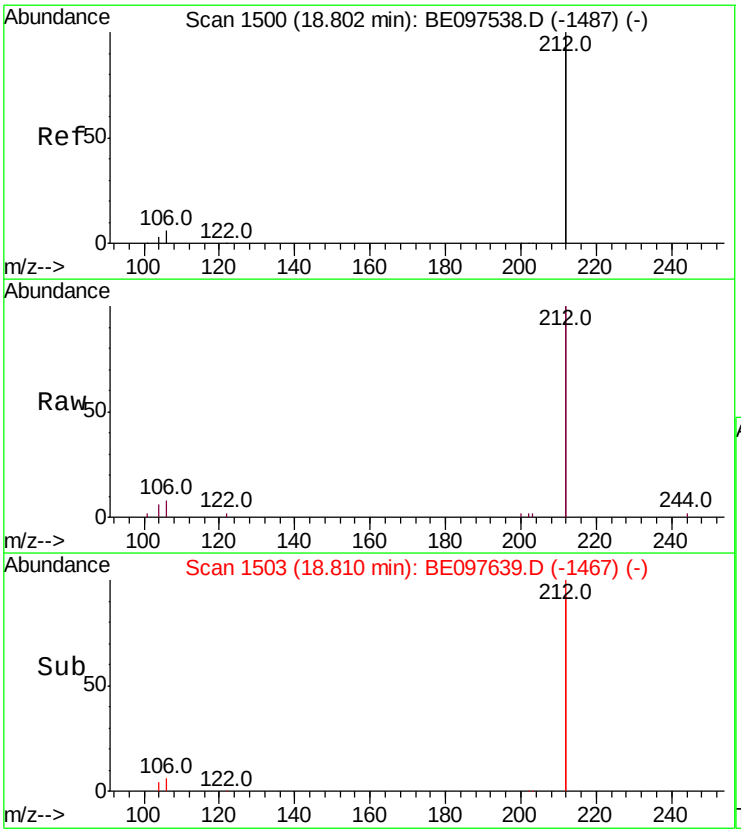
#22
Pentachlorophenol
Concen: 0.142 ng
RT: 16.46 min Scan# 1235
Delta R.T. 0.02 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912DL

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	90.4	72.5	108.7
268	96.2	73.8	110.6

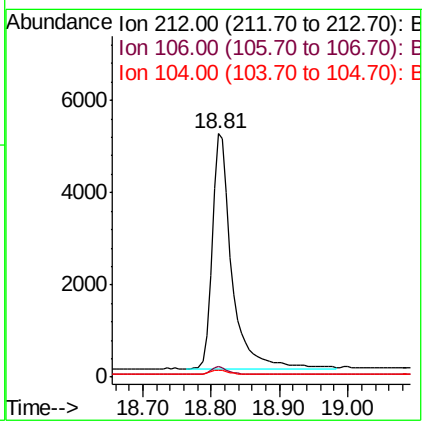


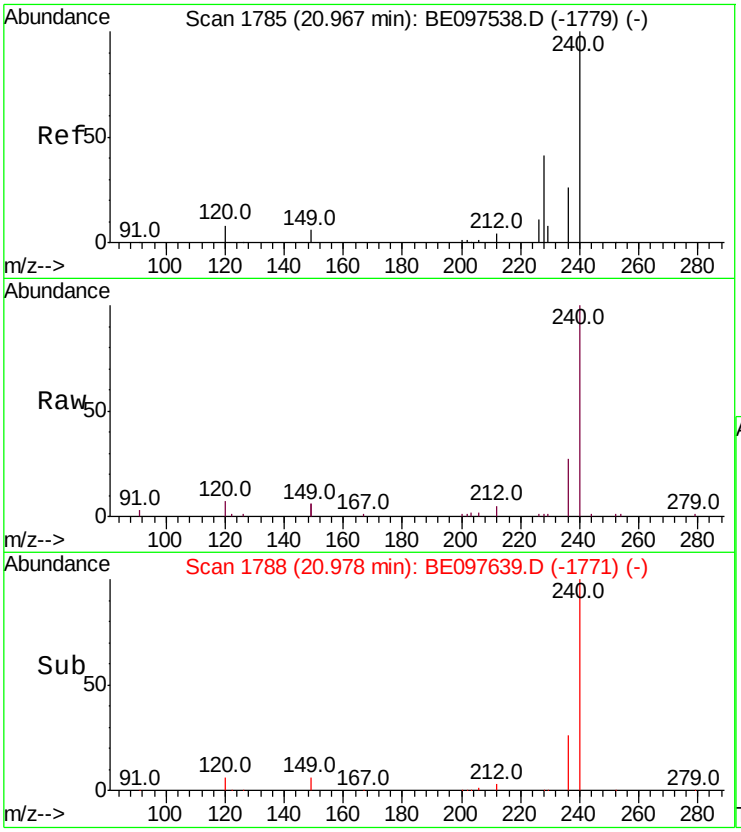


#25
Fluoranthene-d10
Concen: 0.100 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Tgt Ion:212 Resp: 10293

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.8	1.6	2.4



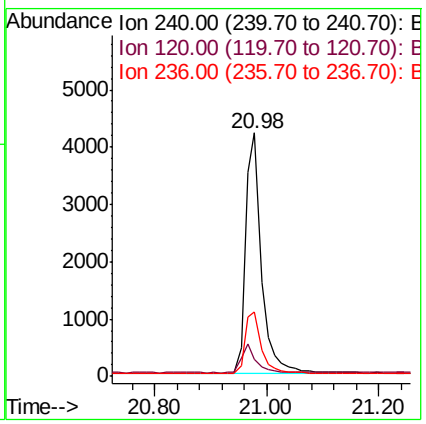


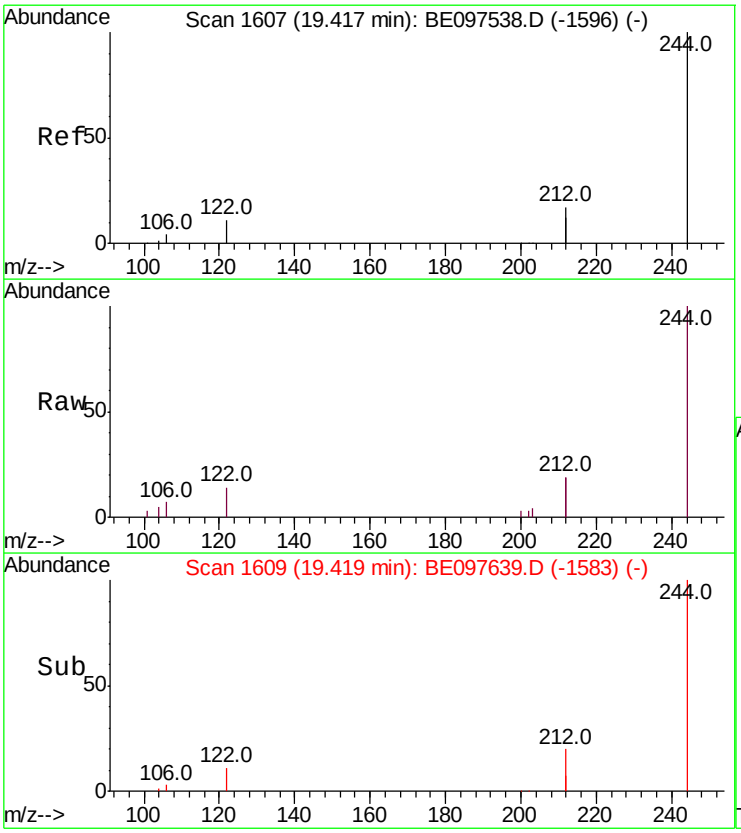
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912DL

Tgt Ion:240 Resp: 8219

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.5	8.3
236	26.6	20.7	31.1

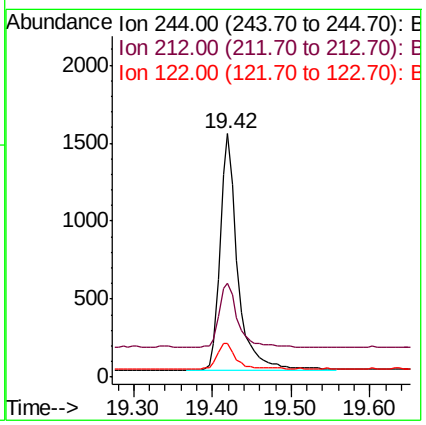


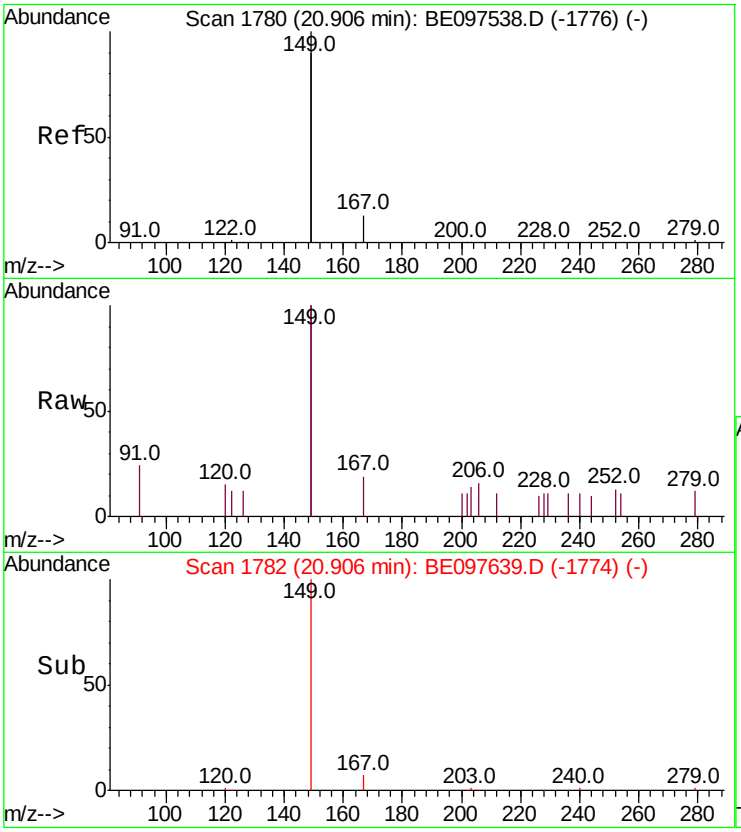


#29
Terphenyl-d14
Concen: 0.155 ng
RT: 19.42 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Tgt Ion:244 Resp: 2329

Ion	Ratio	Lower	Upper
244	100		
212	38.6	25.4	38.0#
122	13.6	8.1	12.1#



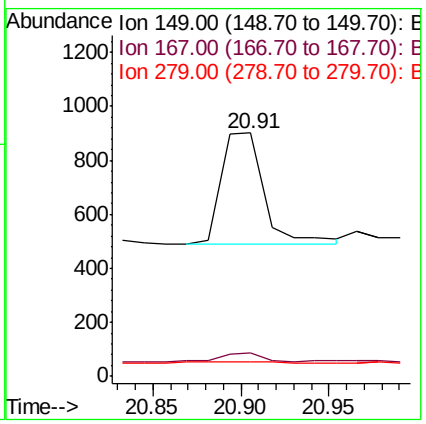


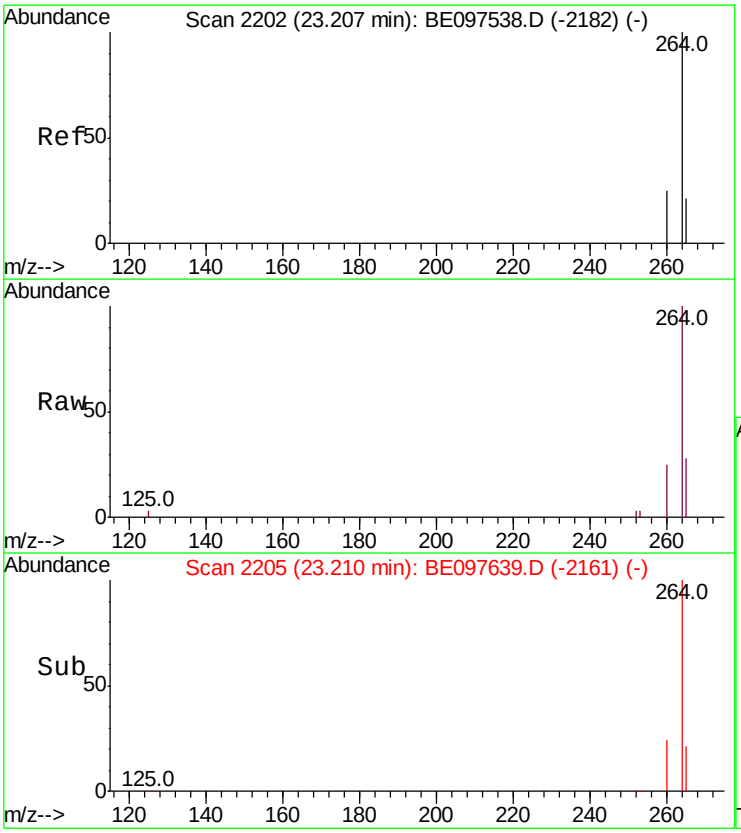
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.031 ng
RT: 20.91 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912DL

Tgt Ion:149 Resp: 716

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.4	8.0
279	1.7	0.7	1.1#

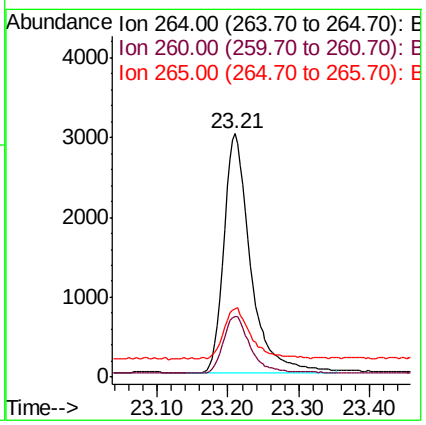


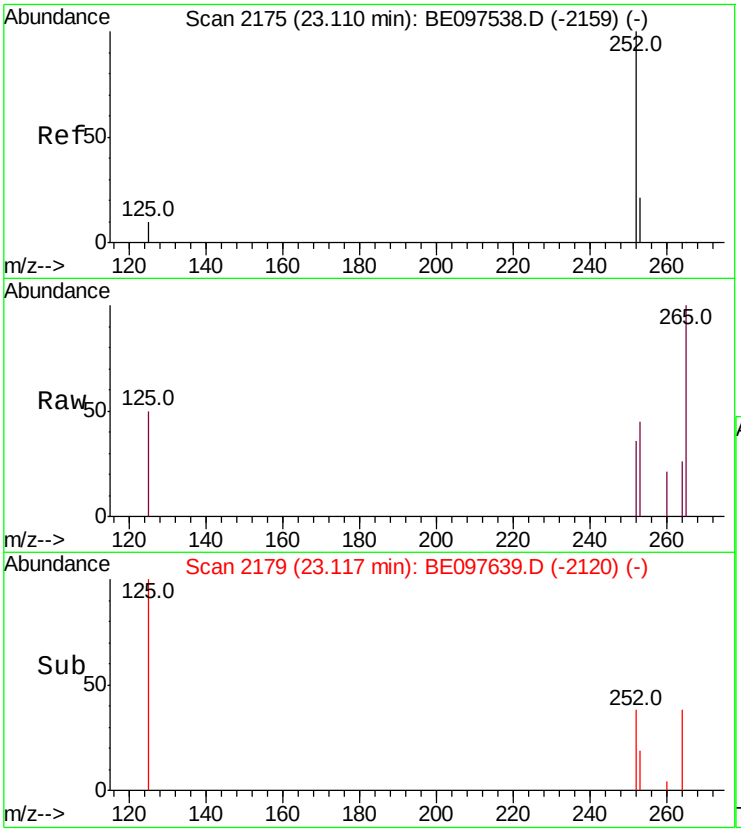


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Tgt Ion:264 Resp: 7835

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	28.0	22.8	34.2





#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.12 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BE097639.D
Acq: 22 Sep 2018 8:42

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912DL

Tgt Ion:252 Resp: 3

Ion	Ratio	Lower	Upper
252	100		
253	125.3	16.0	24.0#
125	138.0	12.0	18.0#