Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097638.D
Acq On : 22 Sep 2018 8:06
Operator : SJ/JU
Sample : J4934-02DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FT-PZ461I-20180912DL

Quant Time: Sep 24 02:30:05 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	659	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3101	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	2436	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	7840	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8437	0.40	ng	0.00
34) Perylene-d12	23.21	264	8059	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	113	0.06	ng	0.01
5) Phenol-d6	6.62	99	6	0.00	ng	0.01
8) Nitrobenzene-d5	8.52	82	3	0.00	ng	0.00
11) 2-Methylnaphthalene-d10	11.79	152	476	0.11	ng	0.07
14) 2,4,6-Tribromophenol	15.53	330	134	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.66	172	1138	0.13	ng	0.03
25) Fluoranthene-d10	18.82	212	9871	0.10	ng	0.01
29) Terphenyl-d14	19.42	244	2244	0.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	1724	1.663	ng	# 90
3) n-Nitrosodimethylamine	3.38	42	17	0.034	ng	# 38
22) Pentachlorophenol	16.46	266	18	0.140	ng	96
32) Bis(2-ethylhexyl)phthalate	20.89	149	1466	0.052	ng	# 100
37) Benzo(a)pyrene	23.11	252	6	0.021	ng	# 1

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

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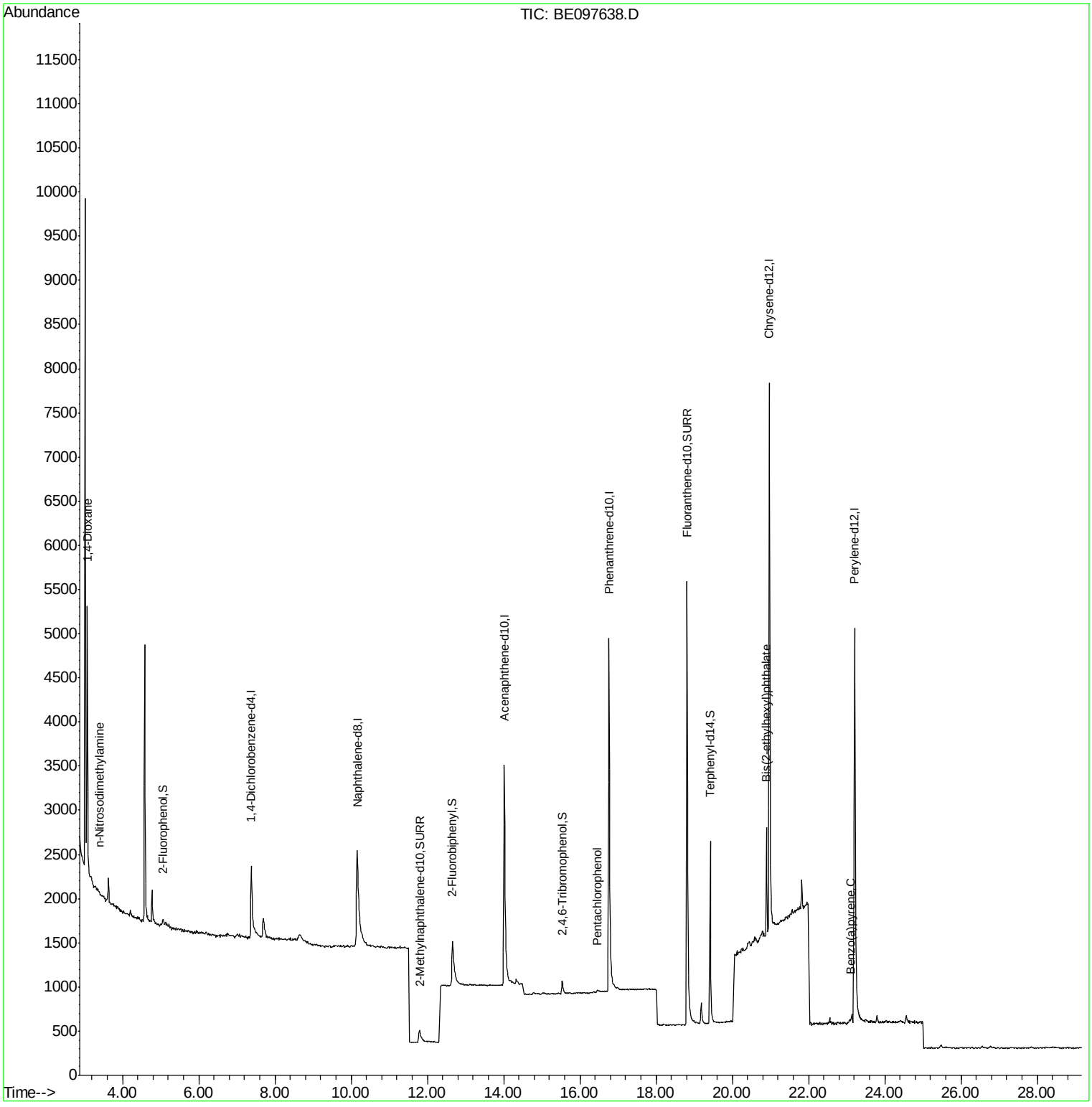
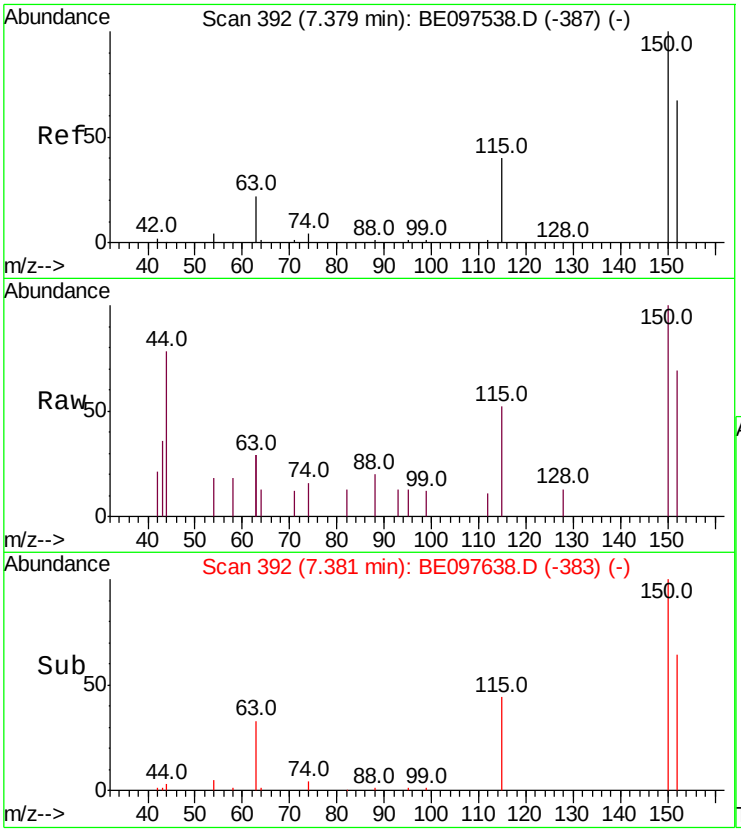


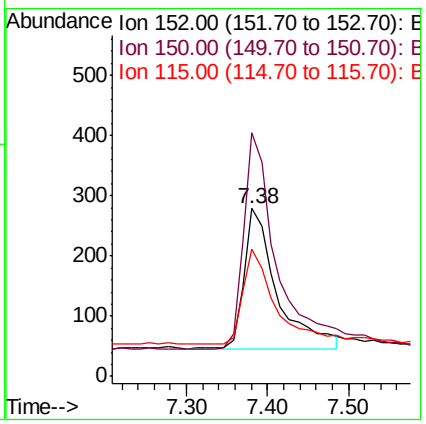


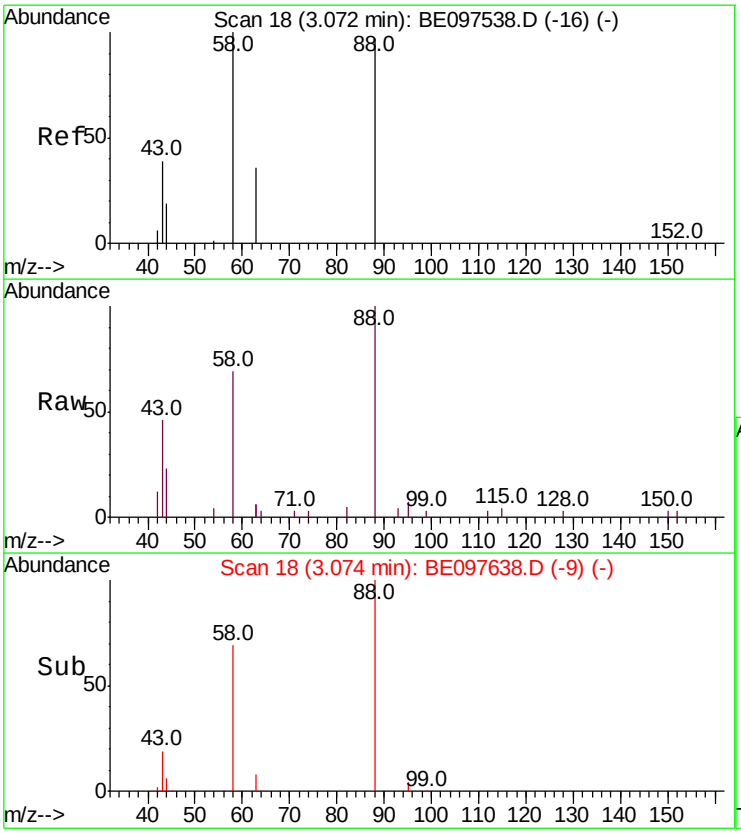
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tgt Ion:152 Resp: 659

Ion	Ratio	Lower	Upper
152	100		
150	144.8	117.2	175.8
115	76.0	57.0	85.6

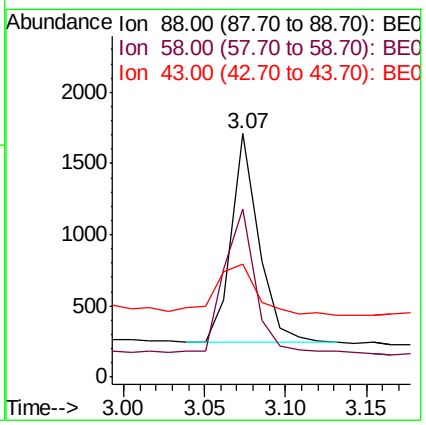


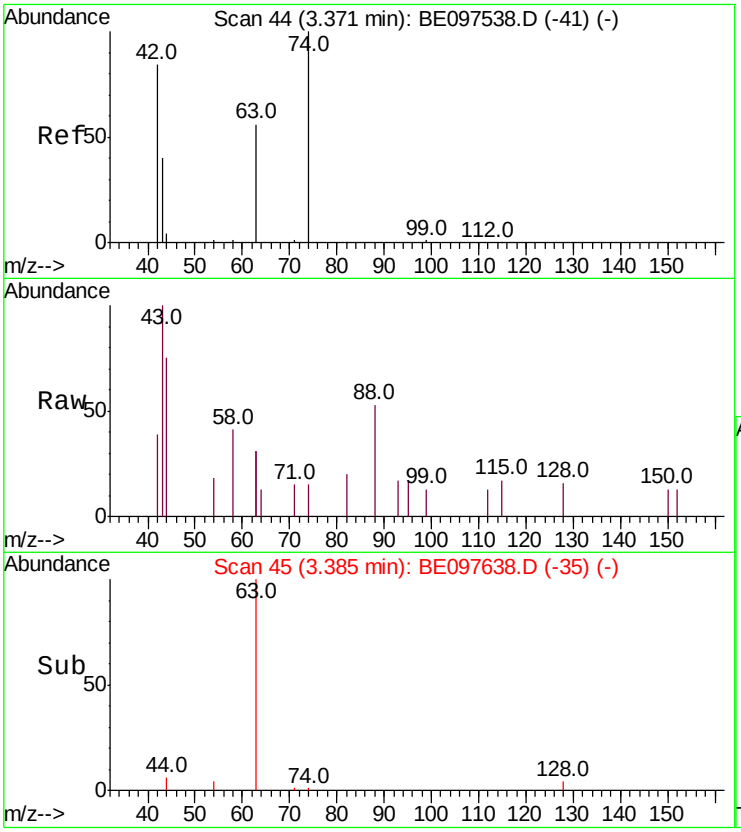


#2
1,4-Dioxane
Concen: 1.663 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion: 88 Resp: 1724

Ion	Ratio	Lower	Upper
88	100		
58	75.2	63.2	94.8
43	37.8	41.2	61.8#



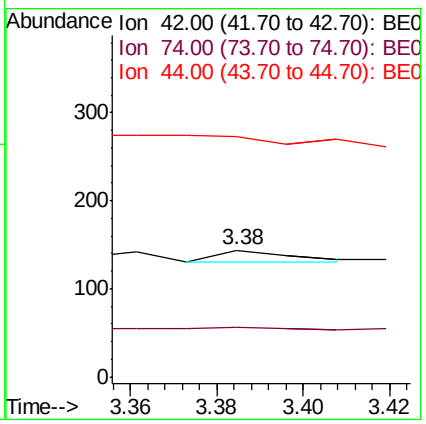


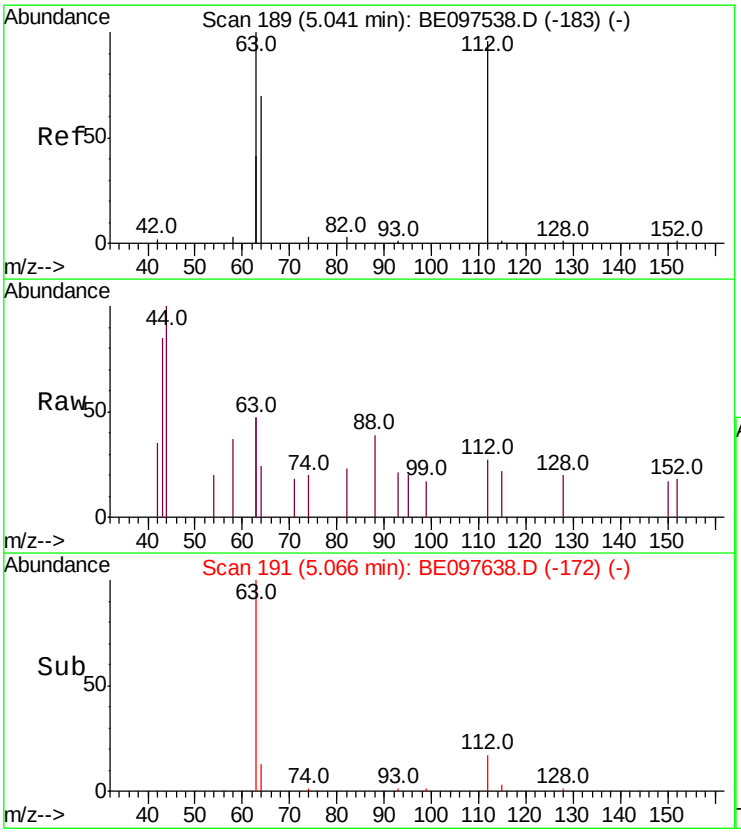
#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tgt Ion: 42 Resp: 17

Ion	Ratio	Lower	Upper
42	100		
74	47.1	96.0	144.0#
44	0.0	12.0	18.0#

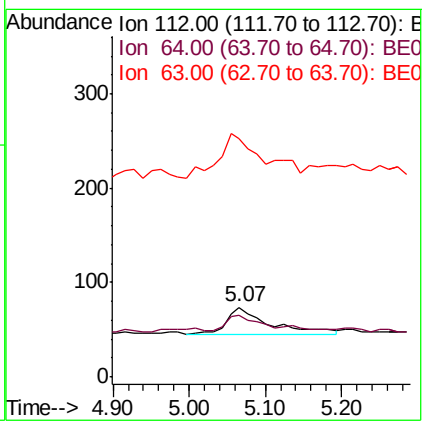


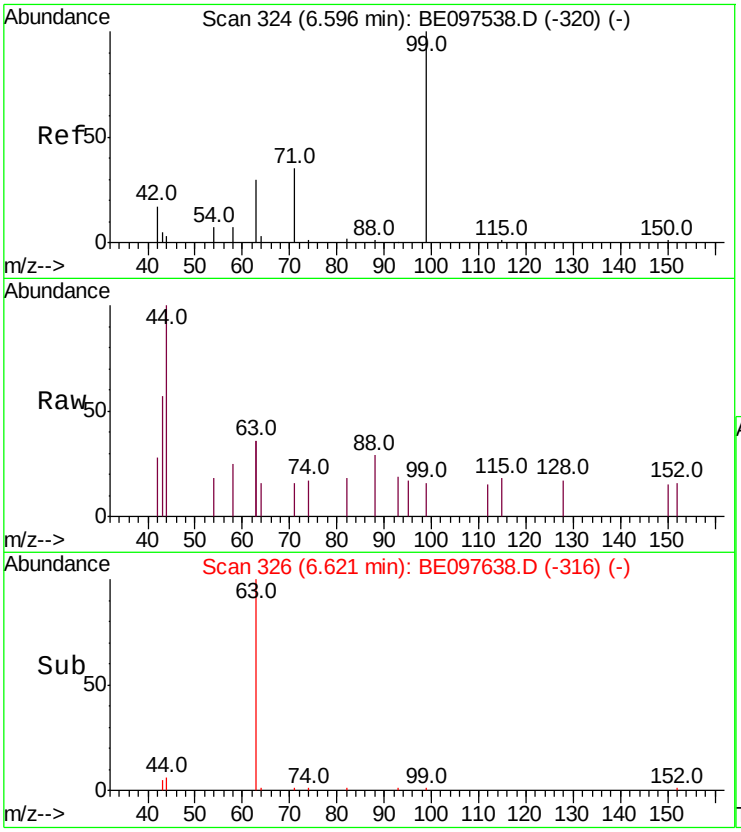


#4
2-Fluorophenol
Concen: 0.057 ng
RT: 5.07 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion:112 Resp: 113

Ion	Ratio	Lower	Upper
112	100		
64	48.7	60.1	90.1#
63	176.1	116.8	175.2#



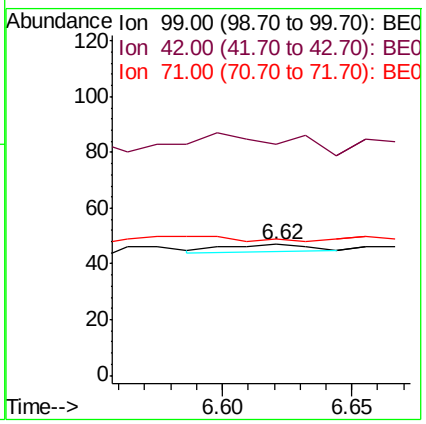


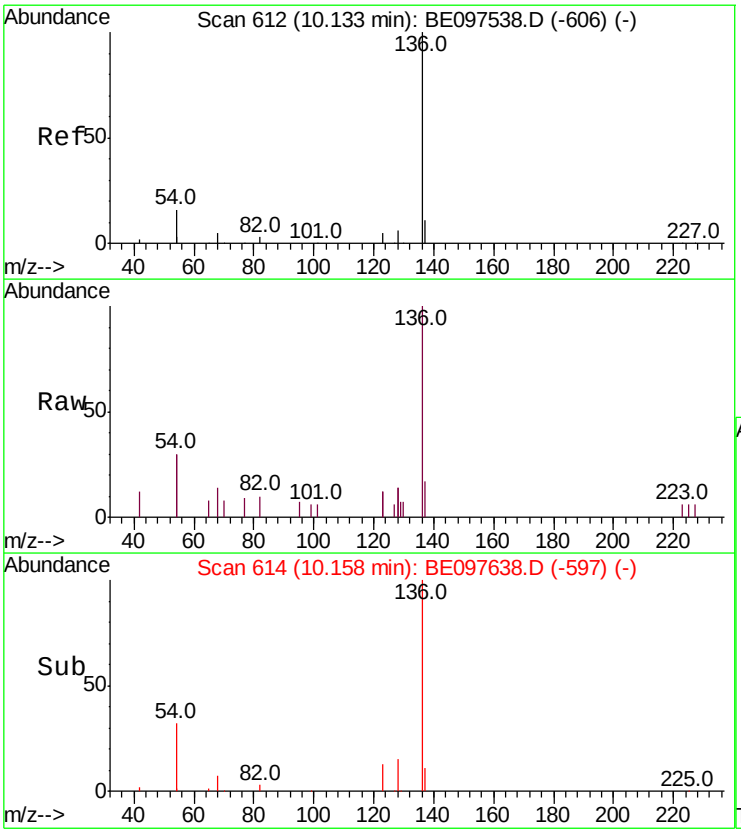
#5
Phenol-d6
Concen: 0.002 ng
RT: 6.62 min Scan# 326
Delta R.T. 0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tgt Ion: 99 Resp: 6

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

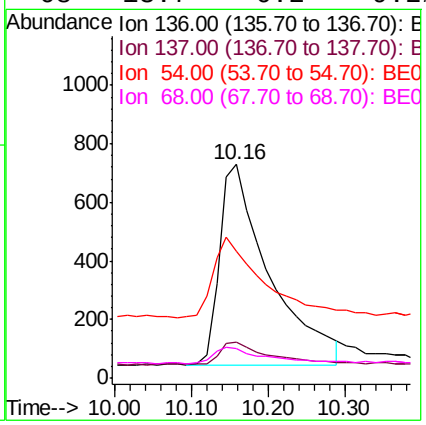


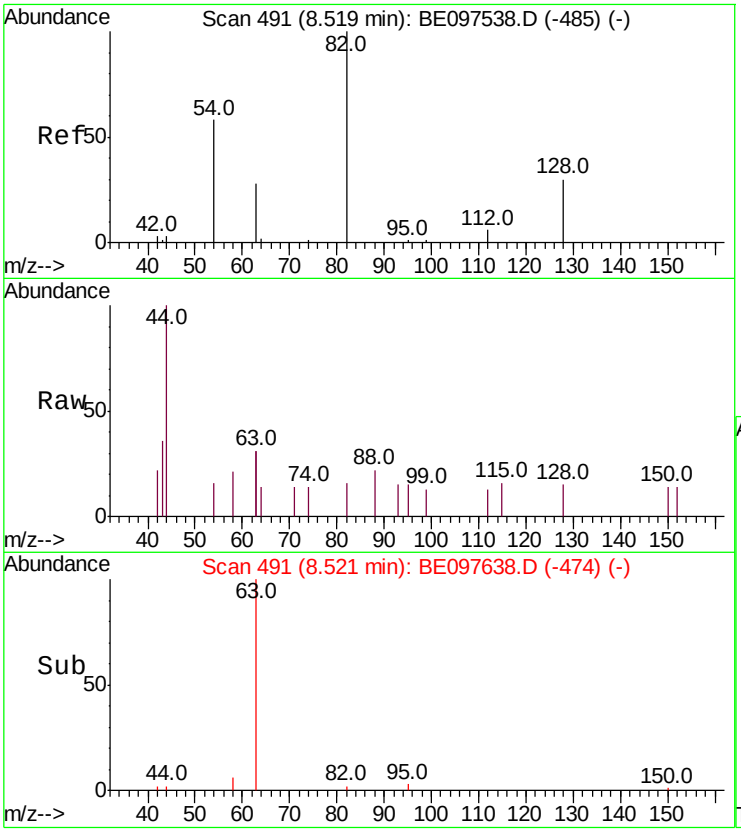


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.03 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion:136 Resp: 3101

Ion	Ratio	Lower	Upper
136	100		
137	16.8	9.5	14.3#
54	59.5	29.1	43.7#
68	13.7	6.2	9.2#



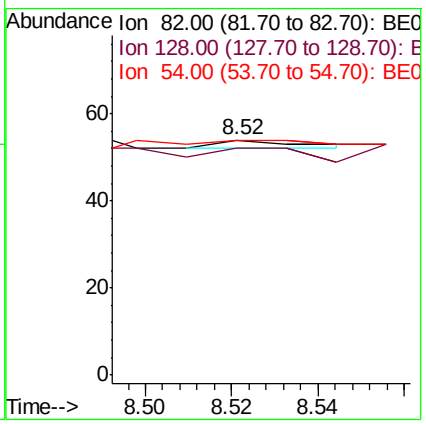


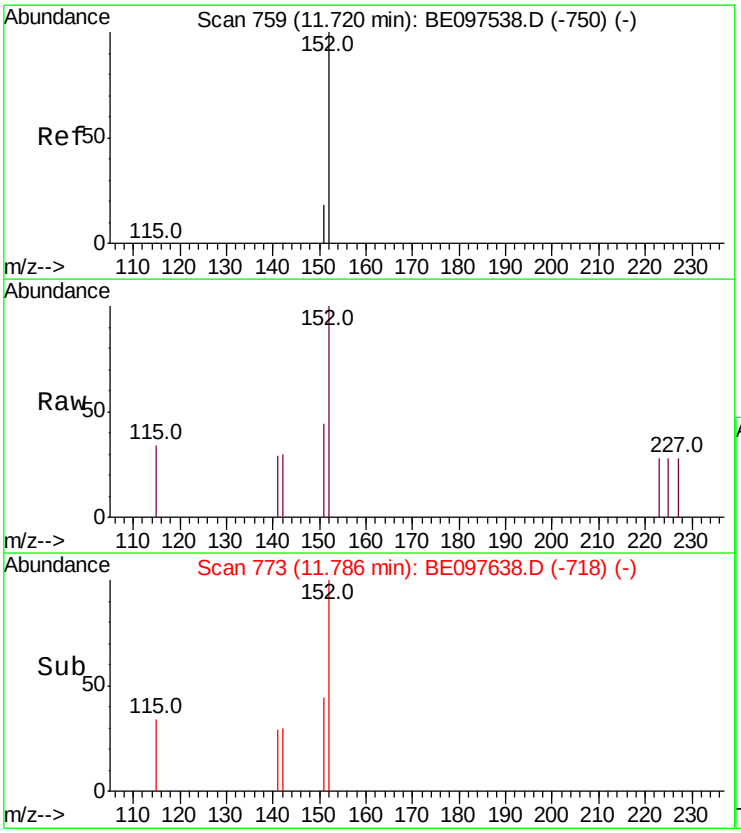
#8
Nitrobenzene-d5
Concen: 0.001 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tgt Ion: 82 Resp: 3

Ion	Ratio	Lower	Upper
82	100		
128	96.3	24.0	36.0#
54	100.0	40.0	60.0#

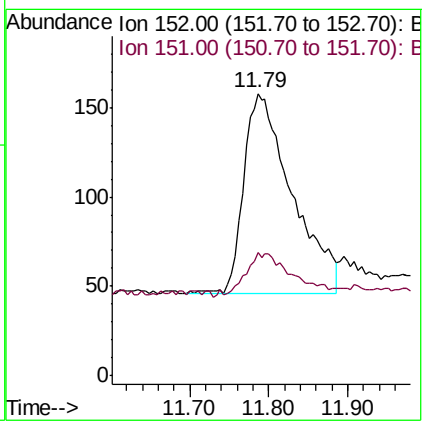


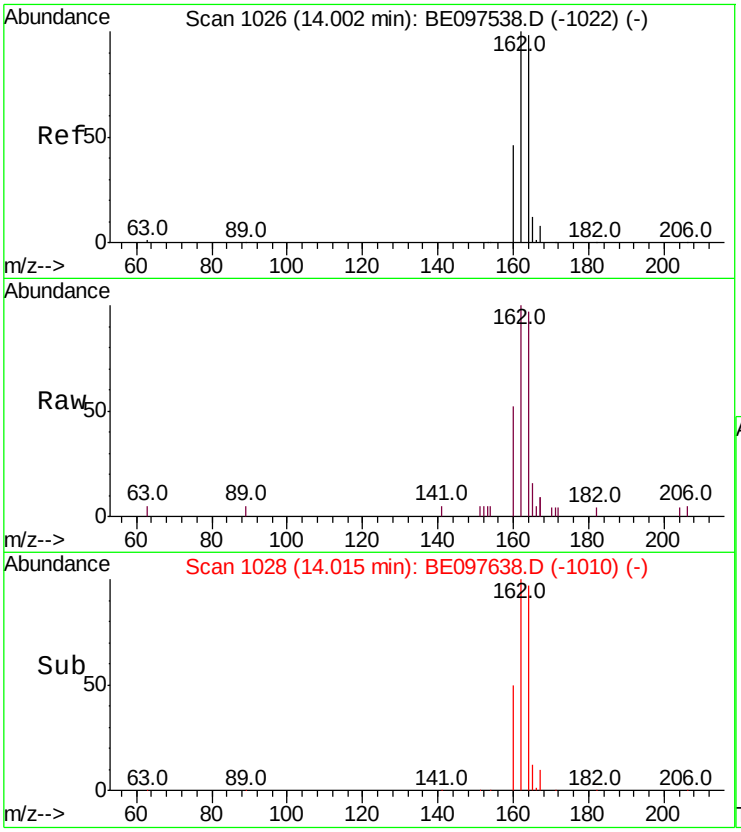


#11
2-Methylnaphthalene-d10
Concen: 0.111 ng
RT: 11.79 min Scan# 773
Delta R.T. 0.07 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion:152 Resp: 476

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.0



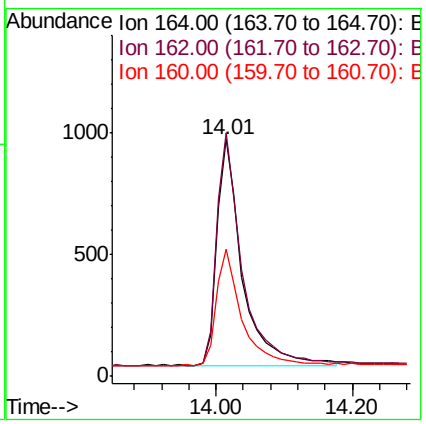


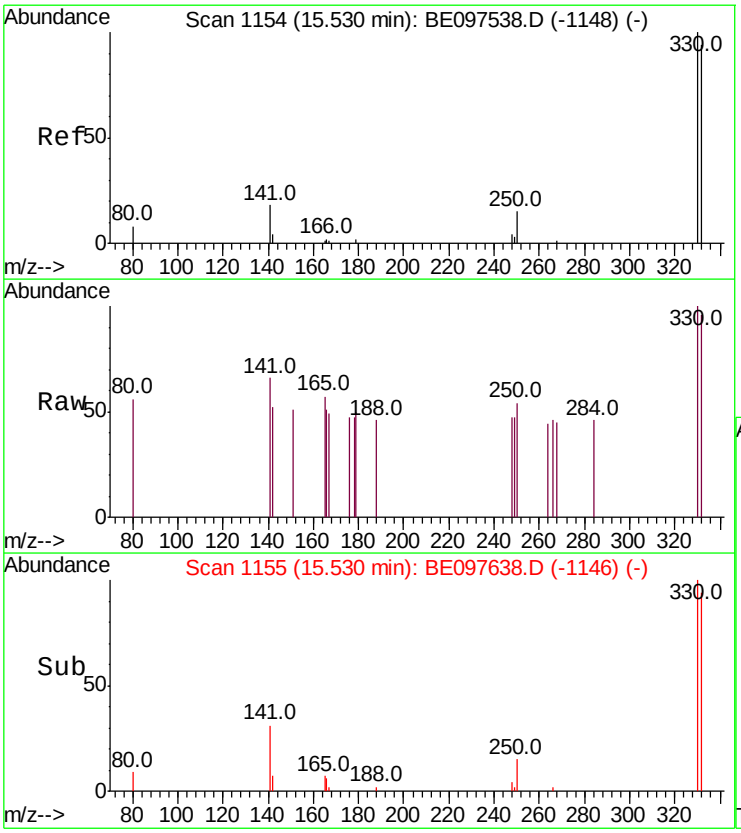
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tgt Ion:164 Resp: 2436

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.1	124.7
160	53.7	37.1	55.7

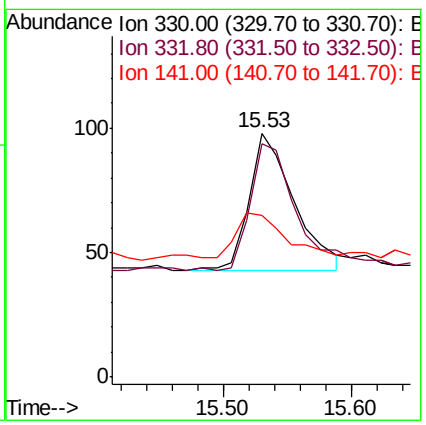


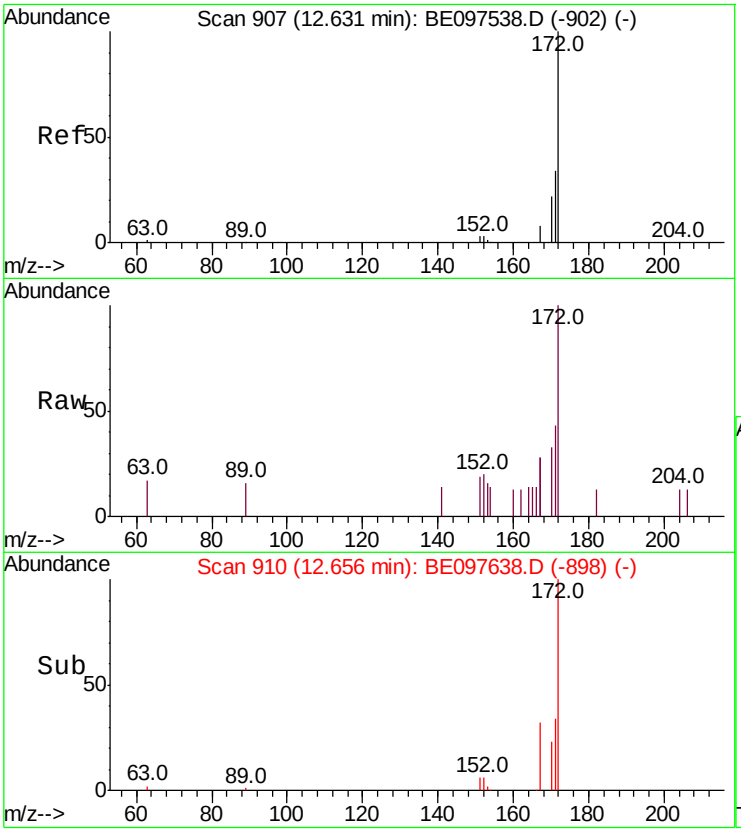


#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion:330 Resp: 134

Ion	Ratio	Lower	Upper
330	100		
332	89.6	152.7	229.1#
141	35.1	33.7	50.5



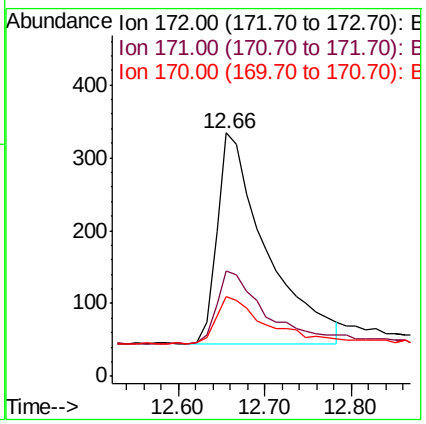


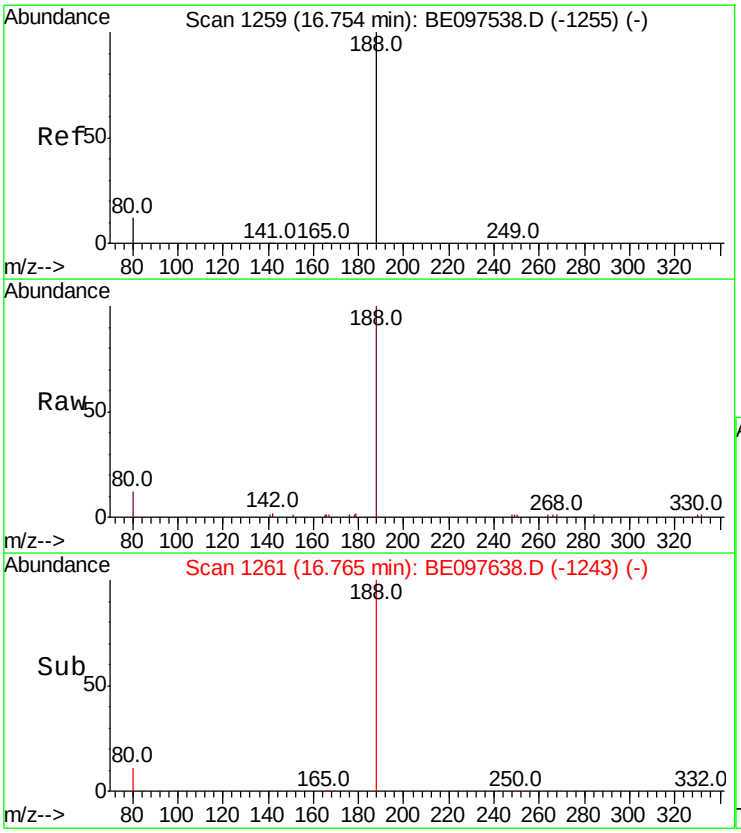
#15
2-Fluorobiphenyl
Concen: 0.132 ng
RT: 12.66 min Scan# 910
Delta R.T. 0.03 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tgt Ion:172 Resp: 1138

Ion	Ratio	Lower	Upper
172	100		
171	43.1	29.9	44.9
170	32.9	21.8	32.8#

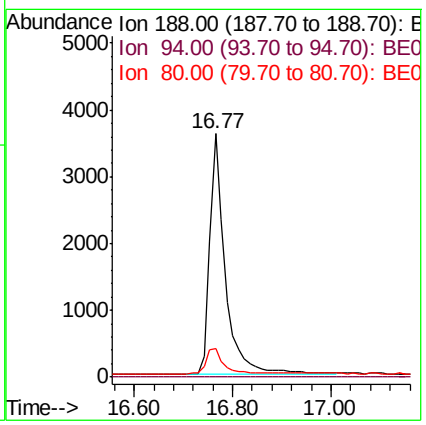


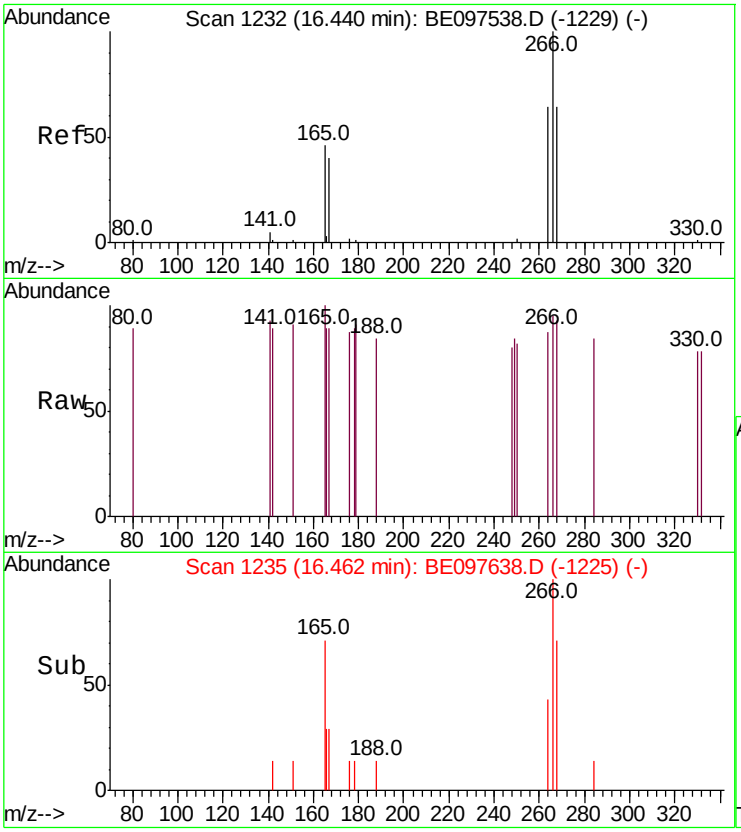


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion:188 Resp: 7840

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.8	3.6	5.4#



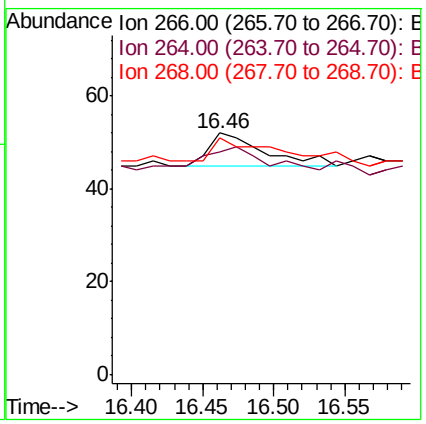


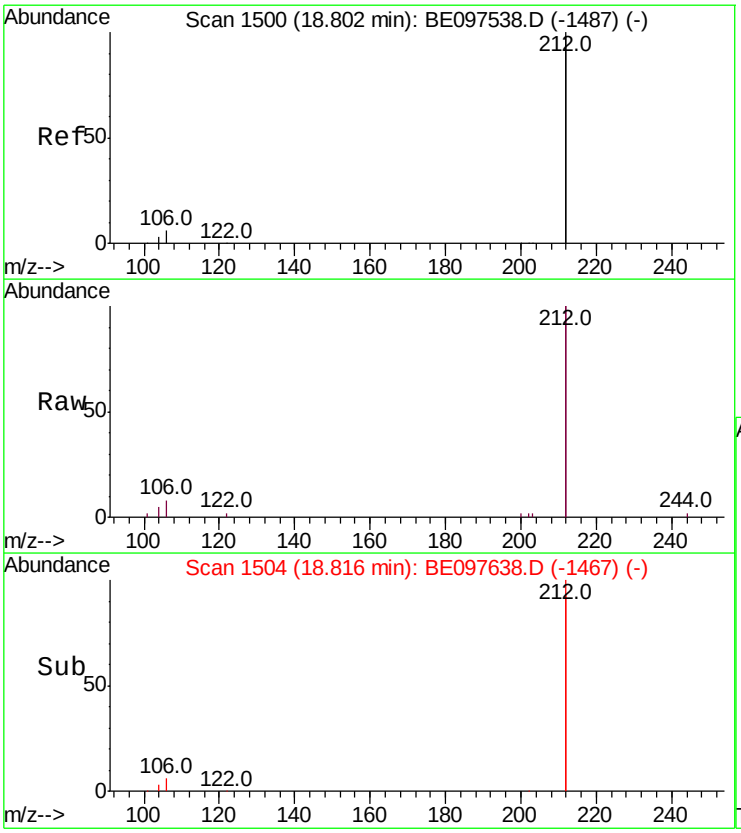
#22
Pentachlorophenol
Concen: 0.140 ng
RT: 16.46 min Scan# 1235
Delta R.T. 0.02 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tgt Ion:266 Resp: 18

Ion	Ratio	Lower	Upper
266	100		
264	92.3	72.5	108.7
268	98.1	73.8	110.6

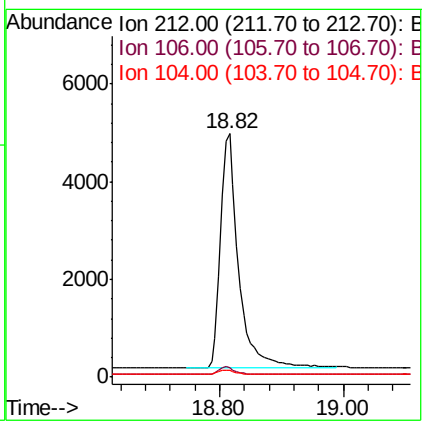


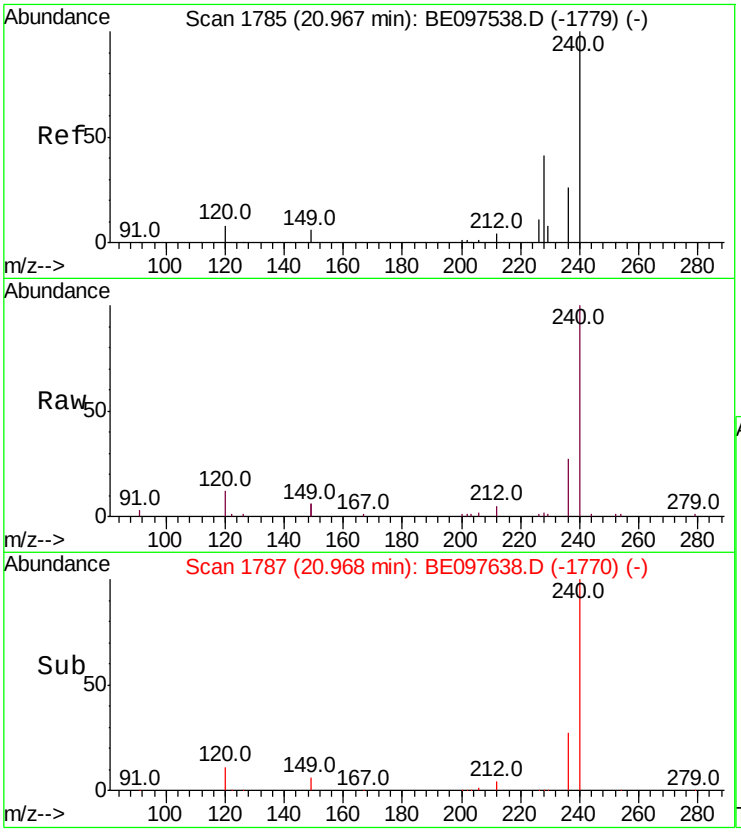


#25
Fluoranthene-d10
Concen: 0.098 ng
RT: 18.82 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion:212 Resp: 9871

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.8	1.6	2.4



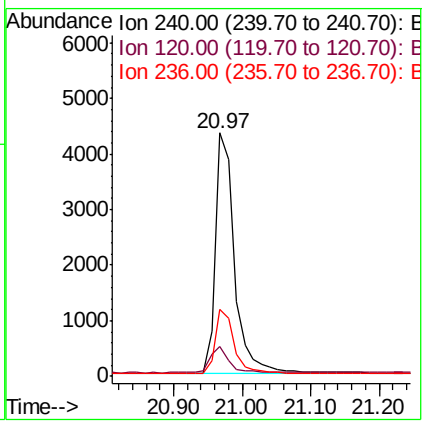


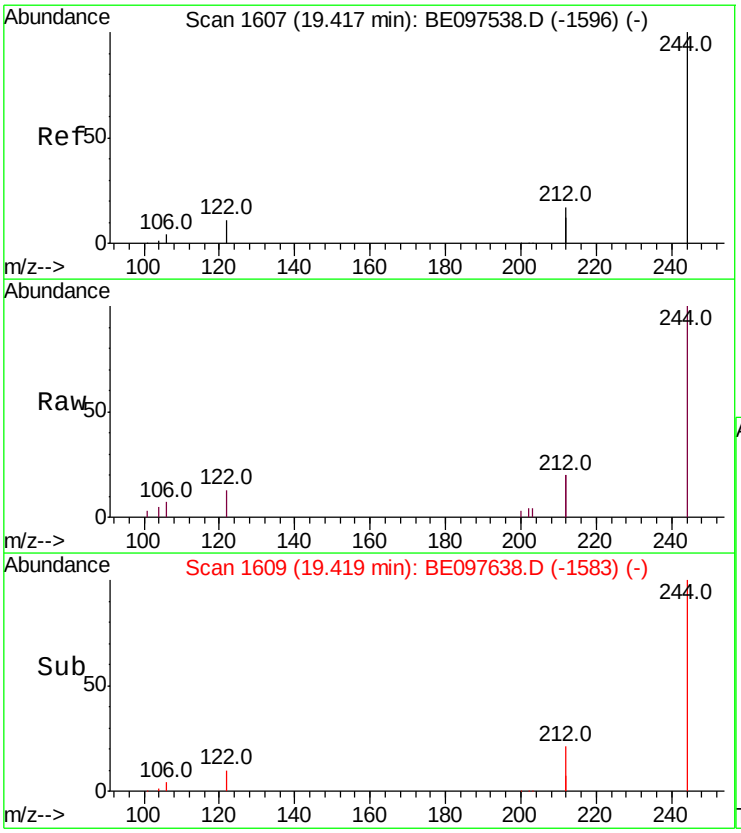
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tgt Ion:240 Resp: 8437

Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.5	8.3#
236	27.3	20.7	31.1

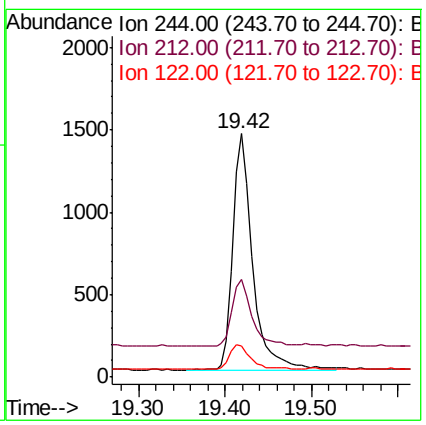


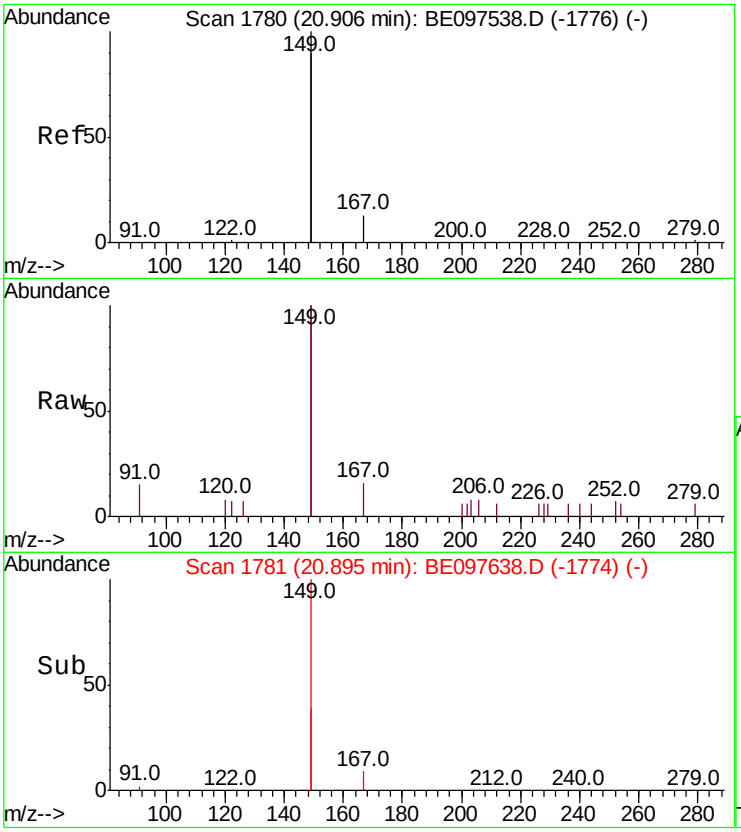


#29
Terphenyl-d14
Concen: 0.145 ng
RT: 19.42 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion:244 Resp: 2244

Ion	Ratio	Lower	Upper
244	100		
212	40.4	25.4	38.0#
122	13.1	8.1	12.1#



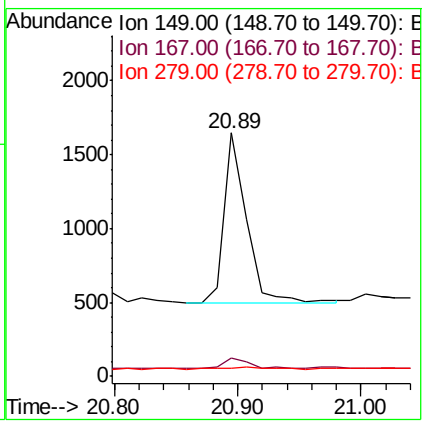


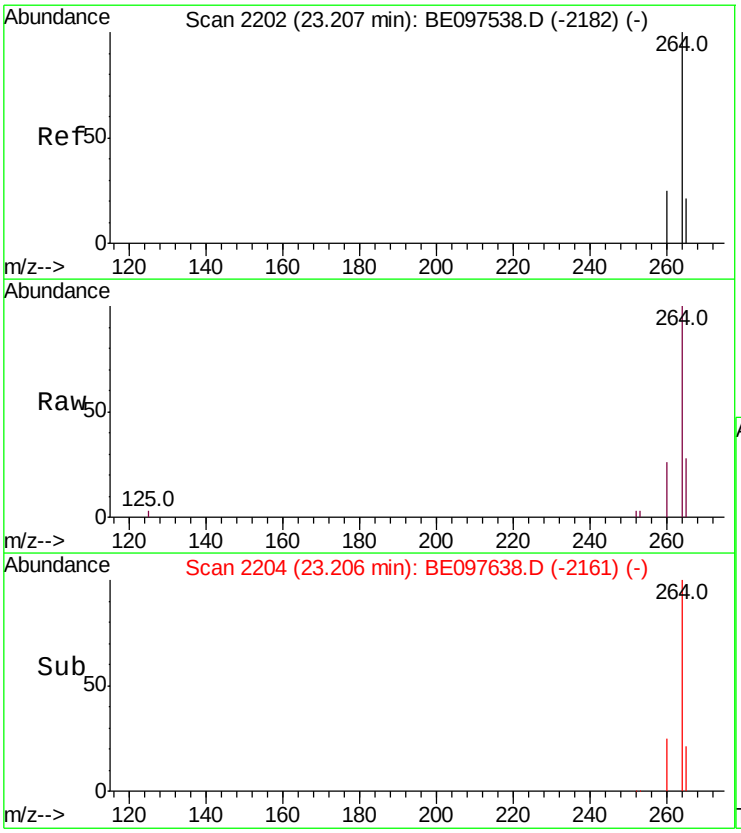
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 20.89 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tgt Ion:149 Resp: 1466

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.6	0.7	1.1#

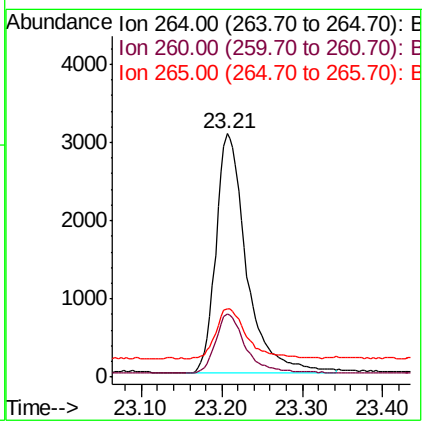


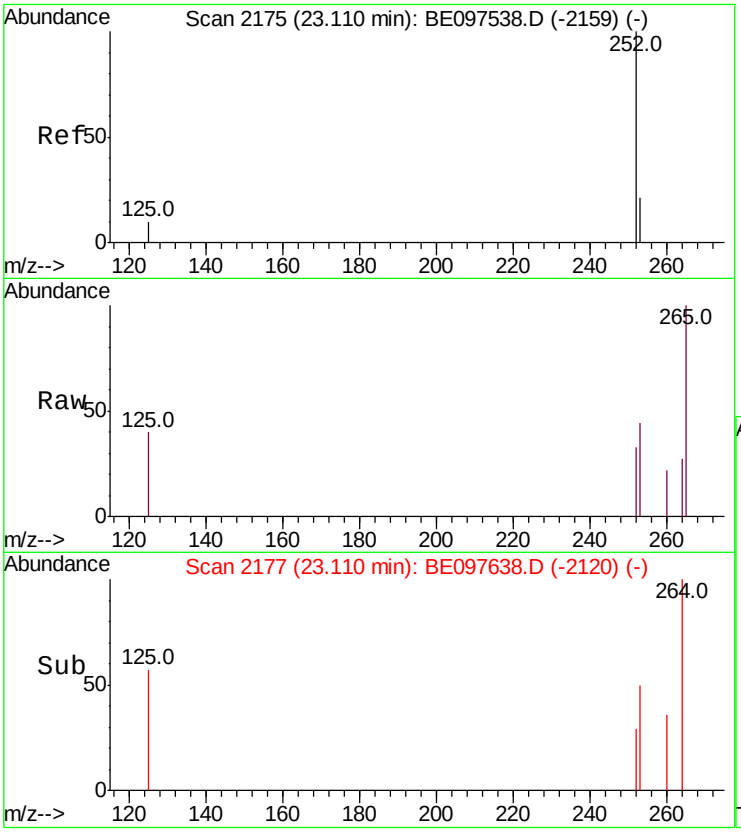


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion:264 Resp: 8059

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	27.9	22.8	34.2





#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tgt Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	133.3	16.0	24.0#
125	119.2	12.0	18.0#