Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097928.D
Acq On : 17 Oct 2018 2:14
Operator : SJ/JU
Sample : J5317-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-122D1-20181004

Quant Time: Oct 17 08:33:13 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	7.89	152	1885	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	8264	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	5678	0.40	ng		-0.01
19) Phenanthrene-d10	17.29	188	18114	0.40	ng		-0.01
27) Chrysene-d12	21.48	240	25334	0.40	ng		-0.01
34) Perylene-d12	24.03	264	20185	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1096	0.18	ng		0.00
5) Phenol-d6	7.05	99	986	0.11	ng		-0.01
8) Nitrobenzene-d5	9.04	82	2960	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	5364	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	16.04	330	1327	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	9977	0.43	ng		0.00
25) Fluoranthene-d10	19.33	212	110033	0.45	ng		0.00
29) Terphenyl-d14	19.92	244	34897	0.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	11741	3.572	ng		94
6) bis(2-Chloroethyl)ether	7.30	93	189	0.025	ng	#	90

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

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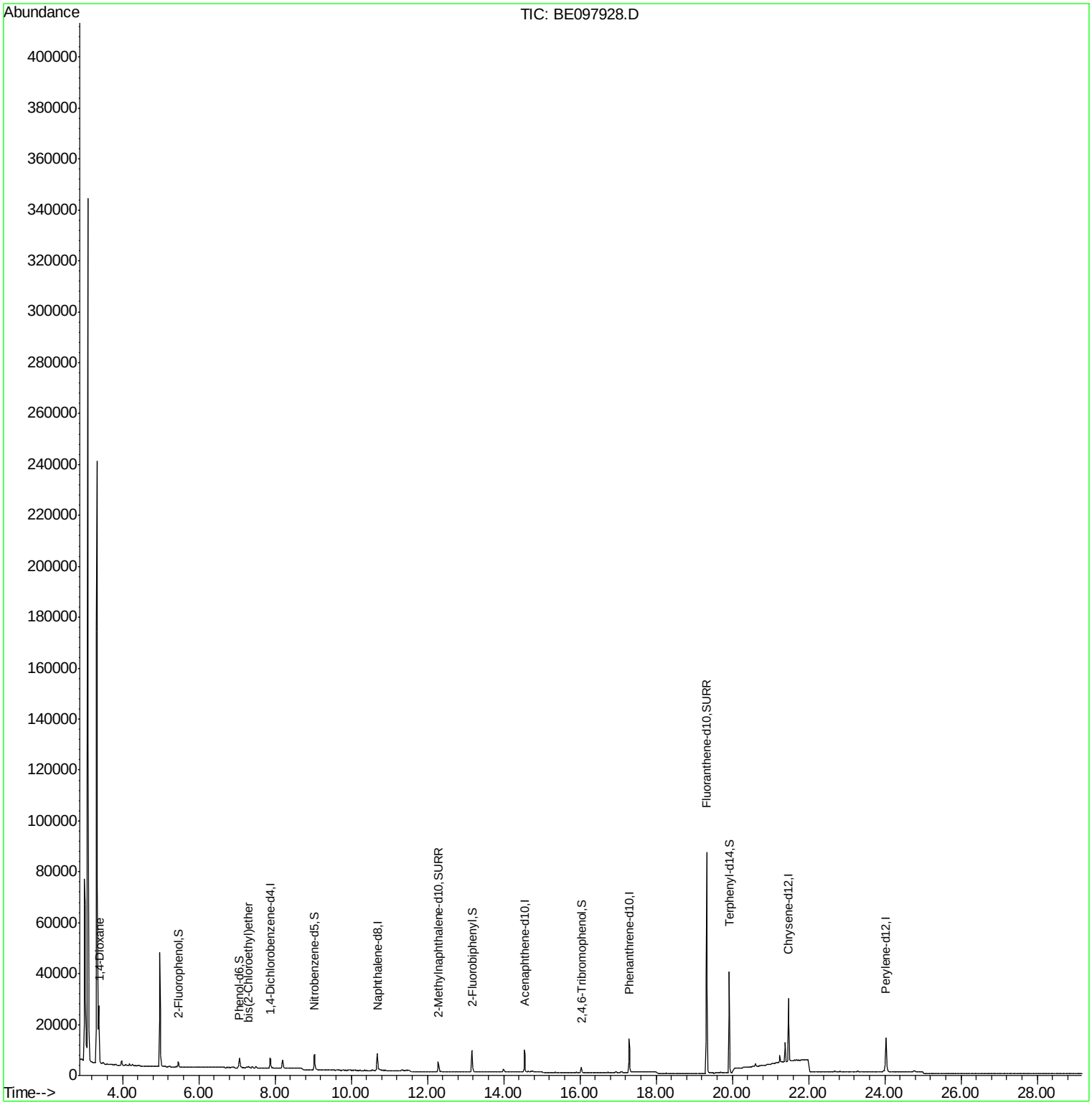
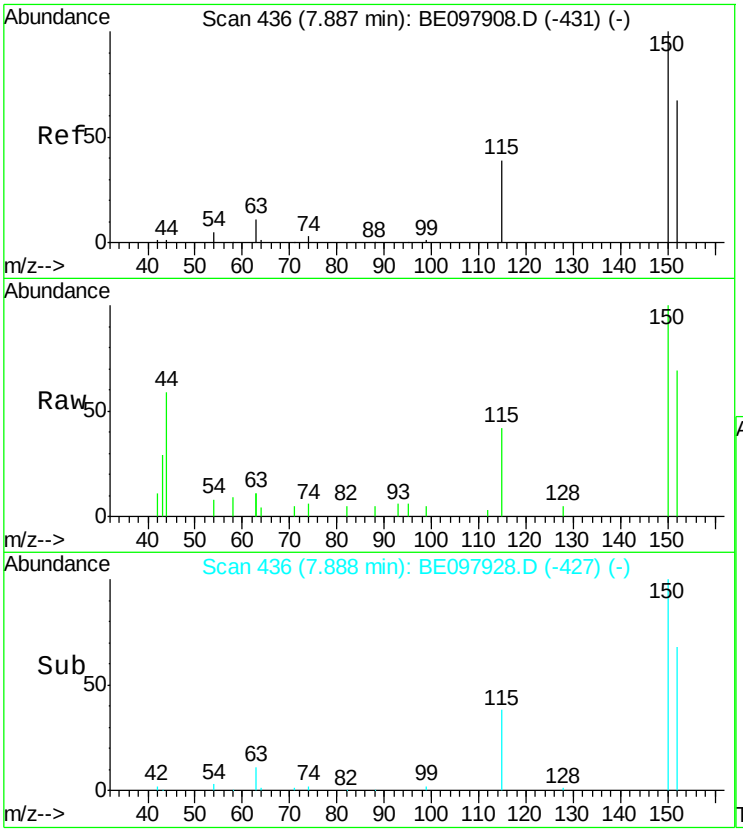


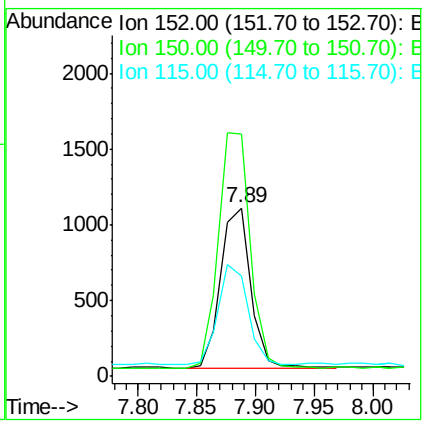


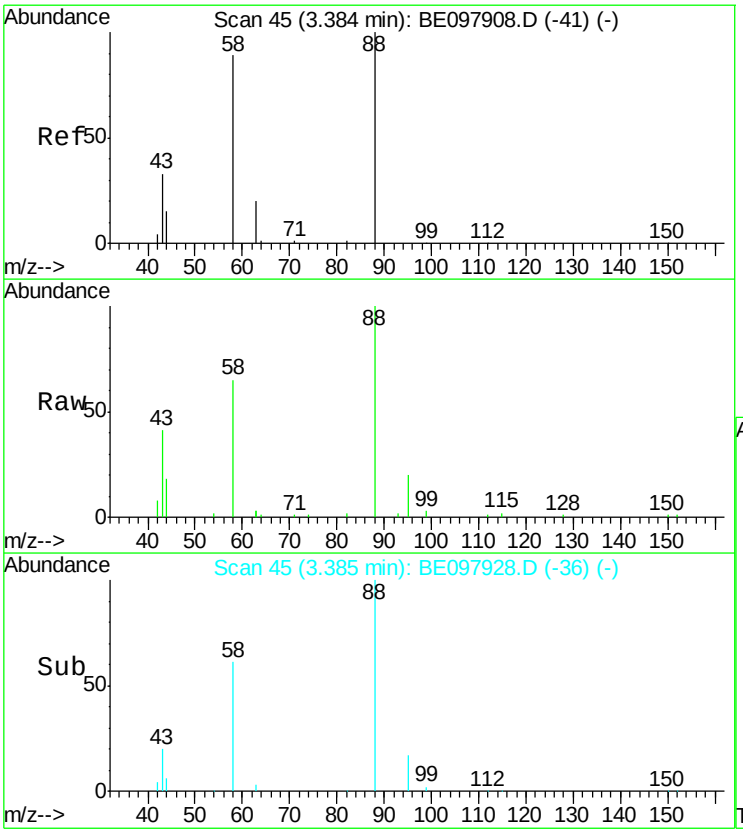
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004

Tgt Ion:152 Resp: 1885

Ion	Ratio	Lower	Upper
152	100		
150	144.4	118.2	177.4
115	60.0	50.9	76.3

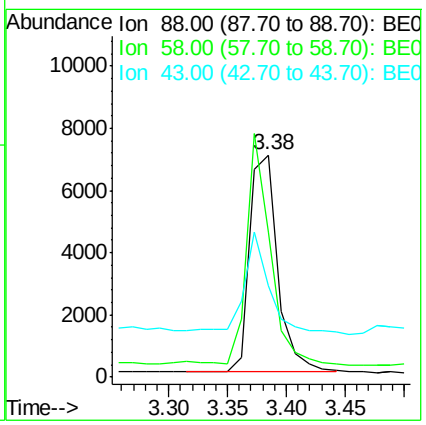


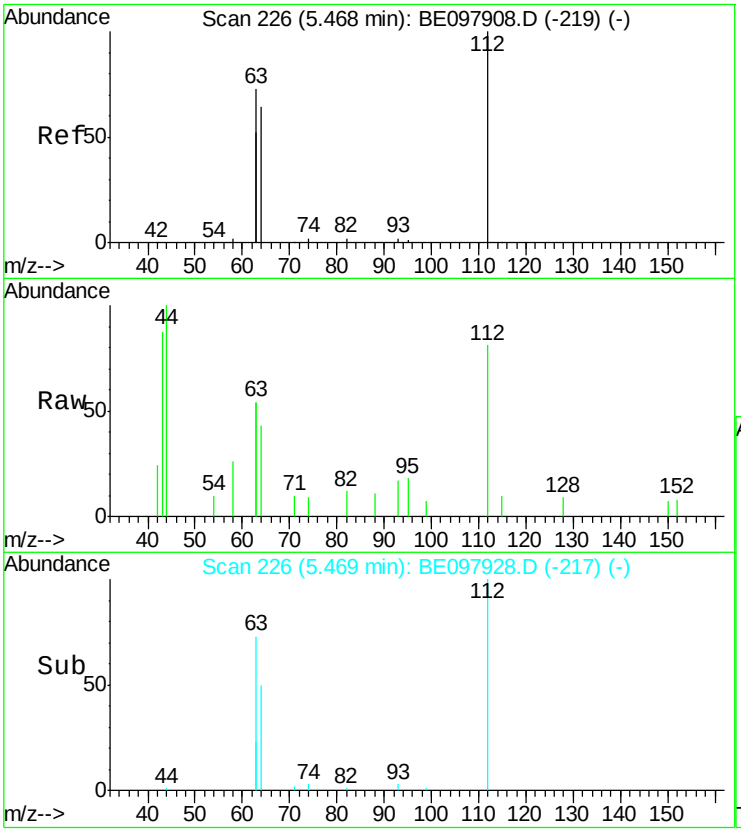


#2
1,4-Dioxane
Concen: 3.572 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Tgt Ion: 88 Resp: 11741

Ion	Ratio	Lower	Upper
88	100		
58	87.3	73.2	109.8
43	40.1	36.9	55.3



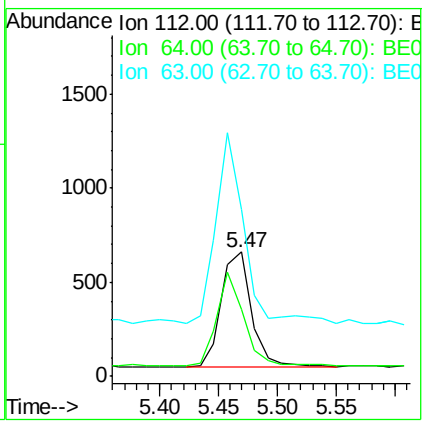


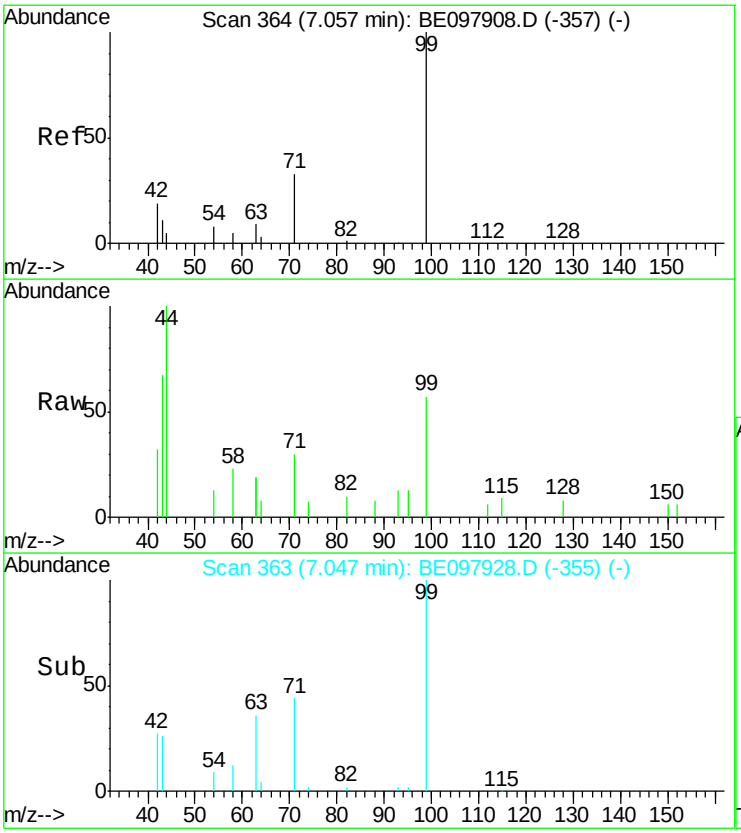
#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004

Tgt Ion:112 Resp: 1096

Ion	Ratio	Lower	Upper
112	100		
64	71.9	58.9	88.3
63	145.2	120.3	180.5

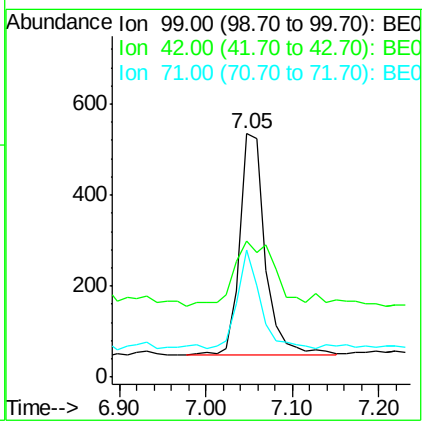


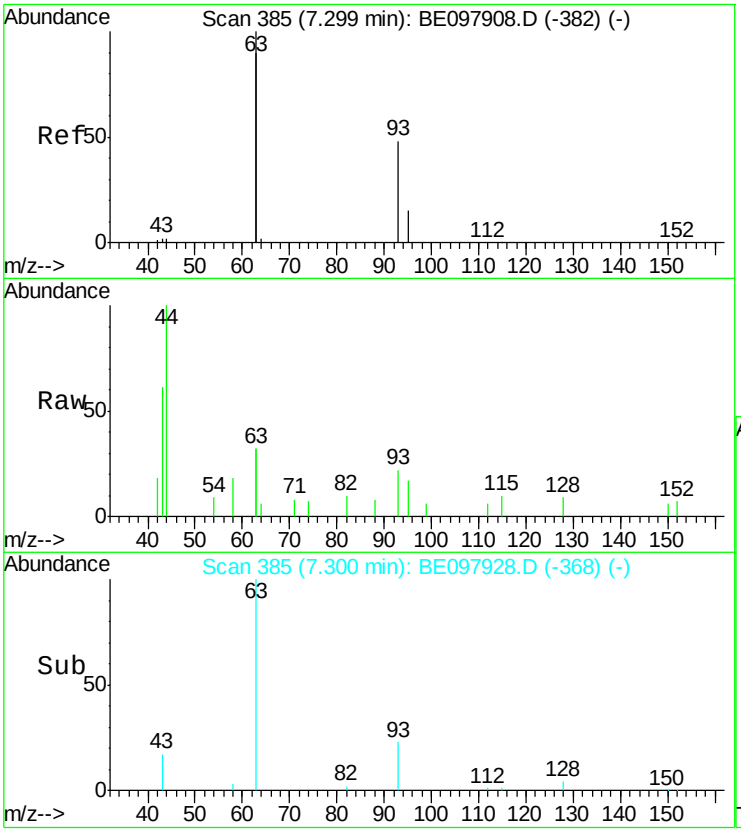


#5
Phenol-d6
Concen: 0.112 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Tgt Ion: 99 Resp: 986

Ion	Ratio	Lower	Upper
99	100		
42	47.7	19.9	29.9#
71	41.1	27.8	41.8



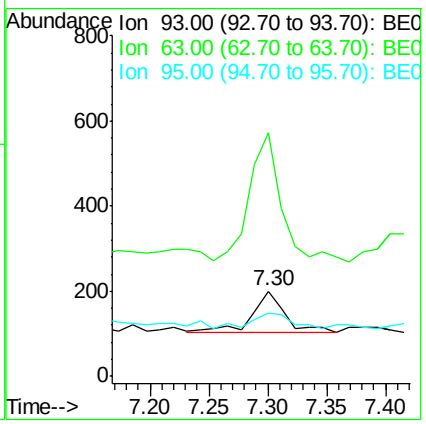


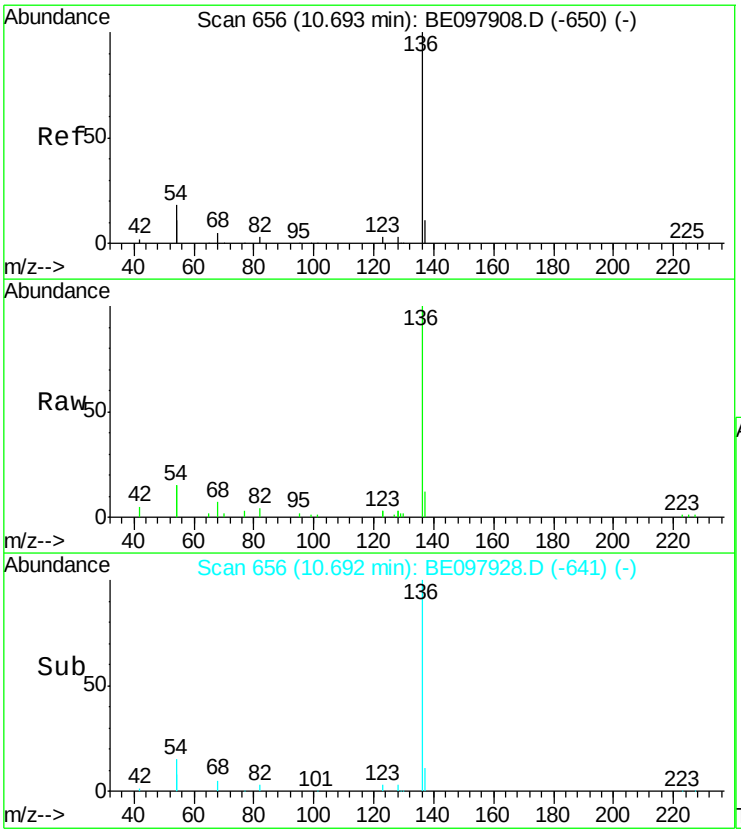
#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004

Tgt Ion: 93 Resp: 189

Ion	Ratio	Lower	Upper
93	100		
63	307.4	259.0	388.4
95	49.7	27.8	41.8#

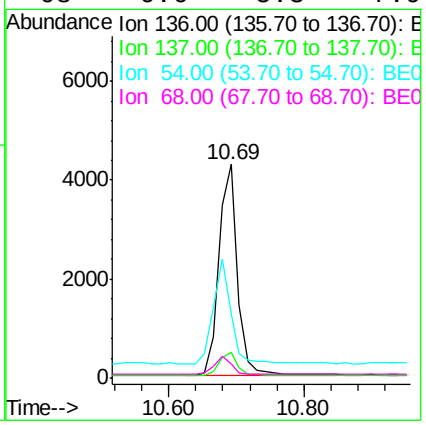


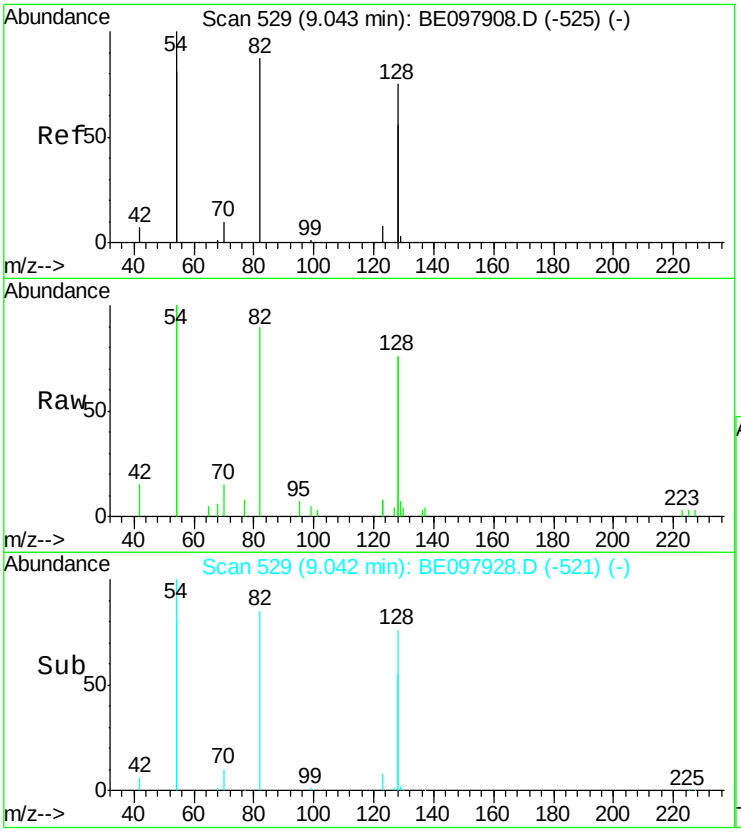


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Tgt Ion:136 Resp: 8264

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	30.1	27.7	41.5
68	6.6	5.3	7.9



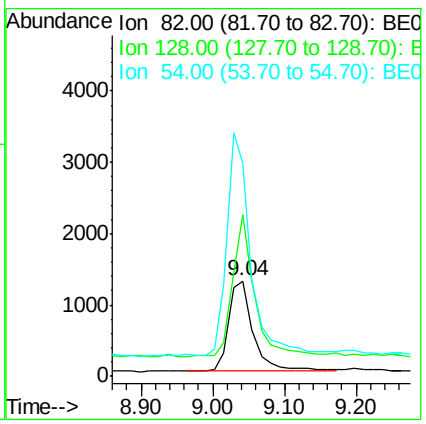


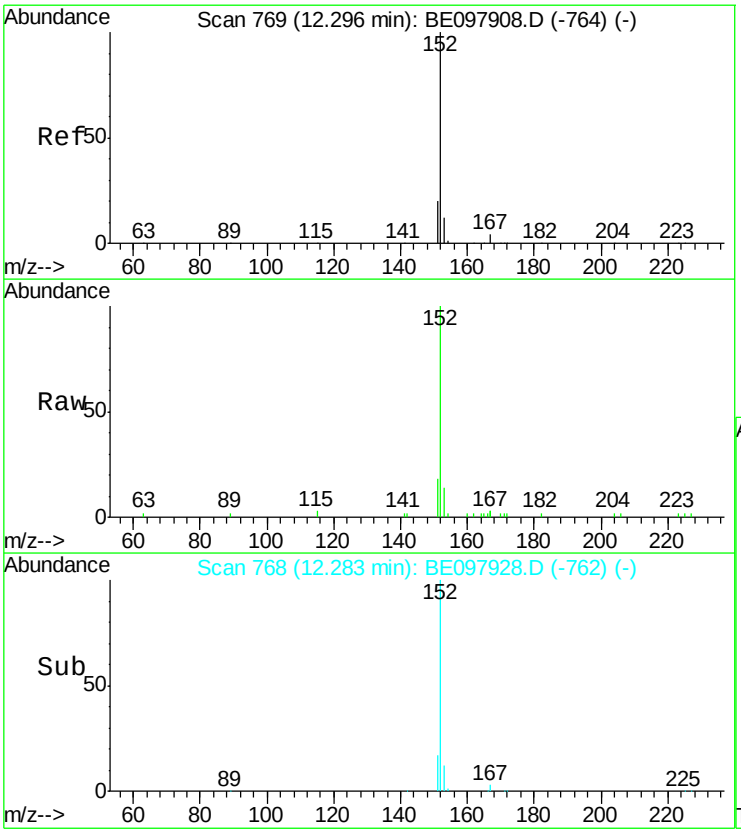
#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 9.04 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004

Tgt Ion: 82 Resp: 2960

Ion	Ratio	Lower	Upper
82	100		
128	169.3	129.9	194.9
54	222.9	174.0	261.0

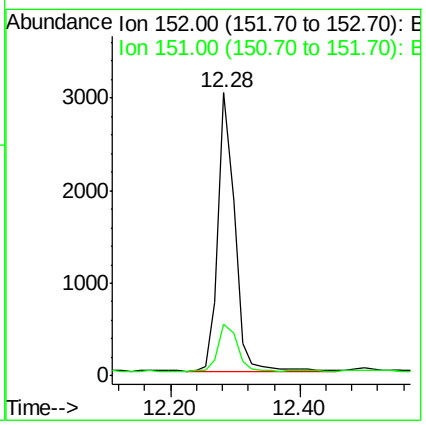


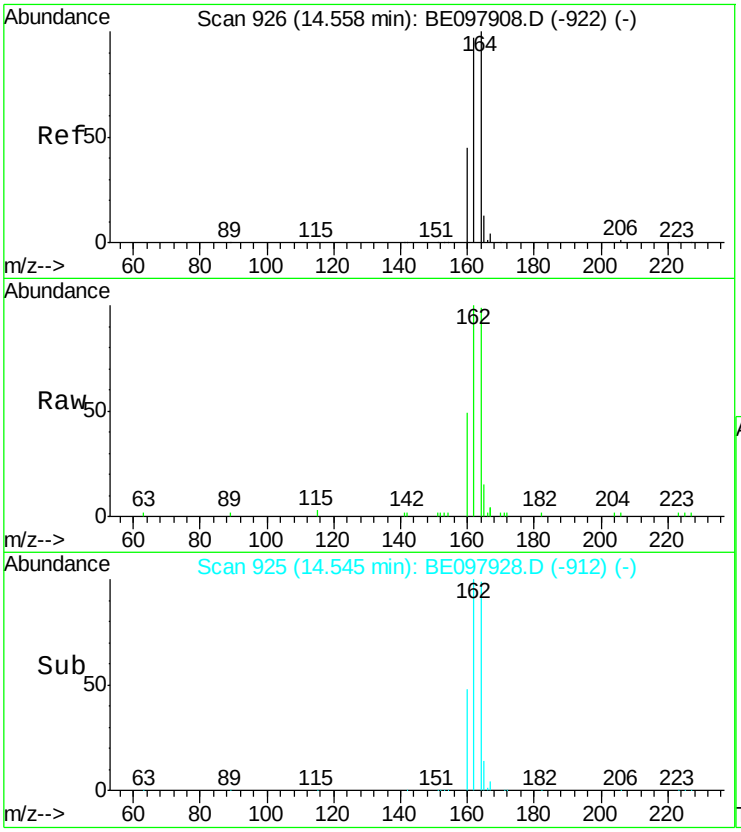


#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Tgt Ion:152 Resp: 5364

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.4



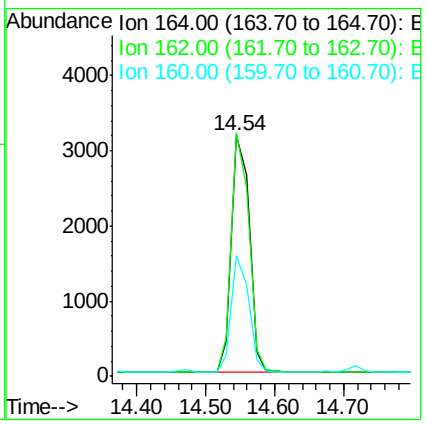


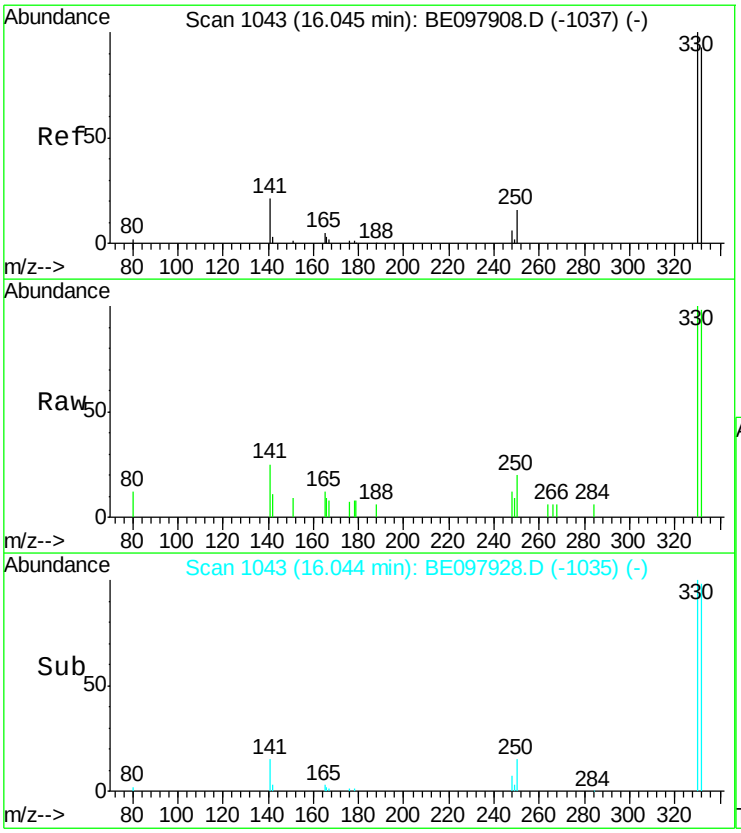
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004

Tgt Ion:164 Resp: 5678

Ion	Ratio	Lower	Upper
164	100		
162	101.2	77.4	116.2
160	50.0	36.5	54.7

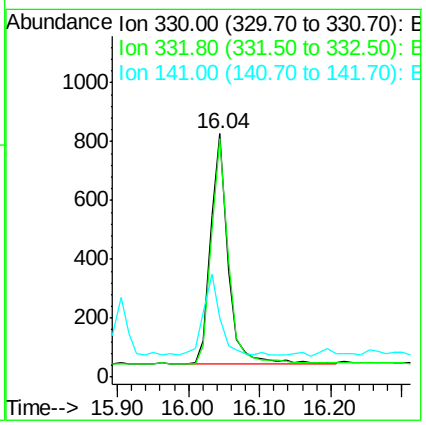


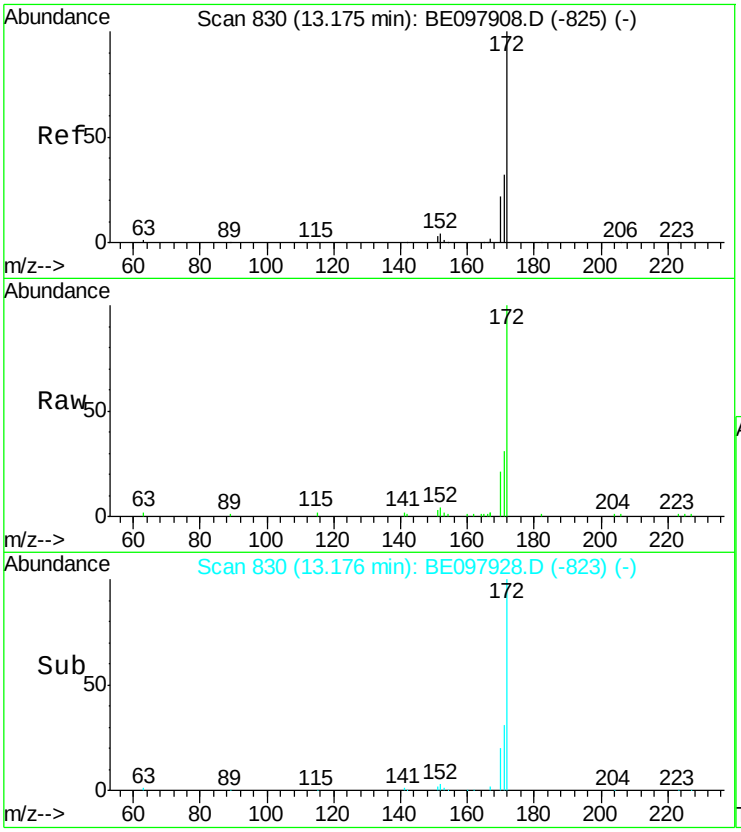


#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Tgt Ion:330 Resp: 1327

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.5	114.7
141	32.2	31.8	47.6



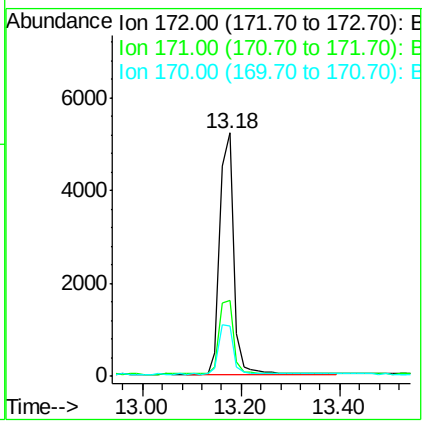


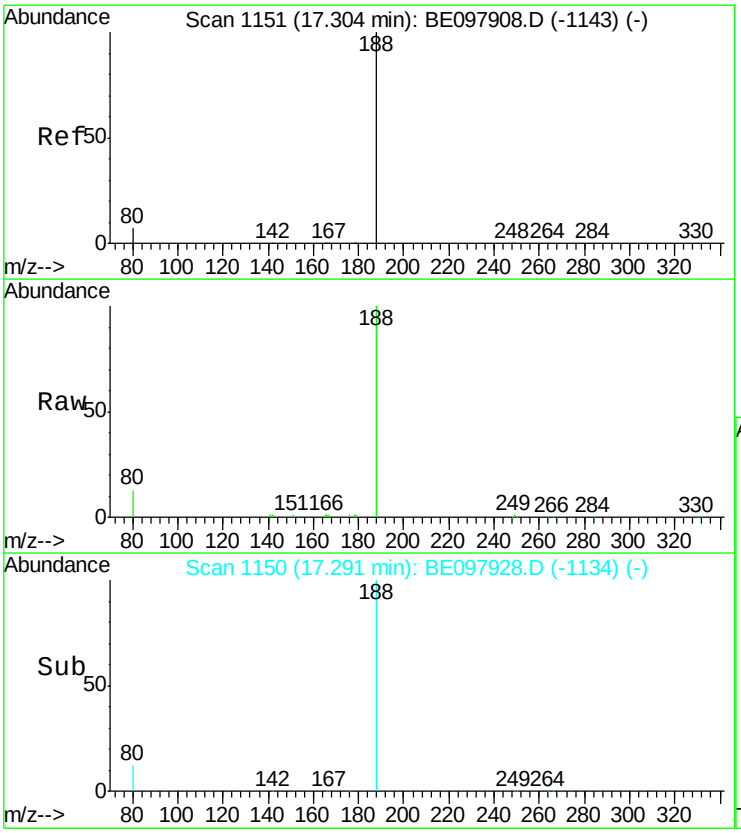
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.18 min Scan# 830
Delta R.T. 0.00 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004

Tgt Ion:172 Resp: 9977

Ion	Ratio	Lower	Upper
172	100		
171	31.2	26.0	39.0
170	20.9	18.0	27.0

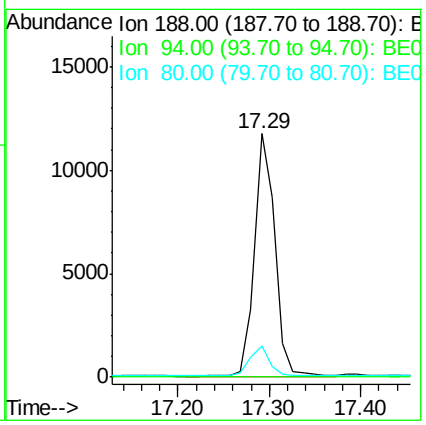


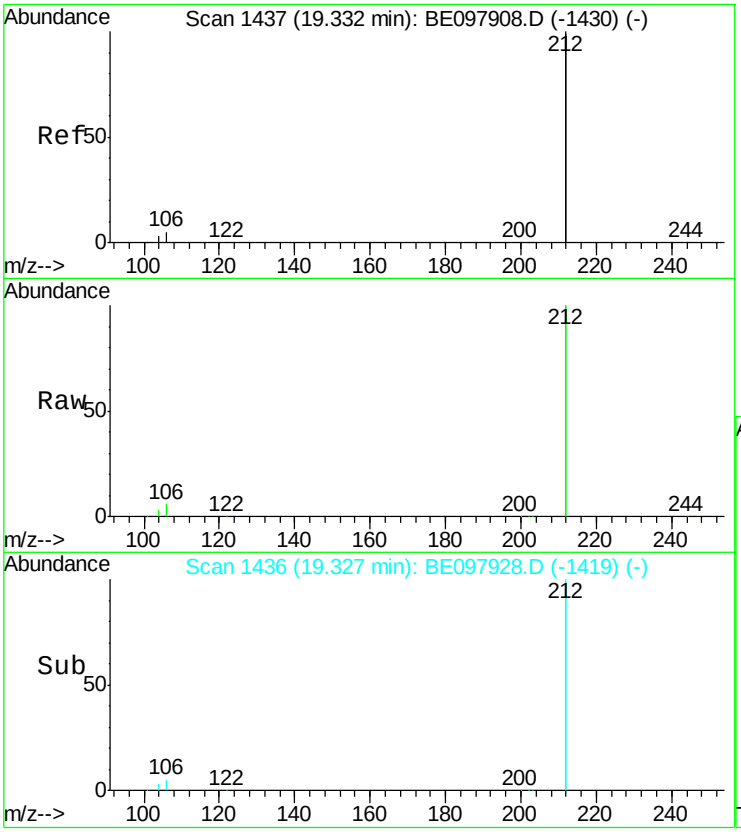


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Tgt Ion:188 Resp: 18114

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	6.3	9.5#



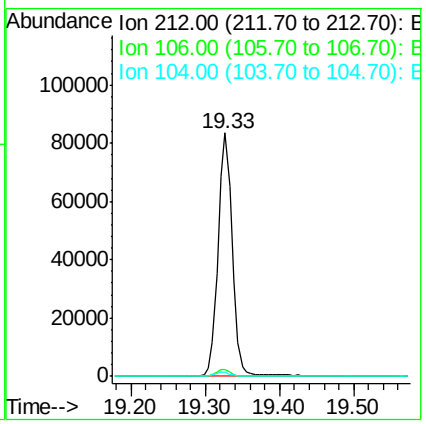


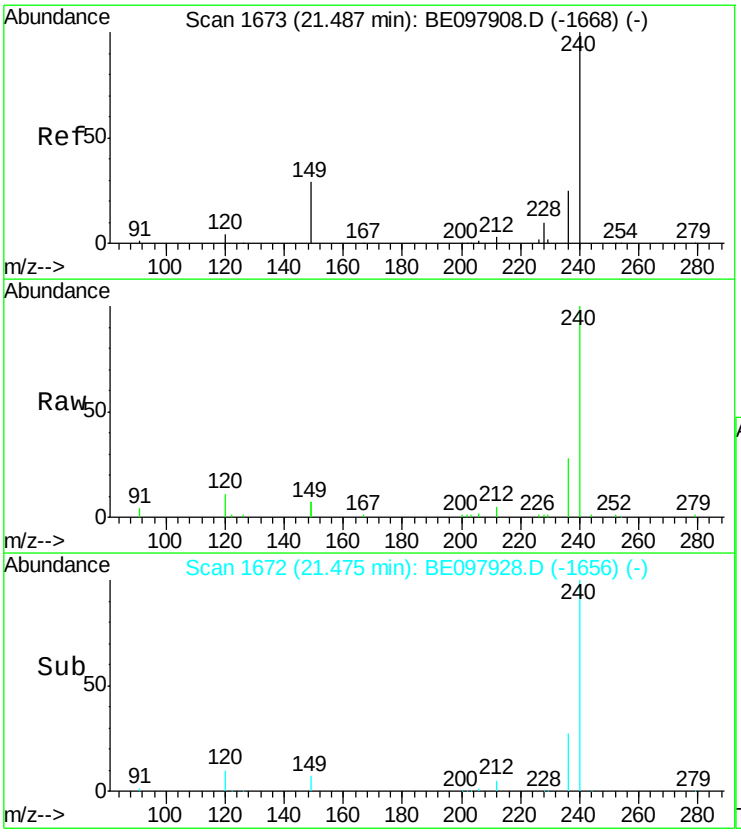
#25
Fluoranthene-d10
Concen: 0.448 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004

Tgt Ion:212 Resp: 110033

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9

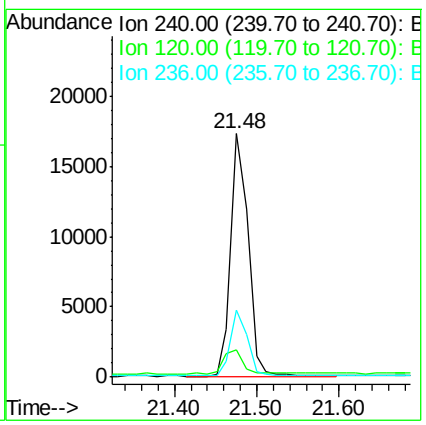


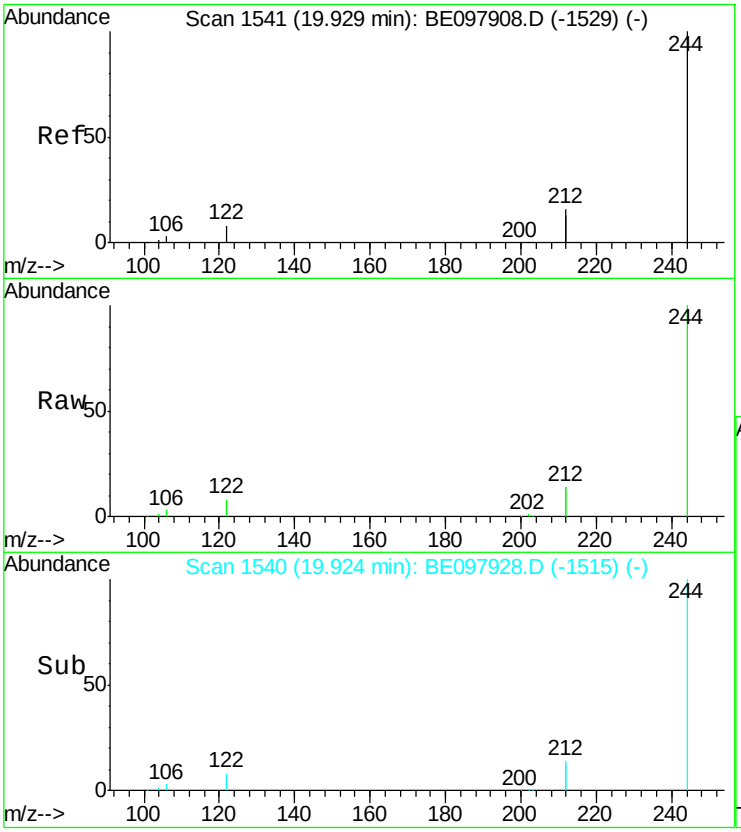


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Tgt Ion:240 Resp: 25334

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.1	10.7#
236	27.5	21.3	31.9



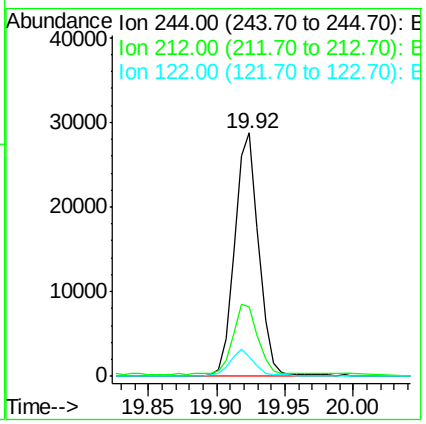


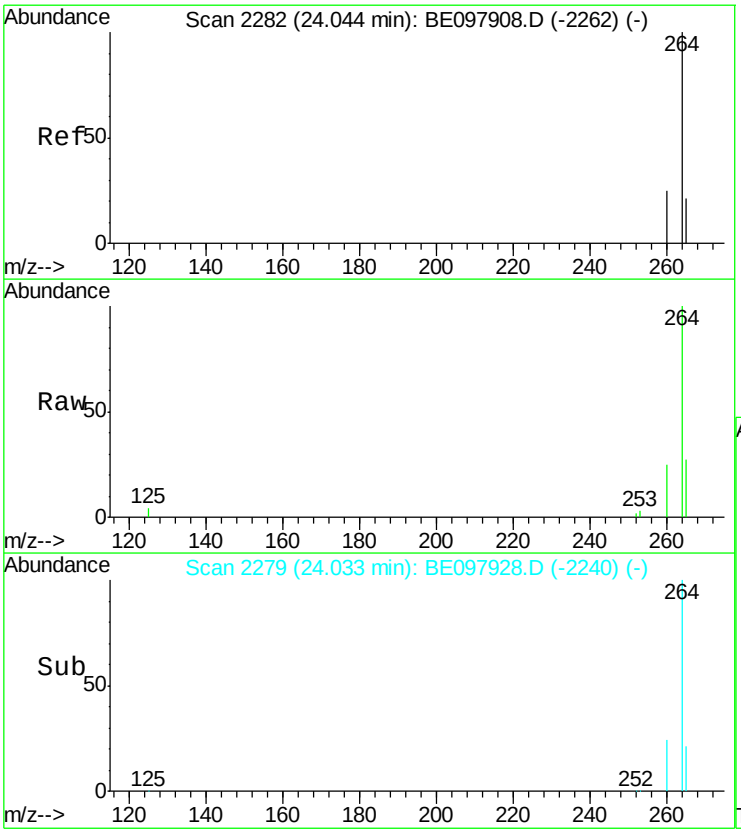
#29
Terphenyl-d14
Concen: 0.601 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004

Tgt Ion:244 Resp: 34897

Ion	Ratio	Lower	Upper
244	100		
212	28.6	26.2	39.2
122	8.2	7.7	11.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Tgt Ion:264 Resp: 20185

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.1	31.7
265	27.2	29.2	43.8#