Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
Data File : BE097947.D
Acq On : 17 Oct 2018 14:34
Operator : SJ/JU
Sample : J5307-10DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-108D2-20181004DL

Quant Time: Oct 17 17:23:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2009	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	8698	0.40	ng		-0.01
13) Acenaphthene-d10	14.54	164	5592	0.40	ng		-0.01
19) Phenanthrene-d10	17.29	188	14940	0.40	ng		-0.01
27) Chrysene-d12	21.47	240	17109	0.40	ng		-0.01
34) Perylene-d12	24.03	264	17789	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	553	0.09	ng		0.00
5) Phenol-d6	7.05	99	466	0.05	ng		0.00
8) Nitrobenzene-d5	9.04	82	1529	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	2793	0.19	ng		-0.01
14) 2,4,6-Tribromophenol	16.05	330	463	0.15	ng		0.00
15) 2-Fluorobiphenyl	13.17	172	5414	0.24	ng		0.00
25) Fluoranthene-d10	19.33	212	37547	0.19	ng		0.00
29) Terphenyl-d14	19.92	244	10127	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	6306	1.800	ng		96
6) bis(2-Chloroethyl)ether	7.30	93	479	0.060	ng		100
22) Pentachlorophenol	16.95	266	2	0.031	ng	#	54
32) Bis(2-ethylhexyl)phthalate	21.39	149	7064	Below Cal			100
33) Indeno(1,2,3-cd)pyrene	26.73	276	15	Below Cal		#	1

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

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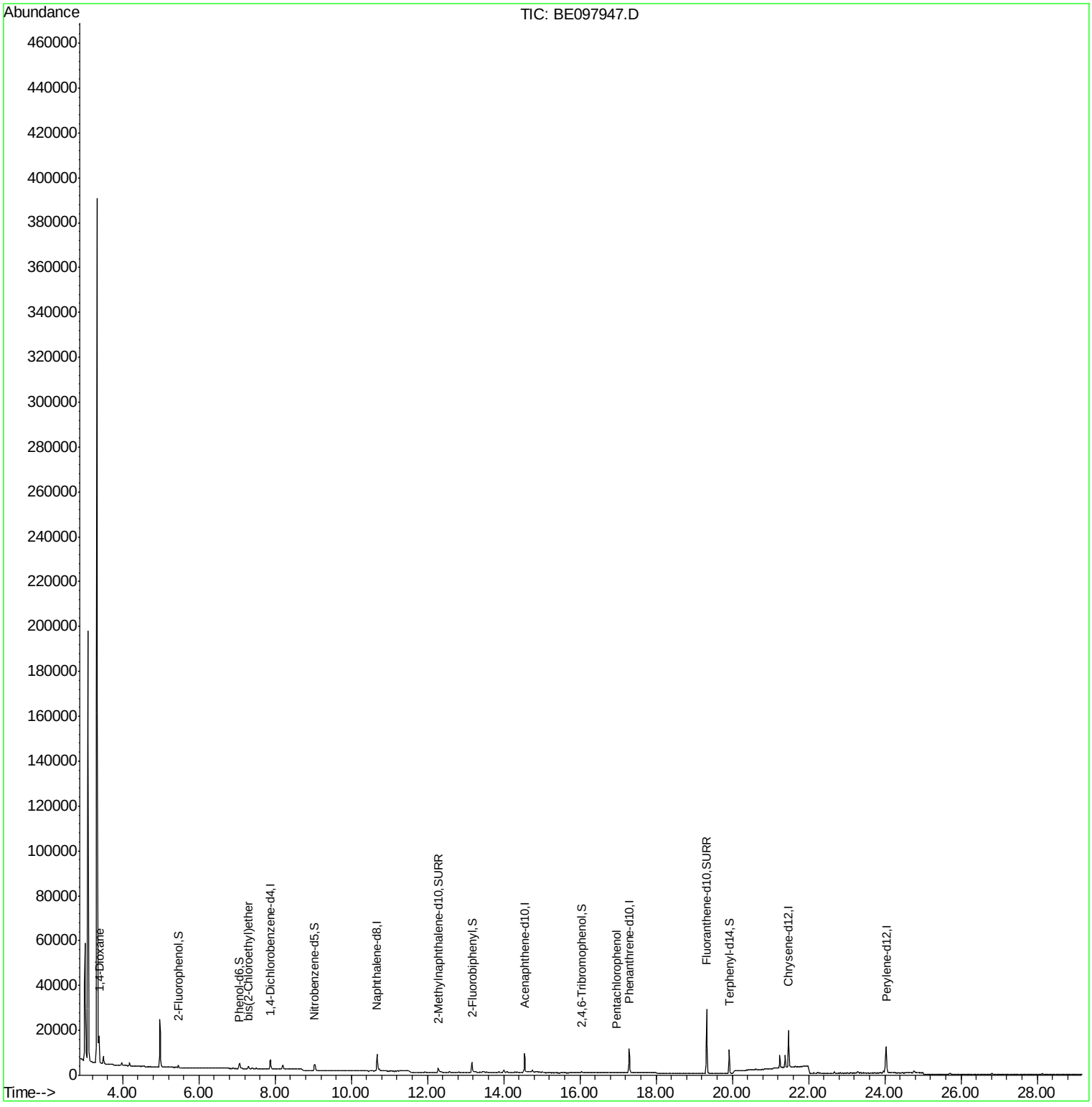
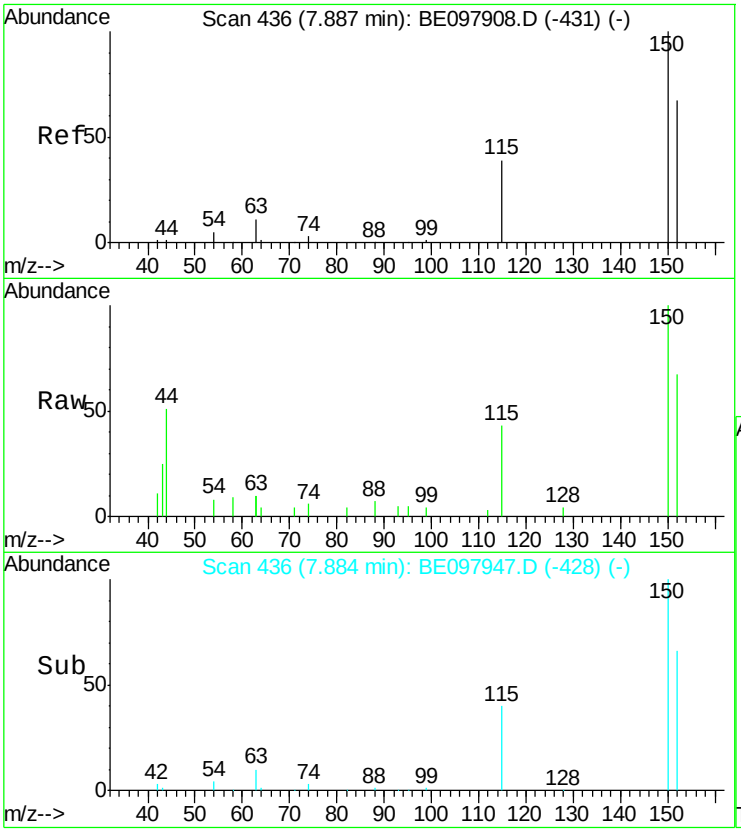


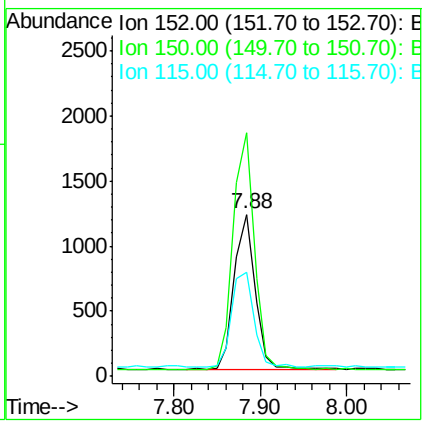


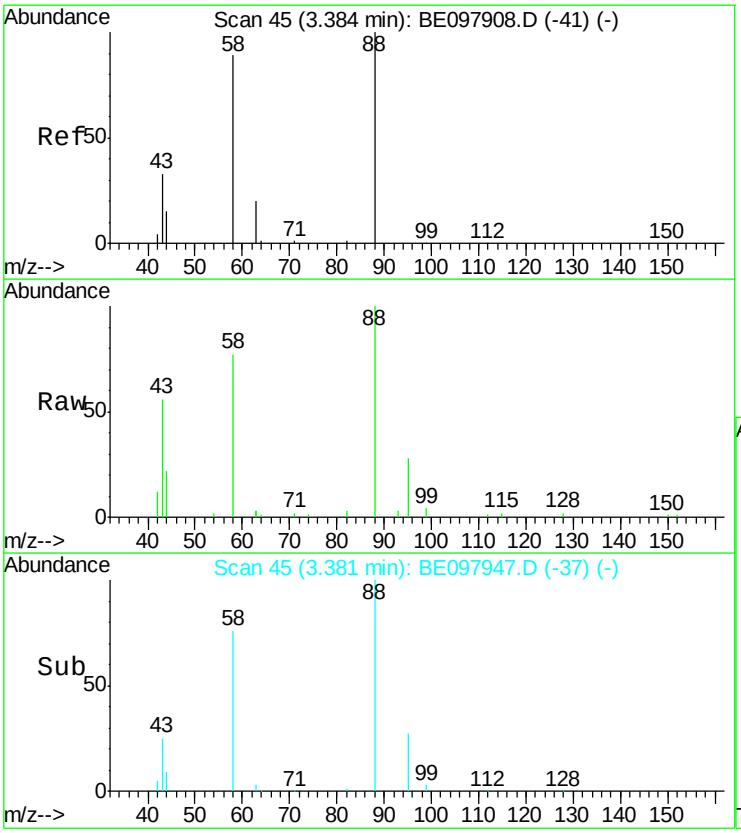
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion:152 Resp: 2009

Ion	Ratio	Lower	Upper
152	100		
150	150.1	118.2	177.4
115	64.2	50.9	76.3

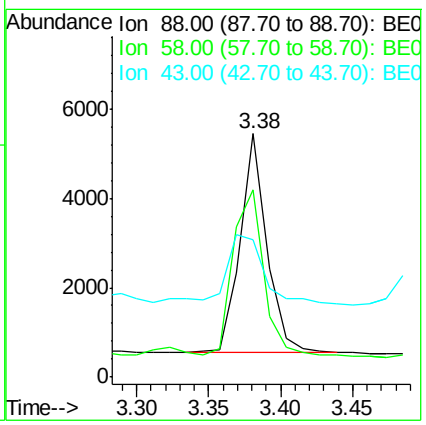


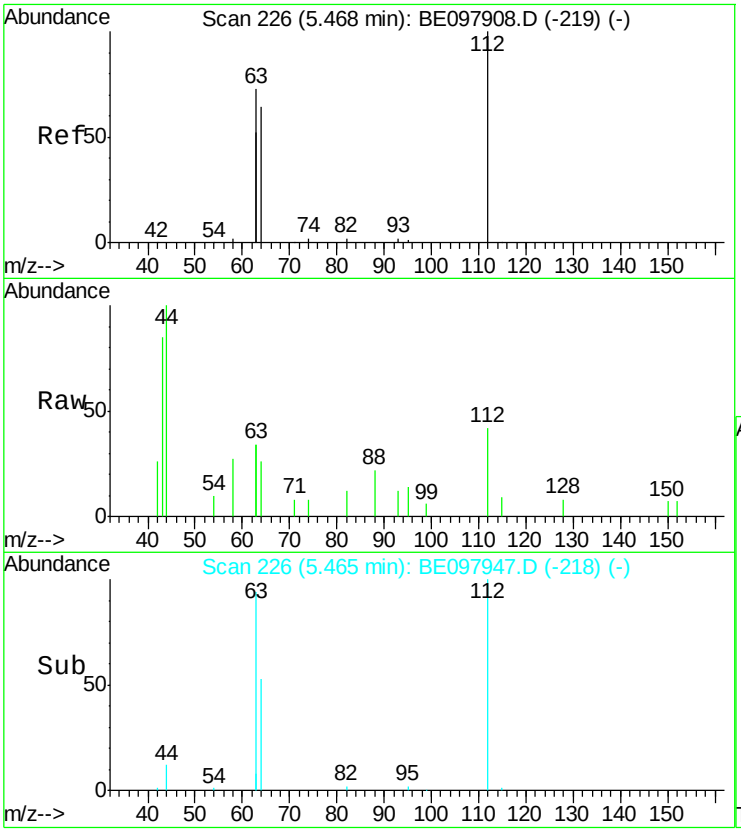


#2
1,4-Dioxane
Concen: 1.800 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion: 88 Resp: 6306

Ion	Ratio	Lower	Upper
88	100		
58	86.2	73.2	109.8
43	45.4	36.9	55.3



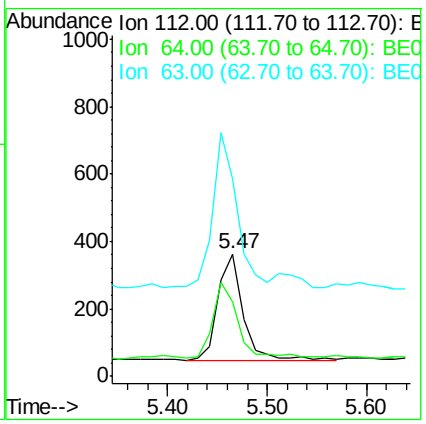


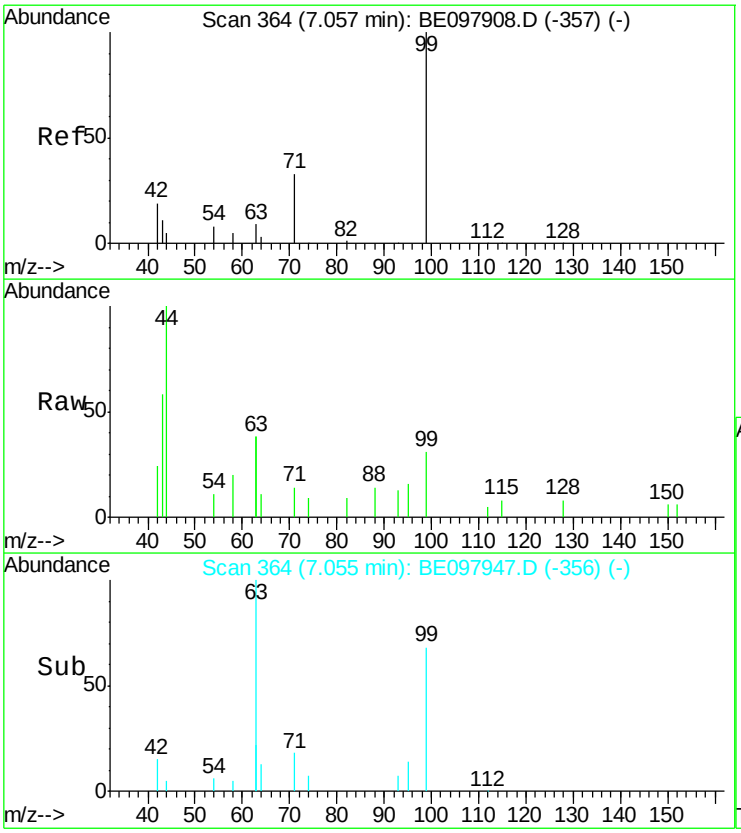
#4
2-Fluorophenol
Concen: 0.087 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion:112 Resp: 553

Ion	Ratio	Lower	Upper
112	100		
64	71.8	58.9	88.3
63	136.2	120.3	180.5

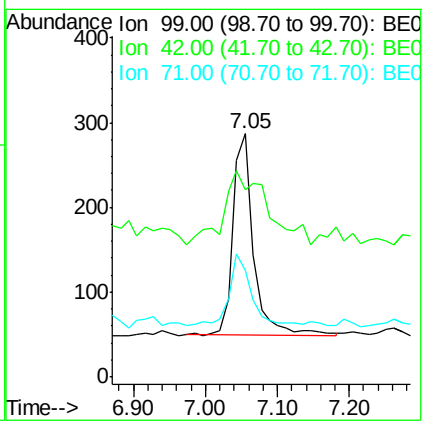


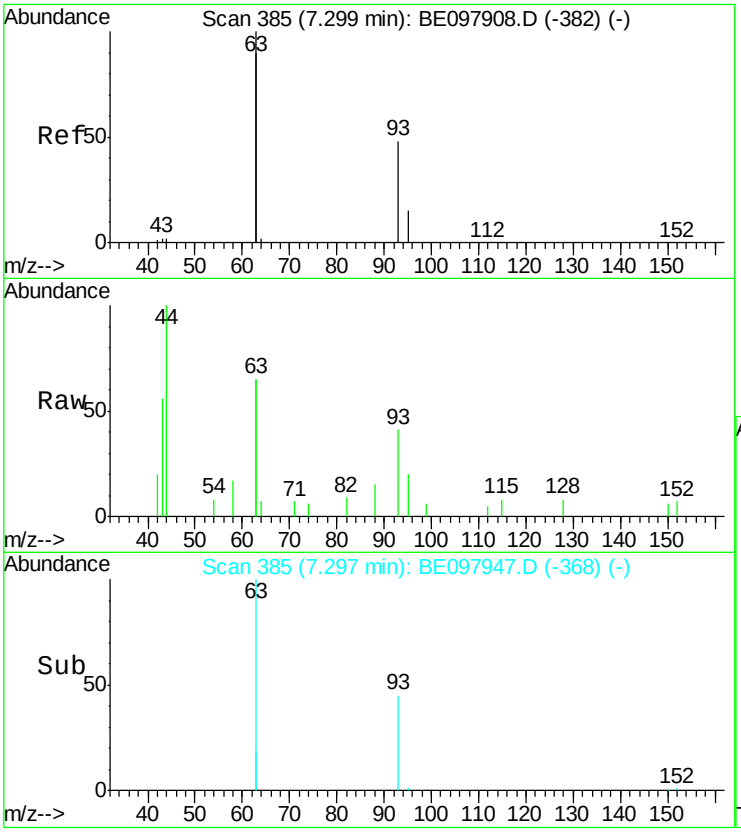


#5
Phenol-d6
Concen: 0.050 ng
RT: 7.05 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion: 99 Resp: 466

Ion	Ratio	Lower	Upper
99	100		
42	81.8	19.9	29.9#
71	38.2	27.8	41.8



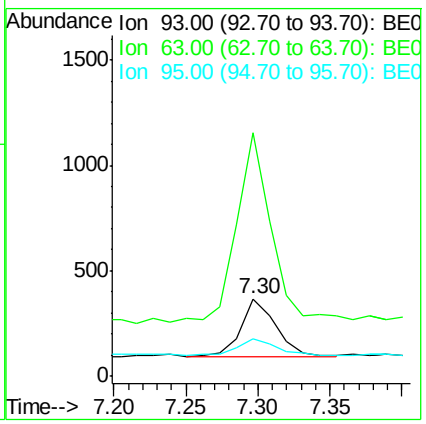


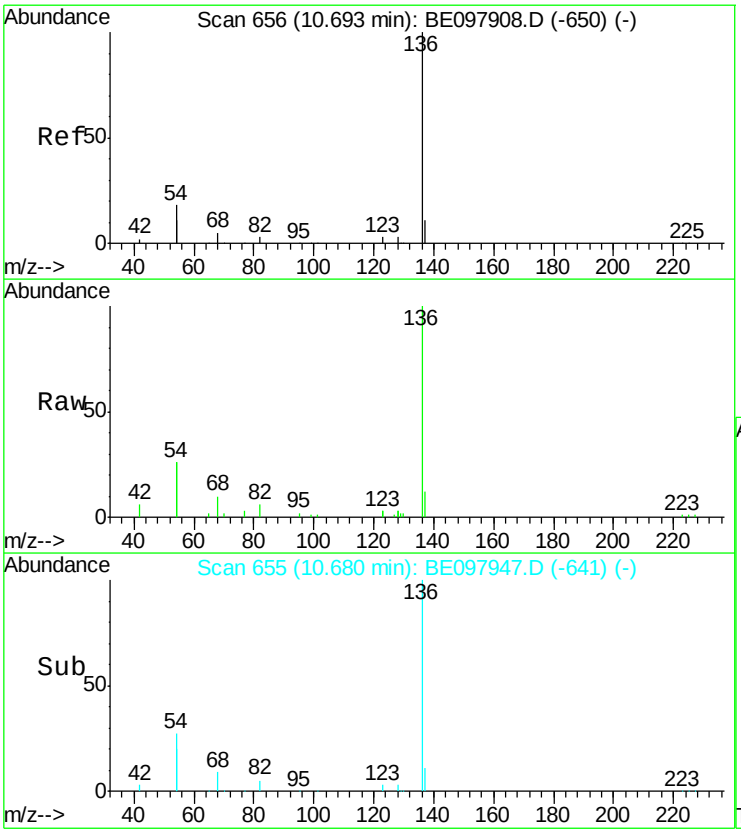
#6
bis(2-Chloroethyl)ether
Concen: 0.060 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion: 93 Resp: 479

Ion	Ratio	Lower	Upper
93	100		
63	324.0	259.0	388.4
95	34.7	27.8	41.8

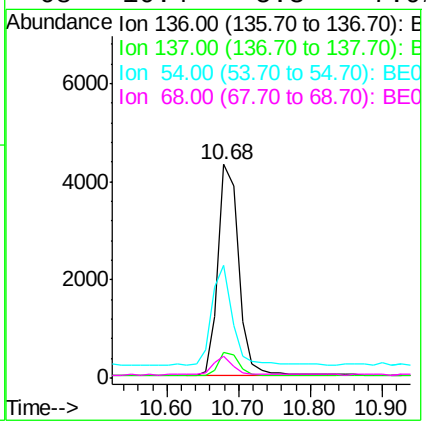


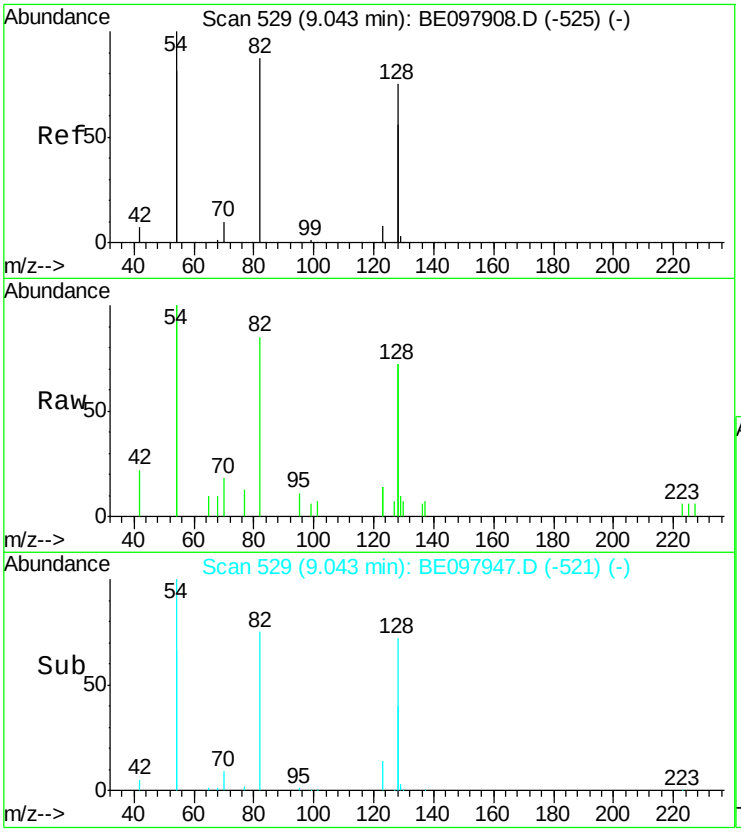


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion:136 Resp: 8698

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	52.5	27.7	41.5#
68	10.4	5.3	7.9#



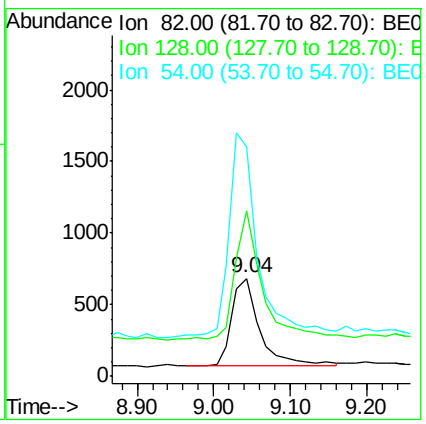


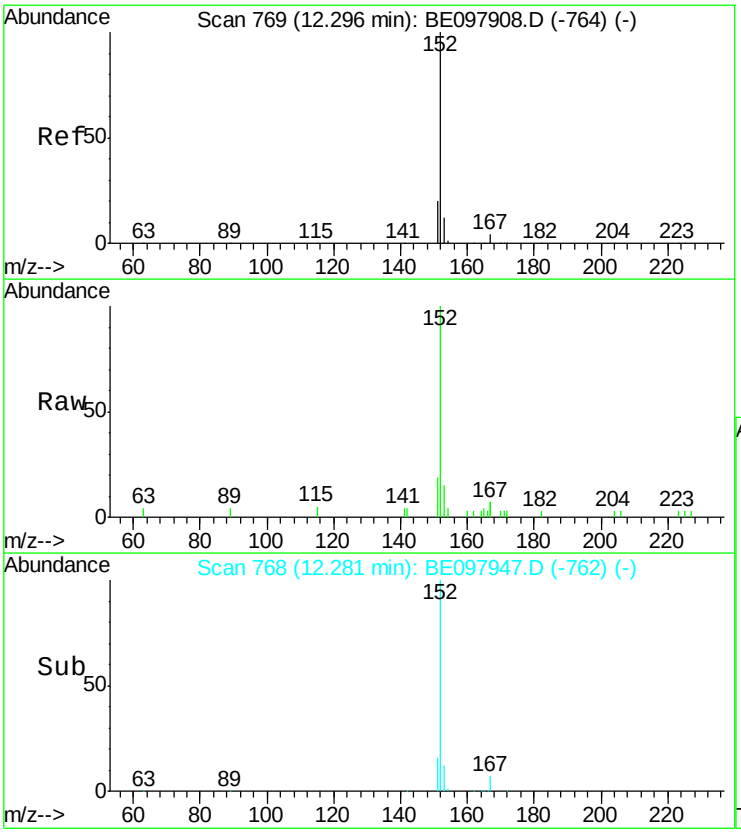
#8
Nitrobenzene-d5
Concen: 0.186 ng
RT: 9.04 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion: 82 Resp: 1529

Ion	Ratio	Lower	Upper
82	100		
128	169.0	129.9	194.9
54	234.5	174.0	261.0

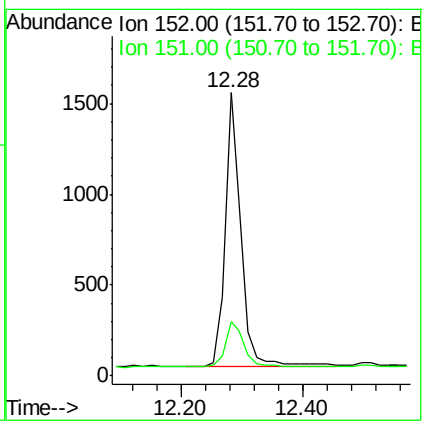


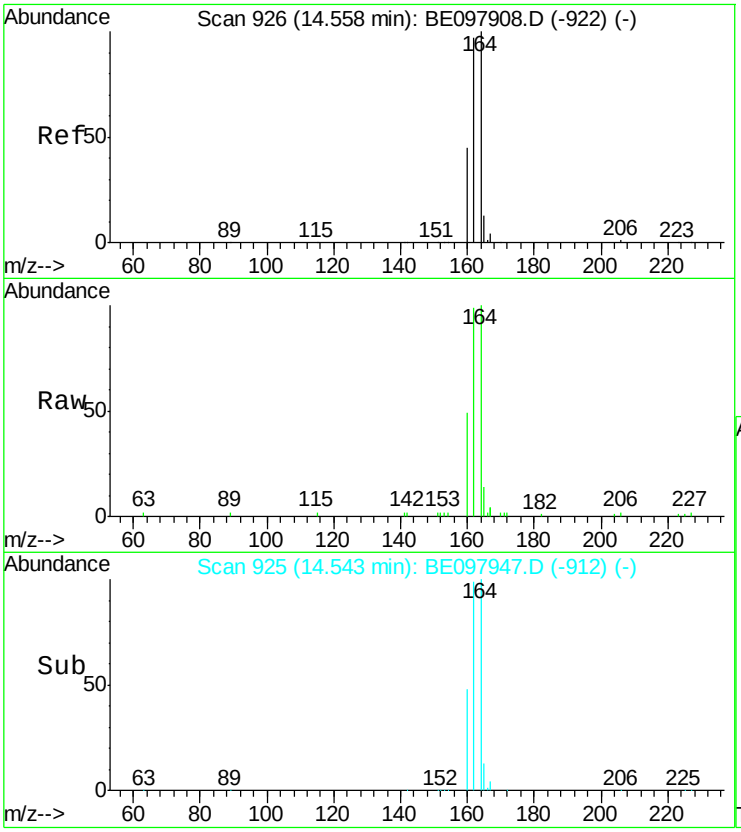


#11
2-Methylnaphthalene-d10
Concen: 0.193 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion:152 Resp: 2793

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4



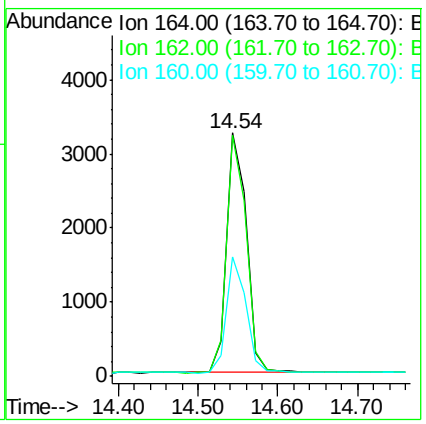


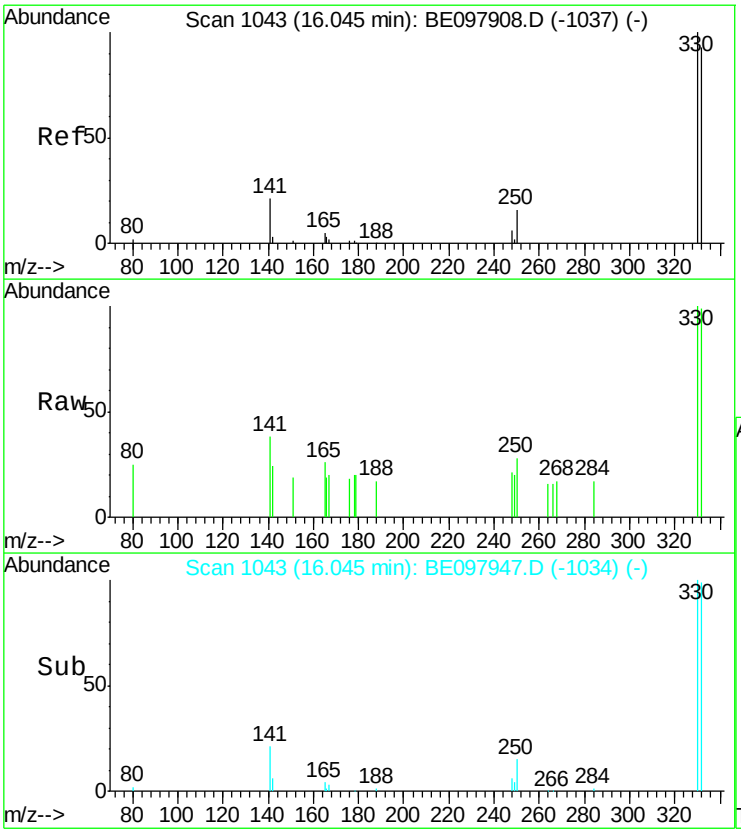
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion:164 Resp: 5592

Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.4	116.2
160	49.3	36.5	54.7

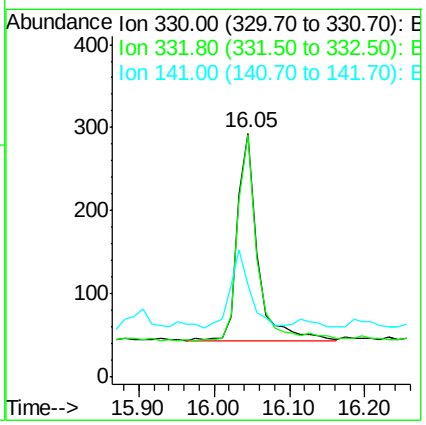


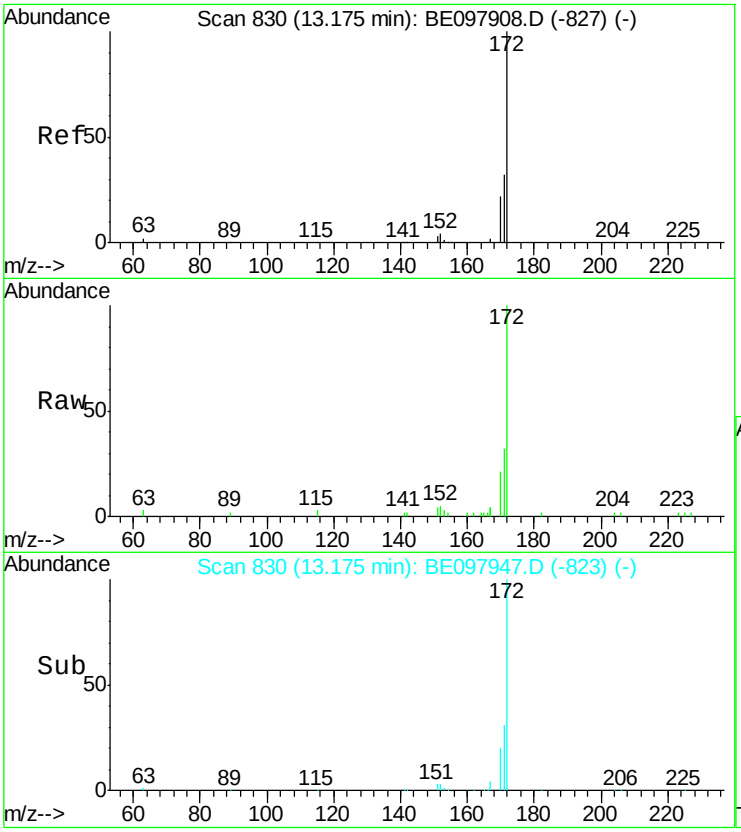


#14
2,4,6-Tribromophenol
Concen: 0.154 ng
RT: 16.05 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion:330 Resp: 463

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.5	114.7
141	38.0	31.8	47.6



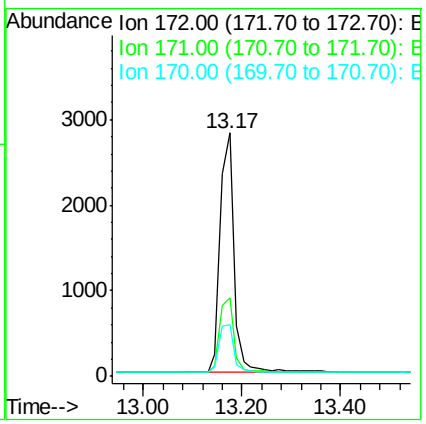


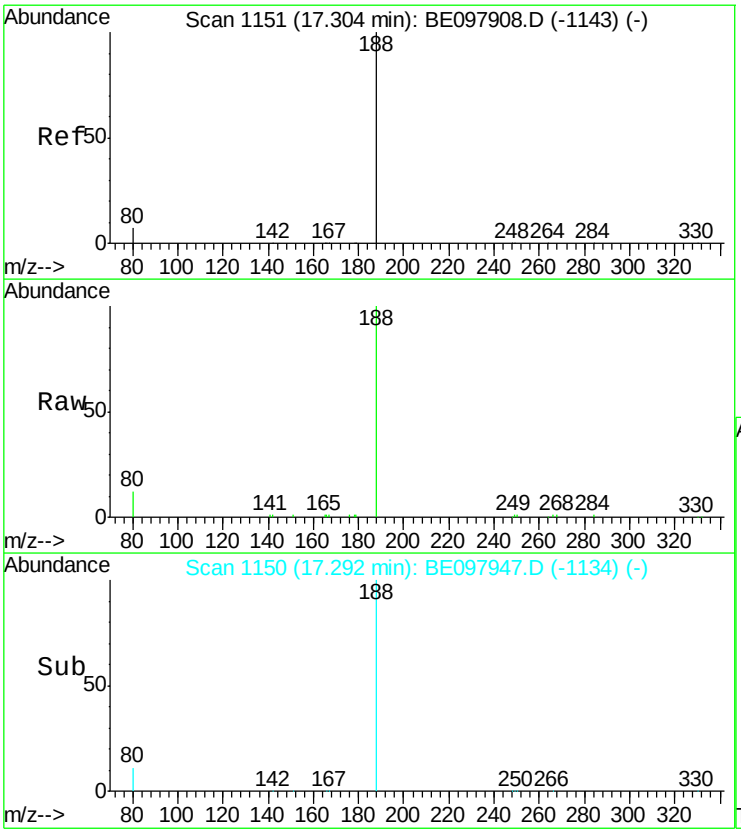
#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion:172 Resp: 5414

Ion	Ratio	Lower	Upper
172	100		
171	32.1	26.0	39.0
170	21.3	18.0	27.0

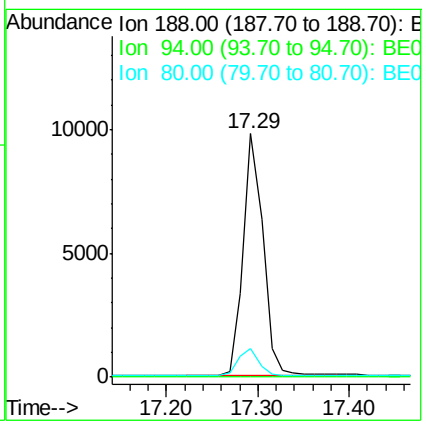


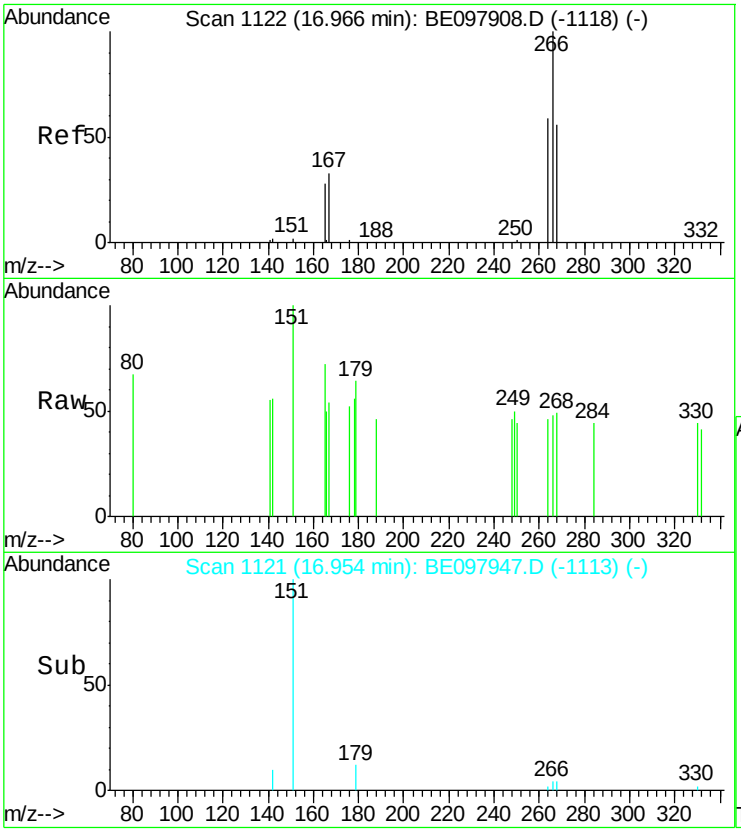


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion:188 Resp: 14940

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	6.3	9.5#



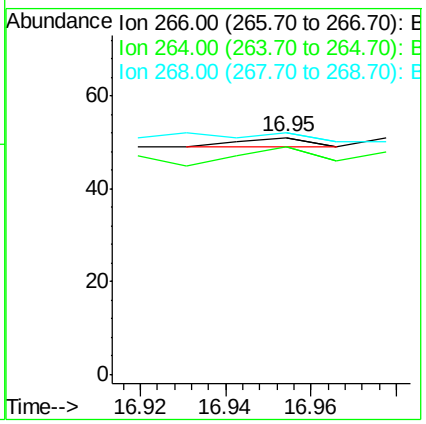


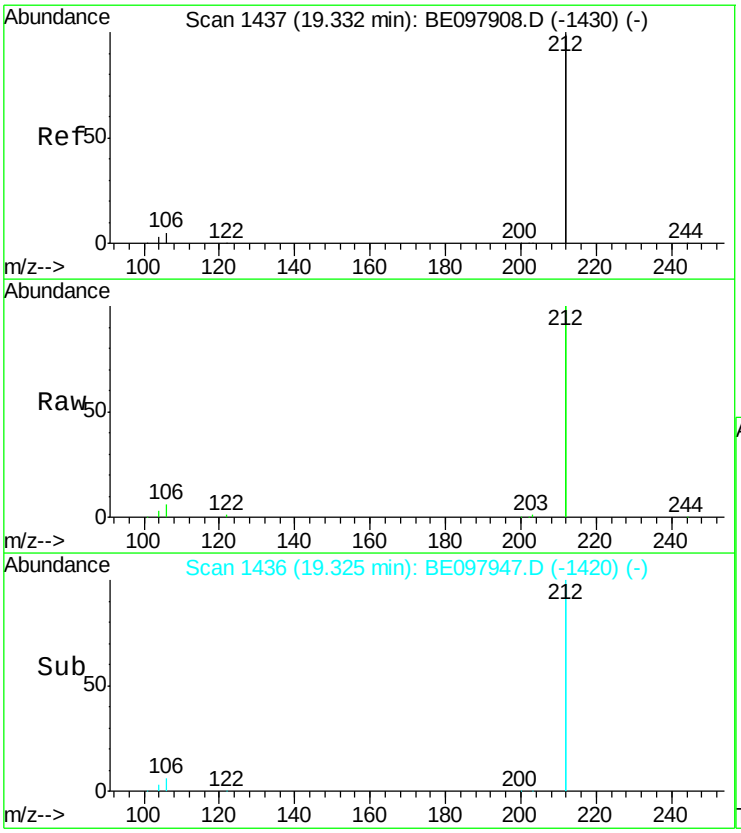
#22
Pentachlorophenol
Concen: 0.031 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion:266 Resp: 2

Ion	Ratio	Lower	Upper
266	100		
264	96.1	51.3	76.9#
268	102.0	50.1	75.1#

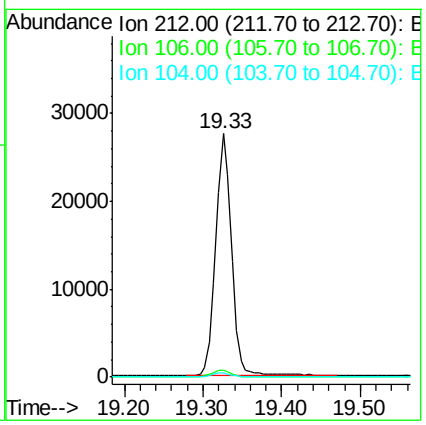


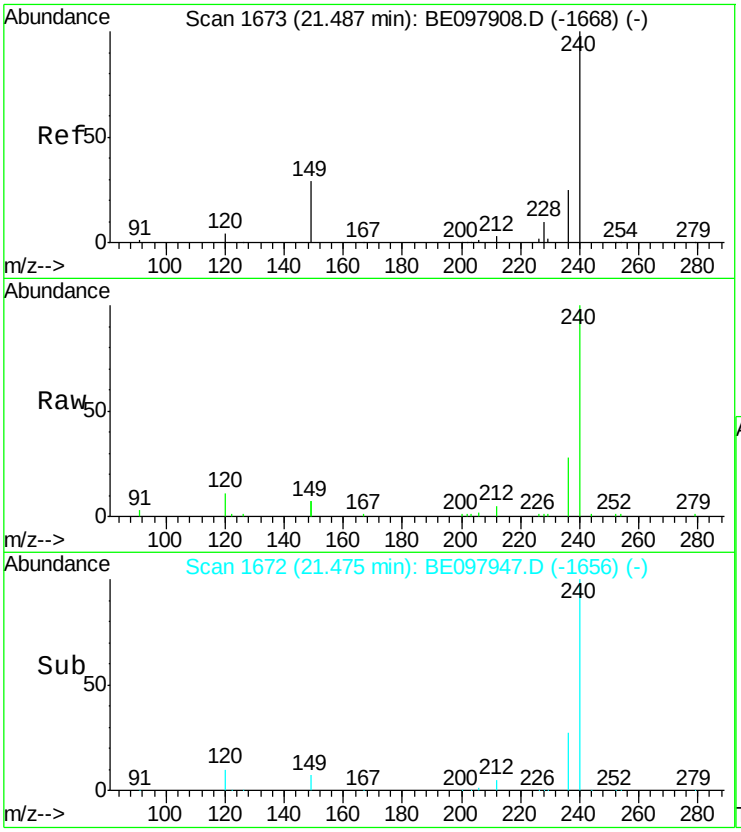


#25
Fluoranthene-d10
Concen: 0.185 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion:212 Resp: 37547

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.7	1.3	1.9



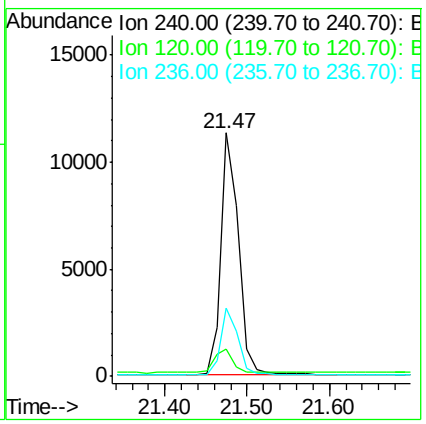


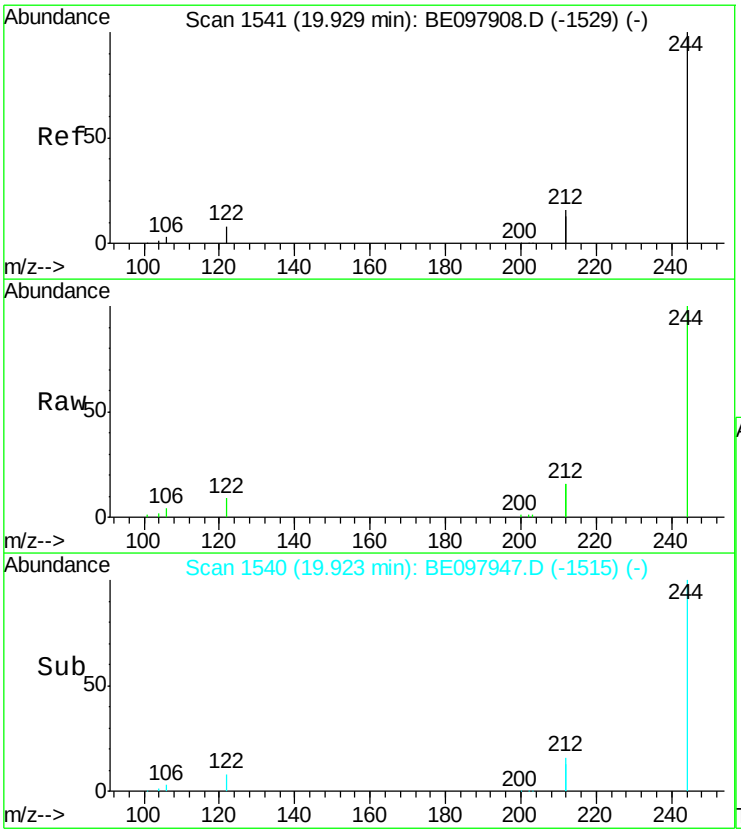
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion:240 Resp: 17109

Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.1	10.7#
236	27.8	21.3	31.9

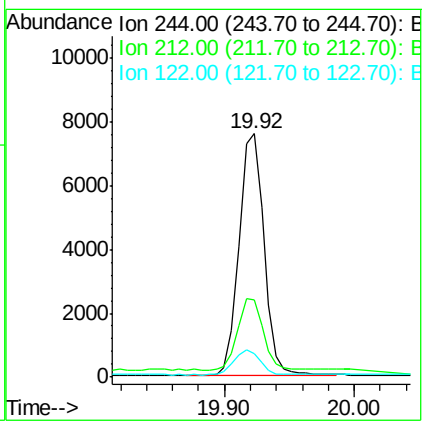


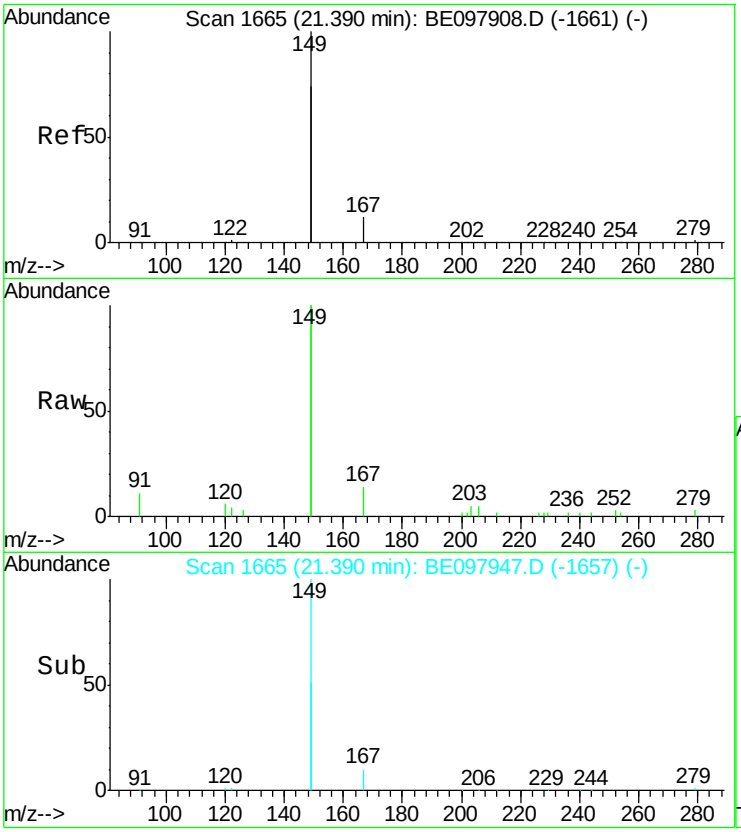


#29
Terphenyl-d14
Concen: 0.258 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion:244 Resp: 10127

Ion	Ratio	Lower	Upper
244	100		
212	31.8	26.2	39.2
122	9.4	7.7	11.5



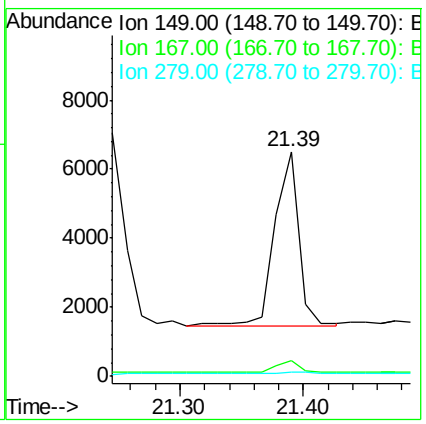


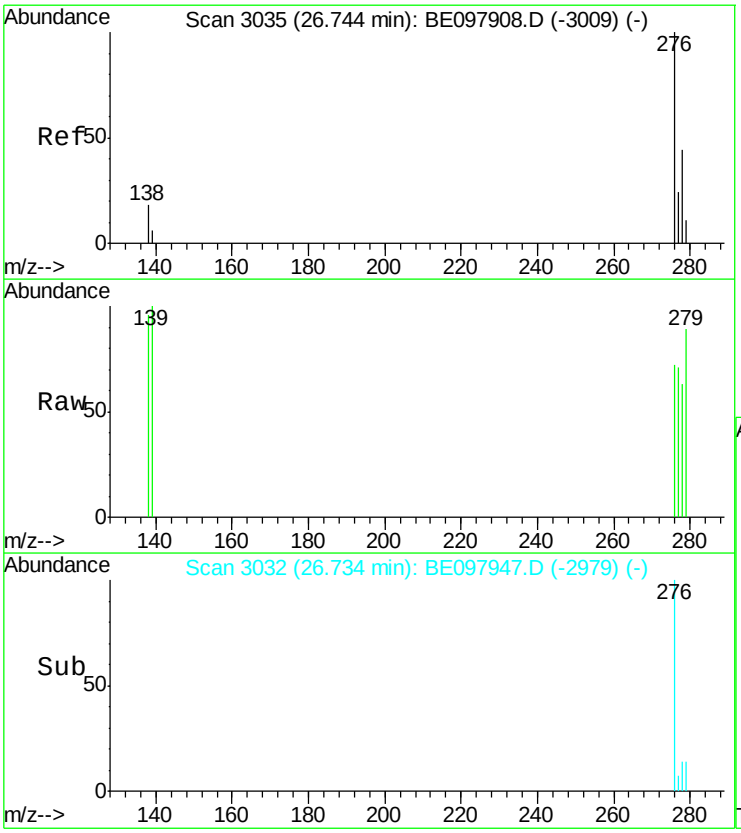
#32
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.39 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion:149 Resp: 7064

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.1	0.9	1.3

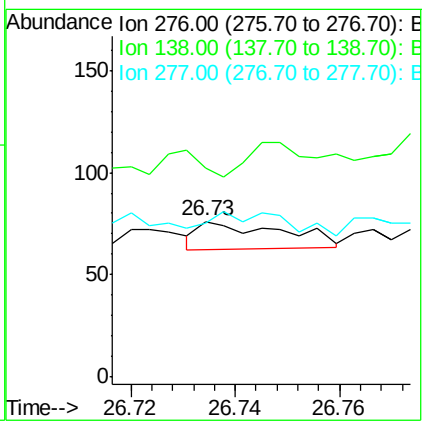


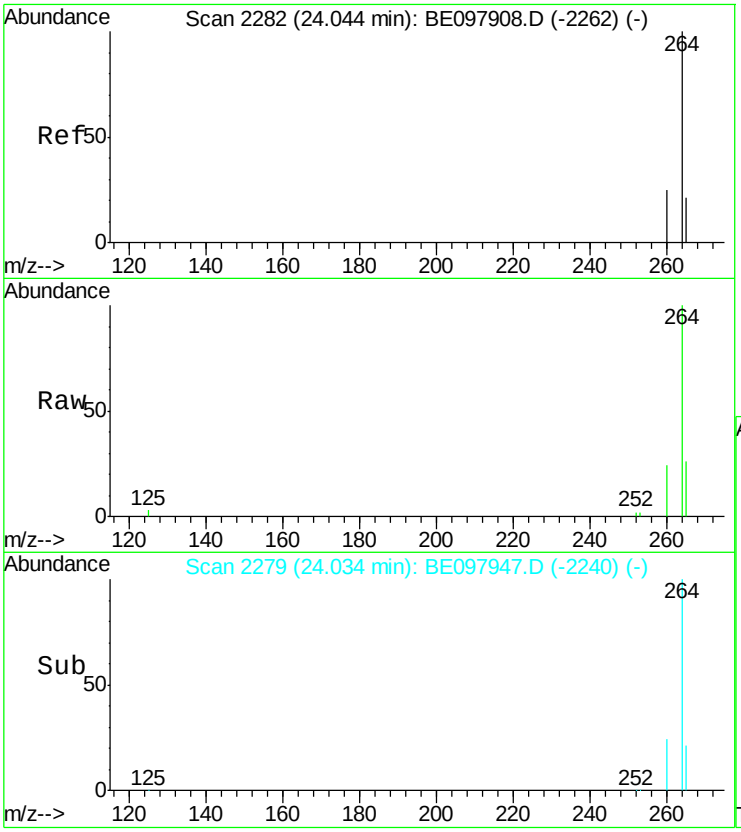


#33
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 26.73 min Scan# 3032
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Tgt Ion:276 Resp: 15

Ion	Ratio	Lower	Upper
276	100		
138	66.7	17.0	25.6#
277	80.0	20.5	30.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE097947.D
Acq: 17 Oct 2018 14:34

Instrument :
BNA_E
ClientSampleId :
RE-108D2-20181004DL

Tgt Ion:264 Resp: 17789

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.1	31.7
265	26.0	29.2	43.8#