Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
Data File : BE098419.D
Acq On : 14 Dec 2018 4:49
Operator : SJ/JU
Sample : J6325-05DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-125D1-20181204DL

Quant Time: Dec 14 06:09:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	902	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4023	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2691	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7022	0.40	ng	0.00
27) Chrysene-d12	21.46	240	7959	0.40	ng	0.00
34) Perylene-d12	24.00	264	7794	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	150	0.07	ng	0.01
5) Phenol-d6	7.08	99	154	0.05	ng	0.03
8) Nitrobenzene-d5	9.09	82	233	0.06	ng	0.08
11) 2-Methylnaphthalene-d10	12.28	152	531	0.08	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	94	0.10	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	1183	0.10	ng	0.01
25) Fluoranthene-d10	19.31	212	8505	0.09	ng	0.00
29) Terphenyl-d14	19.91	244	1714	0.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	2240	1.436	ng	# 93
9) Naphthalene	10.72	128	1060	0.026	ng	# 78
12) 2-Methylnaphthalene	12.35	142	207	0.031	ng	# 74
22) Pentachlorophenol	16.93	266	3	0.021	ng	# 67

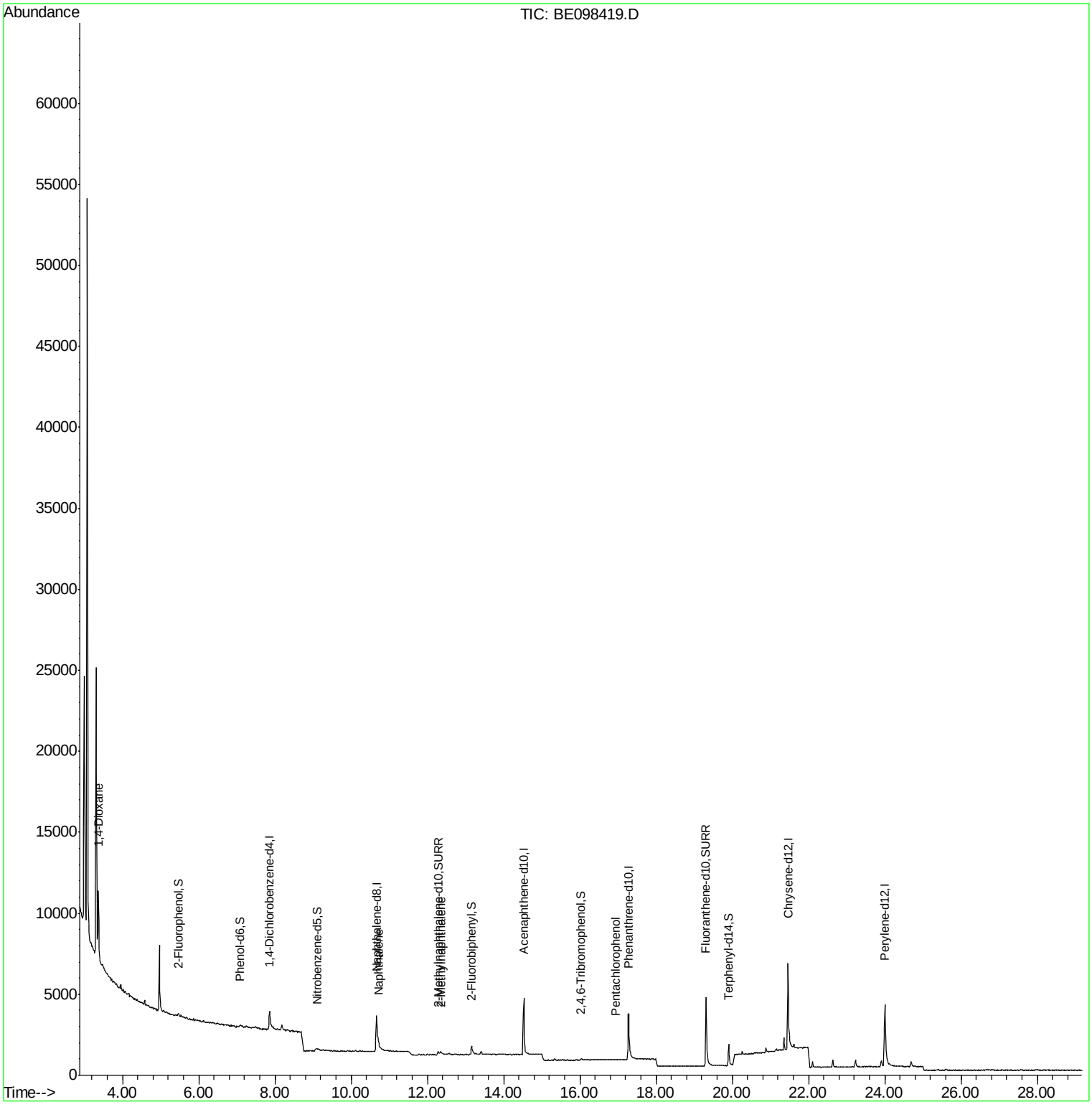
(#) = qualifier out of range (m) = manual integration (+) = signals summed

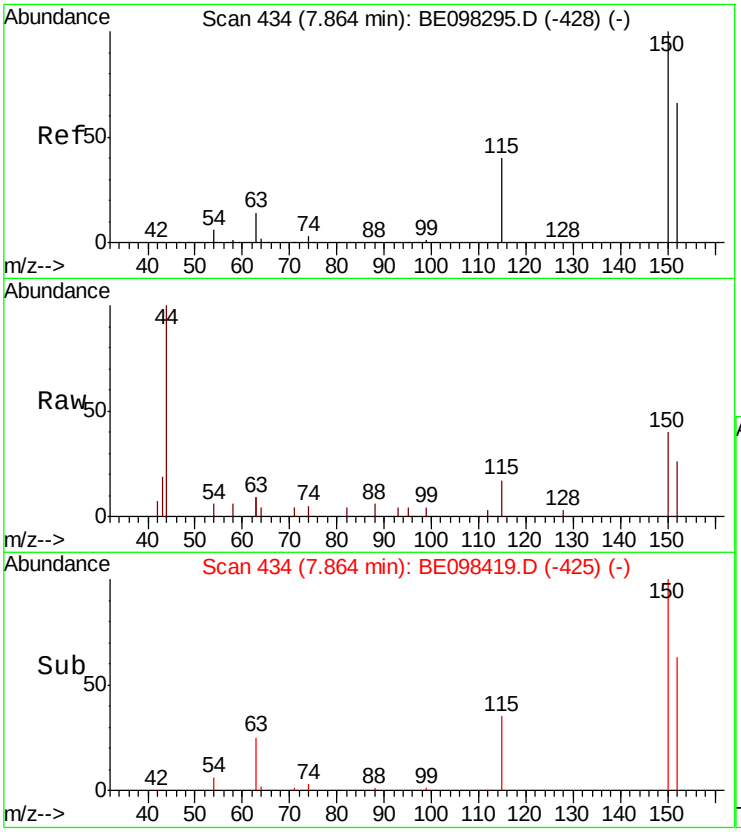
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
Data File : BE098419.D
Acq On : 14 Dec 2018 4:49
Operator : SJ/JU
Sample : J6325-05DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Quant Time: Dec 14 06:09:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



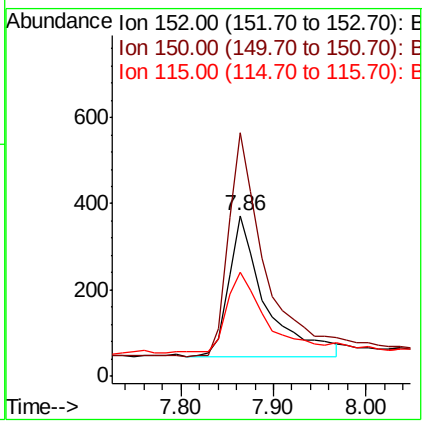


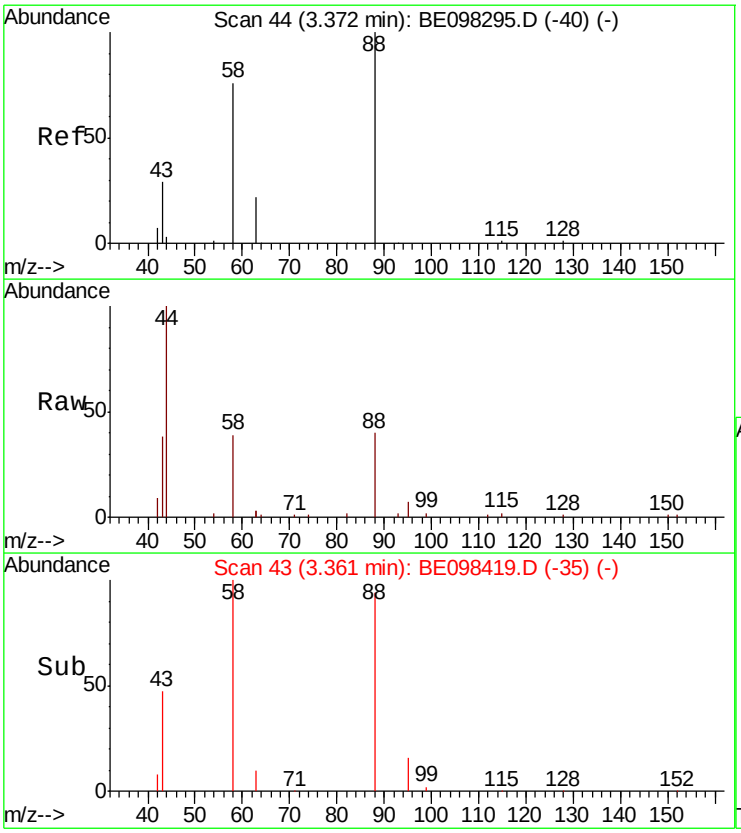
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Tgt Ion:152 Resp: 902

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.2	186.4
115	64.5	53.9	80.9

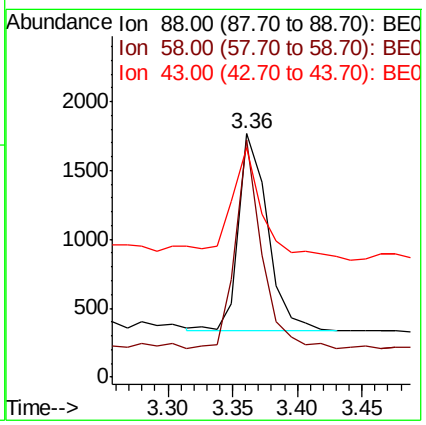


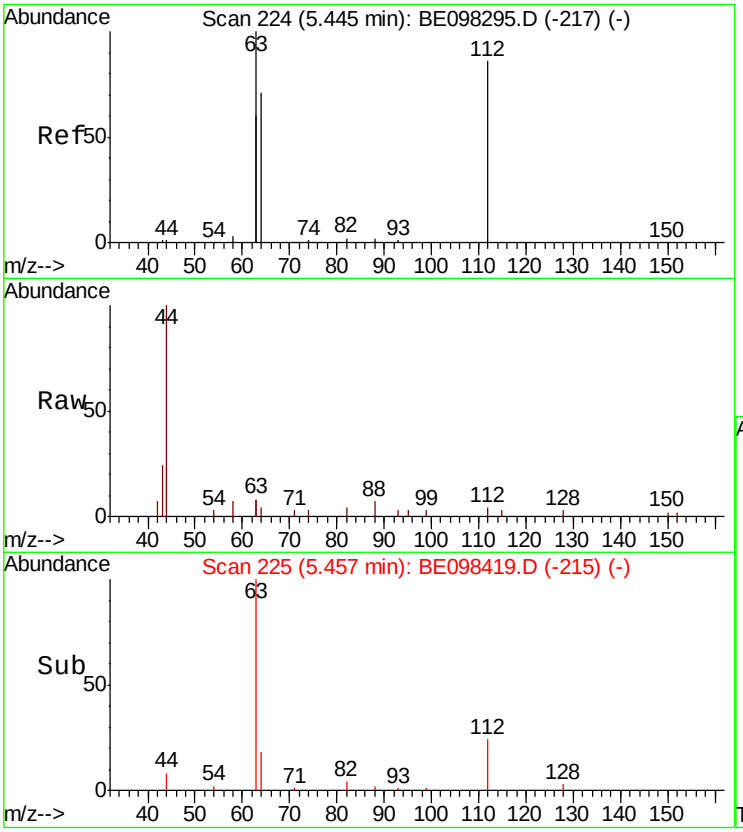


#2
1,4-Dioxane
Concen: 1.436 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Tgt Ion: 88 Resp: 2240

Ion	Ratio	Lower	Upper
88	100		
58	94.6	75.0	112.6
43	60.5	38.3	57.5#



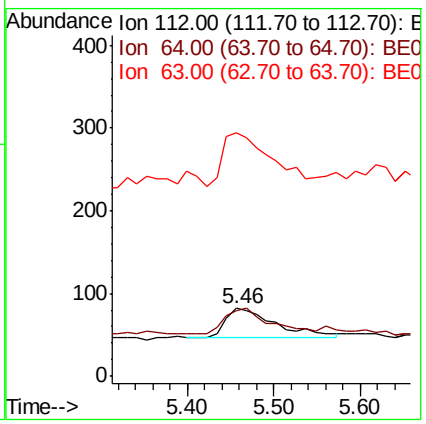


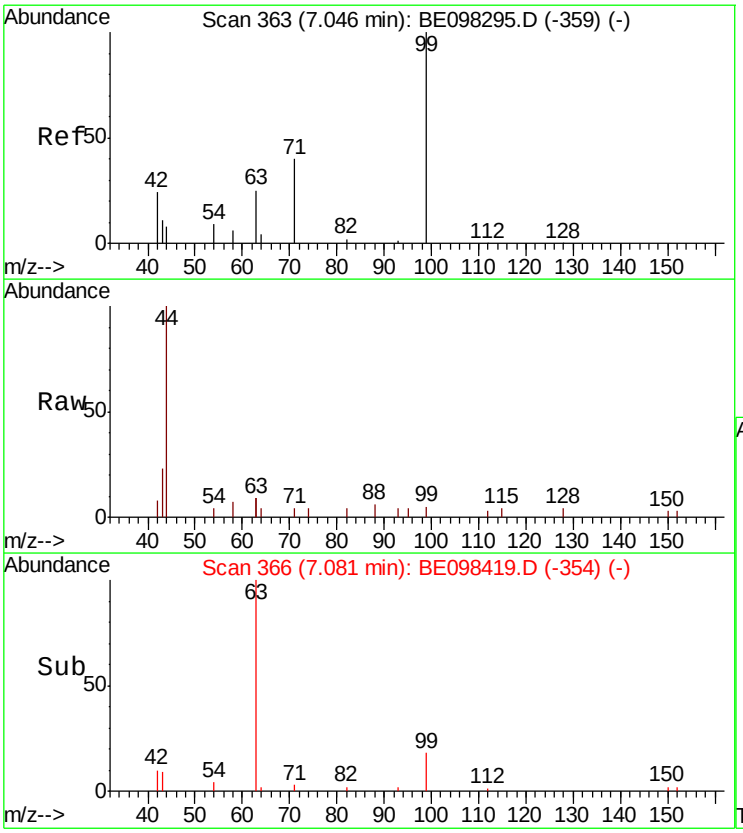
#4
2-Fluorophenol
Concen: 0.071 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Tgt Ion:112 Resp: 150

Ion	Ratio	Lower	Upper
112	100		
64	75.3	59.8	89.8
63	168.7	133.7	200.5

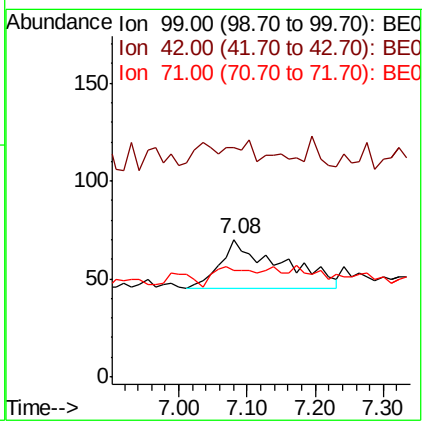


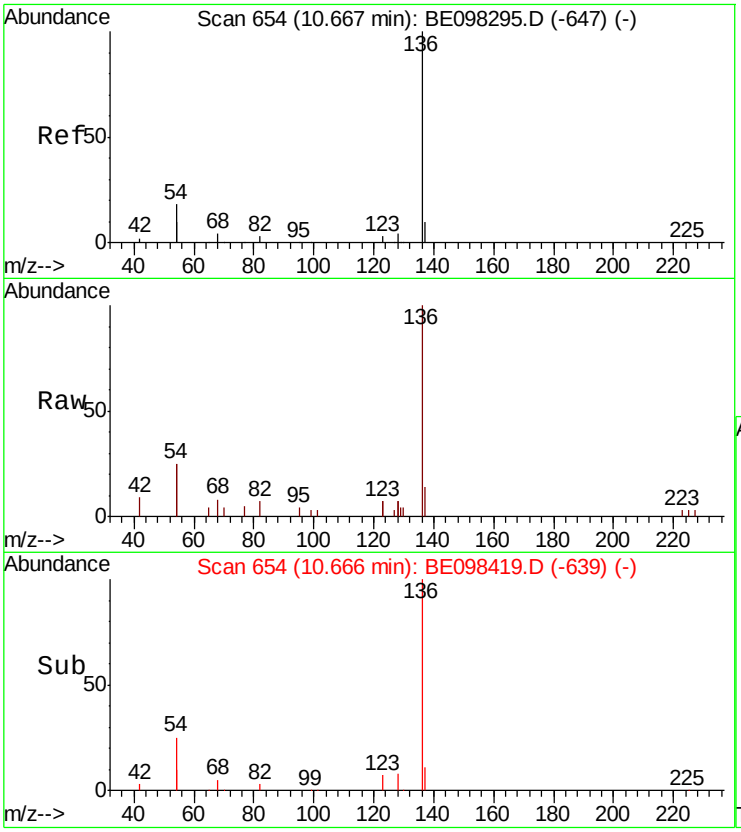


#5
Phenol-d6
Concen: 0.052 ng
RT: 7.08 min Scan# 366
Delta R.T. 0.03 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Tgt Ion: 99 Resp: 154

Ion	Ratio	Lower	Upper
99	100		
42	0.0	26.3	39.5#
71	25.3	33.6	50.4#



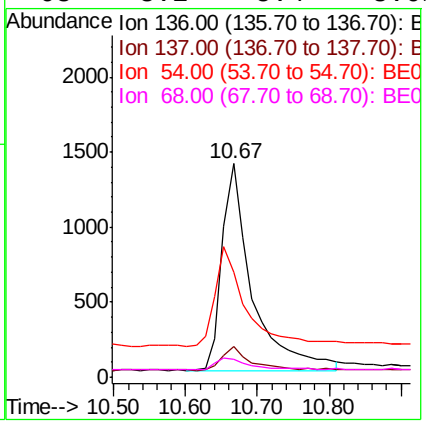


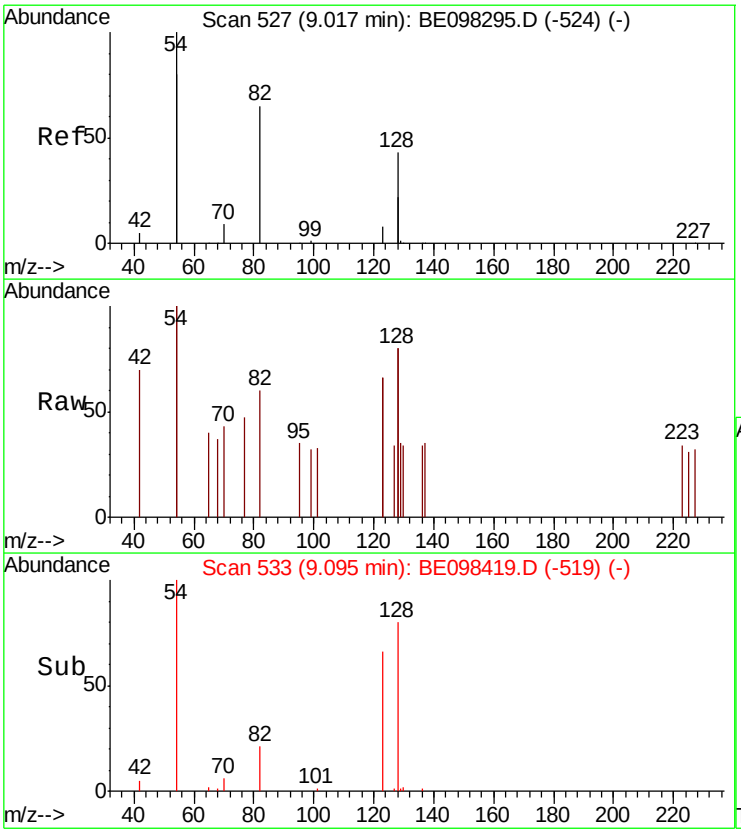
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Tgt Ion:136 Resp: 4023

Ion	Ratio	Lower	Upper
136	100		
137	14.1	9.2	13.8#
54	49.1	28.4	42.6#
68	8.2	5.4	8.0#

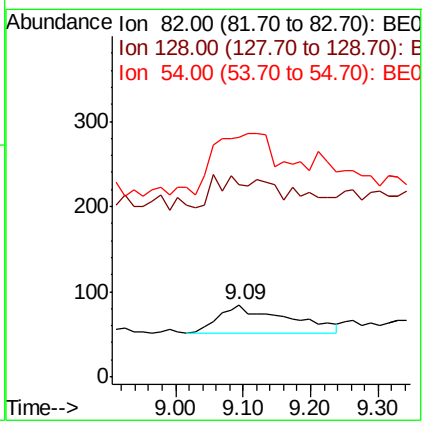


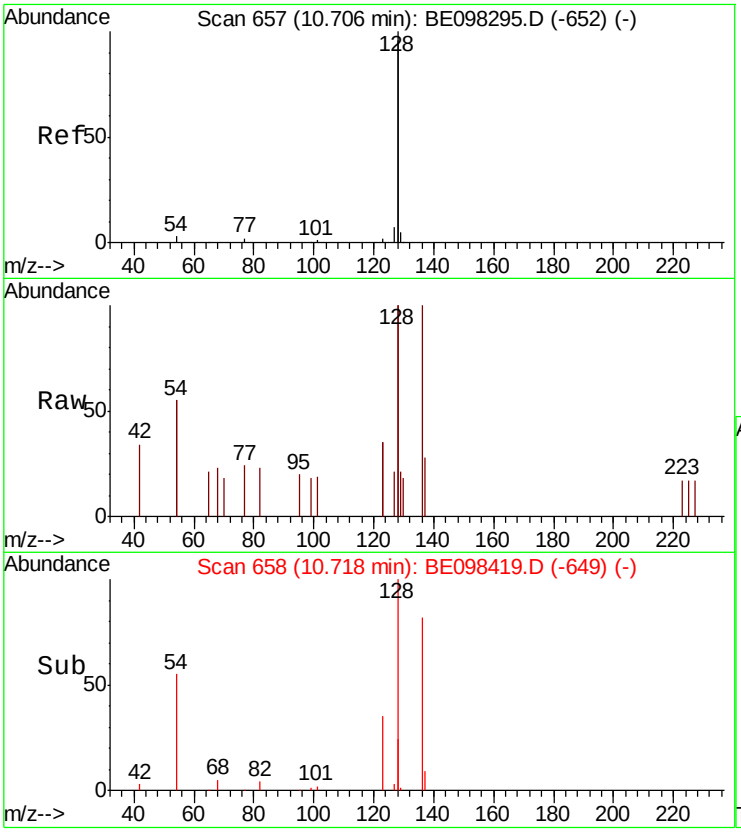


#8
Nitrobenzene-d5
Concen: 0.064 ng
RT: 9.09 min Scan# 533
Delta R.T. 0.08 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Tgt Ion: 82 Resp: 233

Ion	Ratio	Lower	Upper
82	100		
128	265.9	102.4	153.6#
54	331.8	221.8	332.8



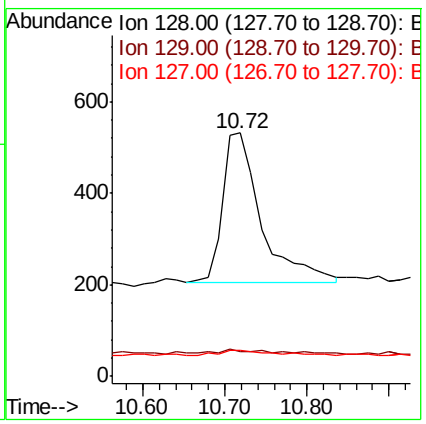


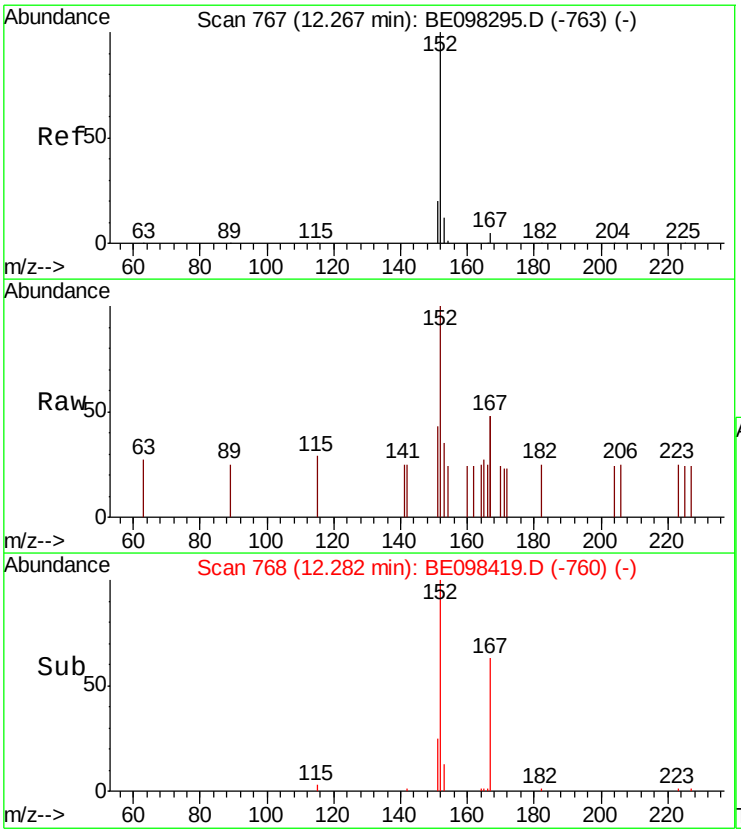
#9
Naphthalene
Concen: 0.026 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.01 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Tgt Ion:128 Resp: 1060

Ion	Ratio	Lower	Upper
128	100		
129	10.3	2.5	3.7#
127	10.7	2.7	4.1#

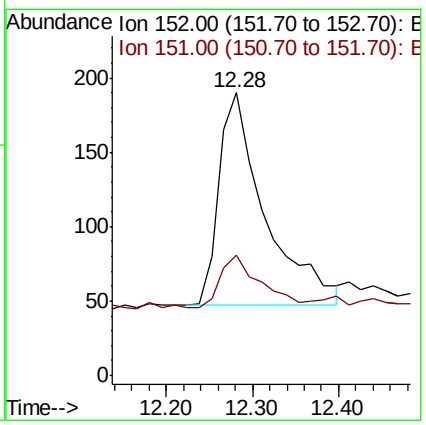


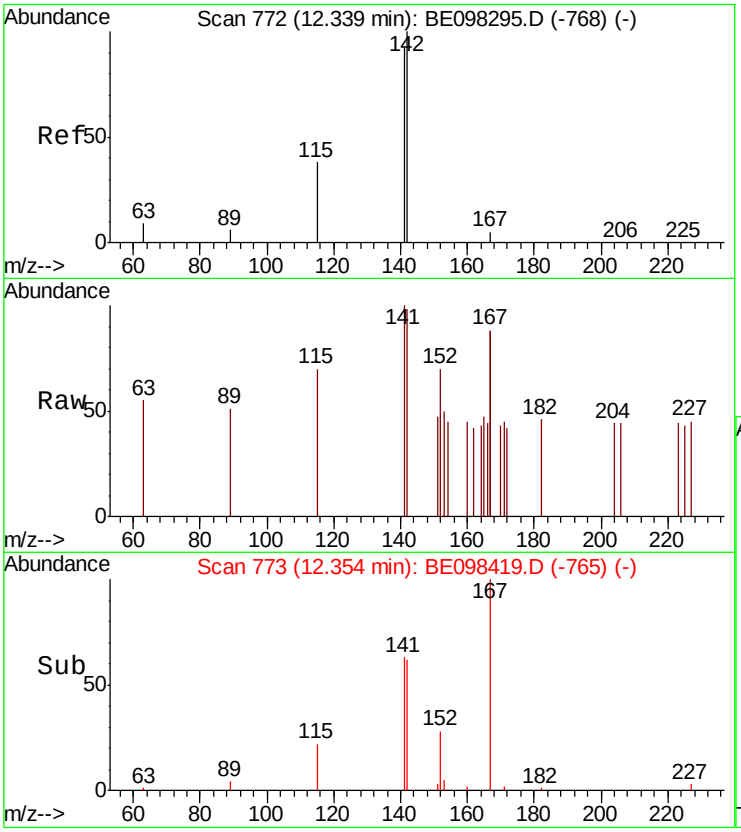


#11
2-Methylnaphthalene-d10
Concen: 0.081 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Tgt Ion:152 Resp: 531

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4



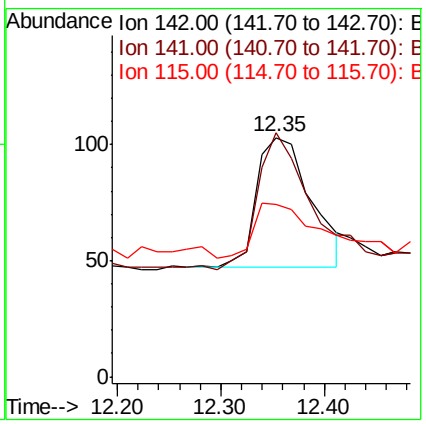


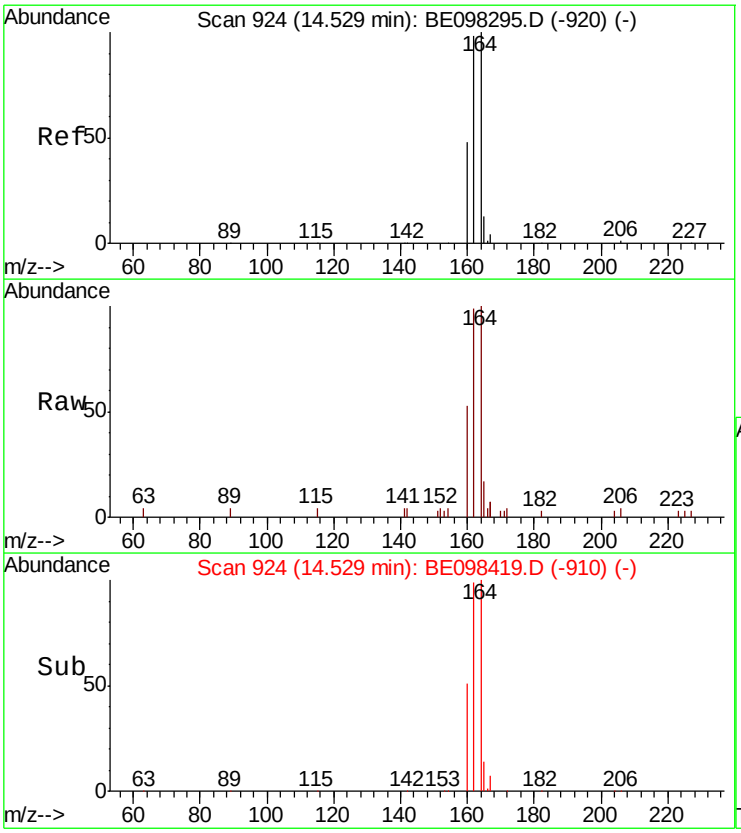
#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.35 min Scan# 773
Delta R.T. 0.01 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Tgt Ion:142 Resp: 207

Ion	Ratio	Lower	Upper
142	100		
141	101.9	71.0	106.6
115	71.8	32.2	48.2#

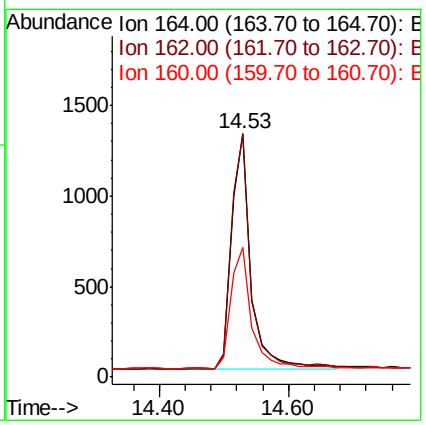


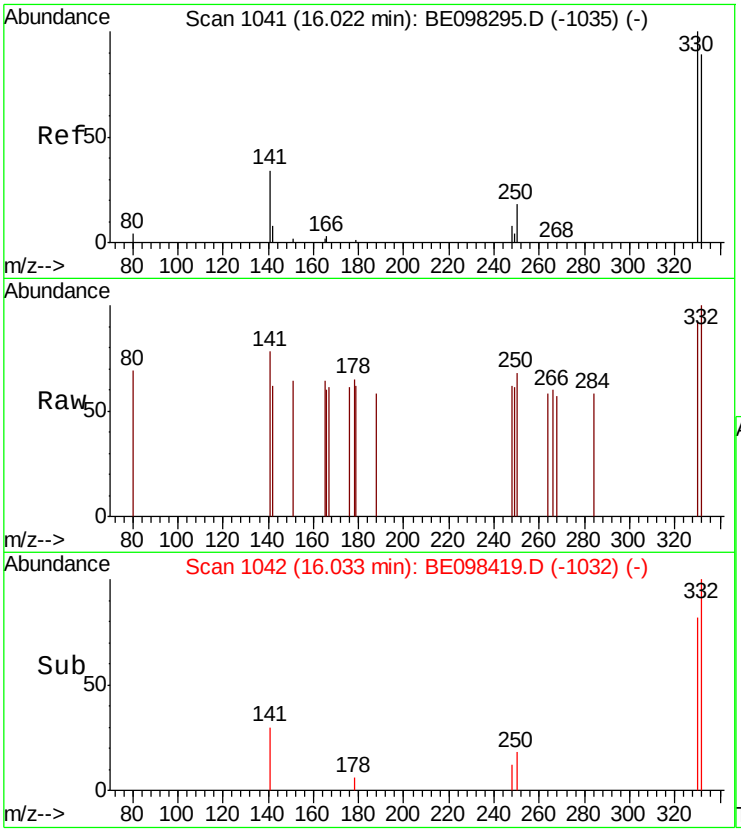


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Tgt Ion:164 Resp: 2691

Ion	Ratio	Lower	Upper
164	100		
162	99.4	77.6	116.4
160	53.1	36.0	54.0



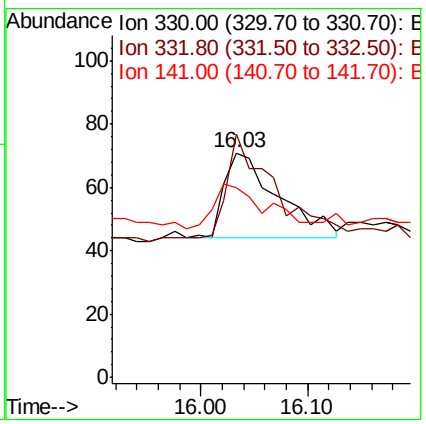


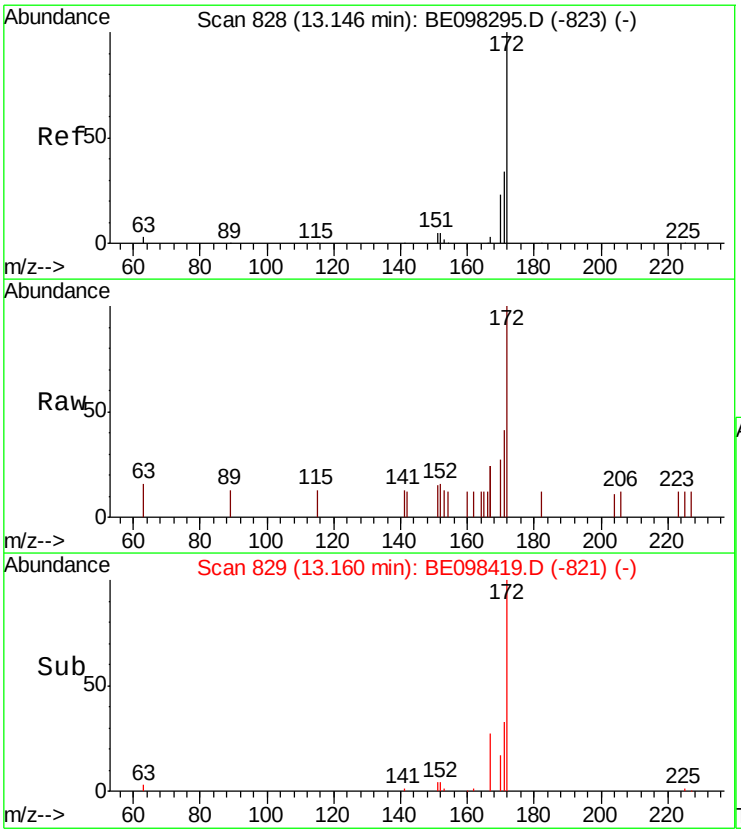
#14
2,4,6-Tribromophenol
Concen: 0.095 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Tgt Ion:330 Resp: 94

Ion	Ratio	Lower	Upper
330	100		
332	122.3	76.2	114.4#
141	50.0	39.0	58.4

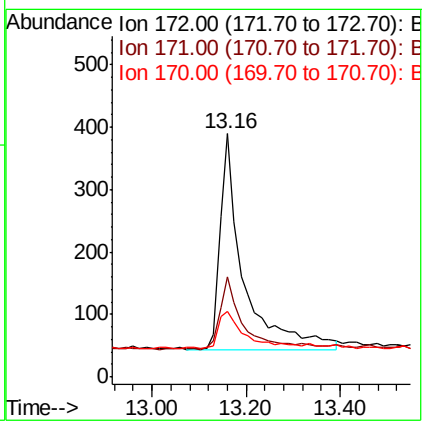


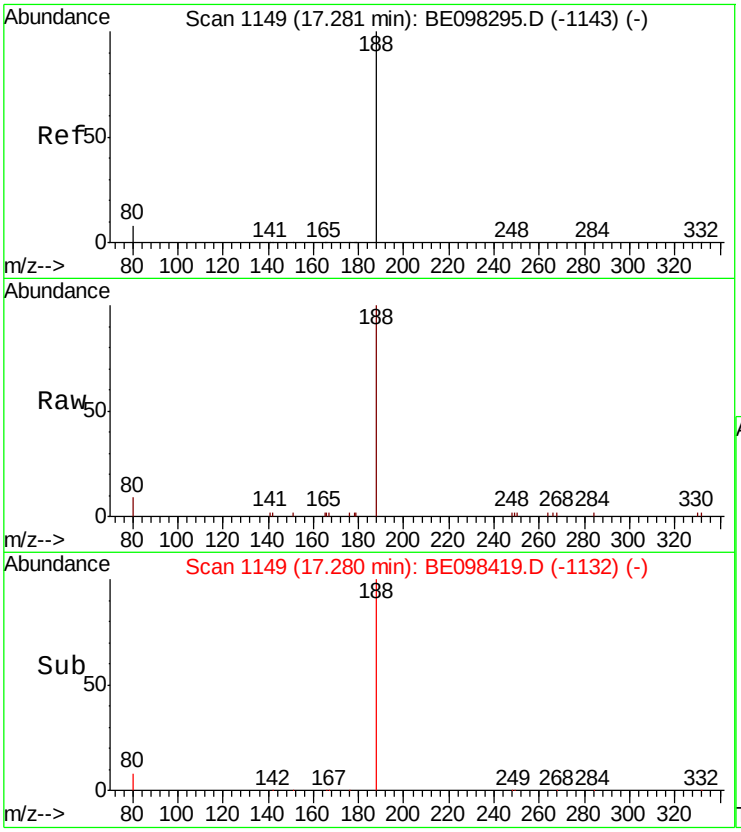


#15
2-Fluorobiphenyl
Concen: 0.104 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Tgt Ion:172 Resp: 1183

Ion	Ratio	Lower	Upper
172	100		
171	41.0	27.5	41.3
170	27.2	19.6	29.4



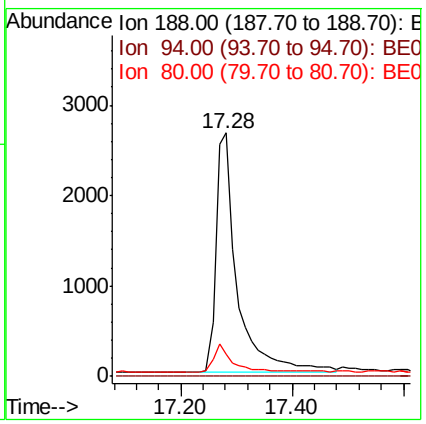


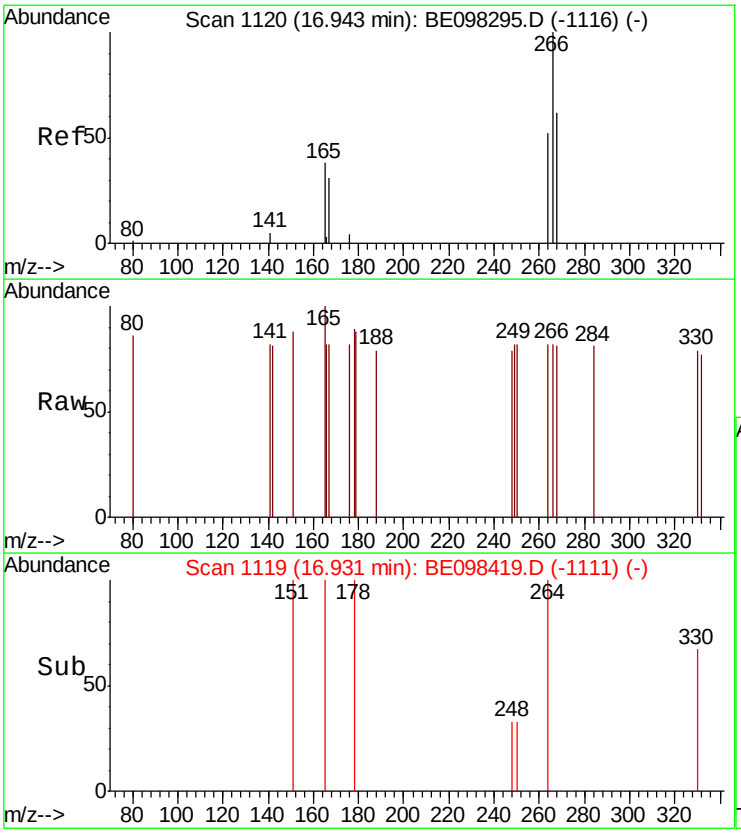
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Tgt Ion:188 Resp: 7022

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.2	10.8

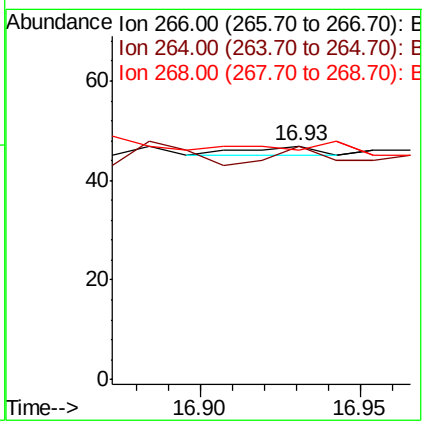


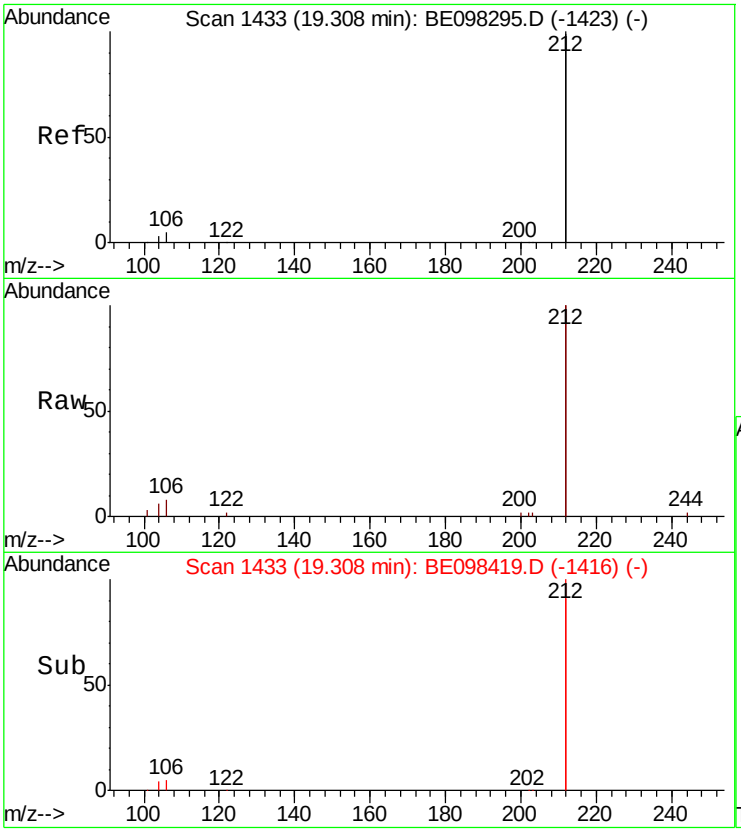


#22
Pentachlorophenol
Concen: 0.021 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	100.0	59.0	88.4#
268	97.9	55.1	82.7#



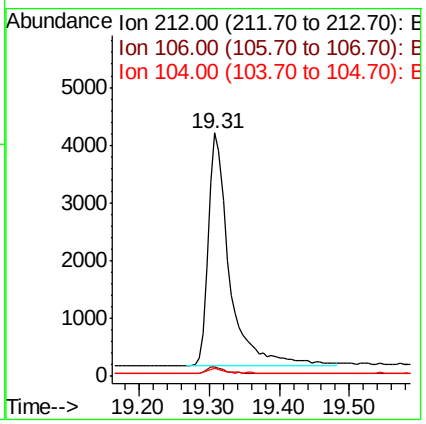


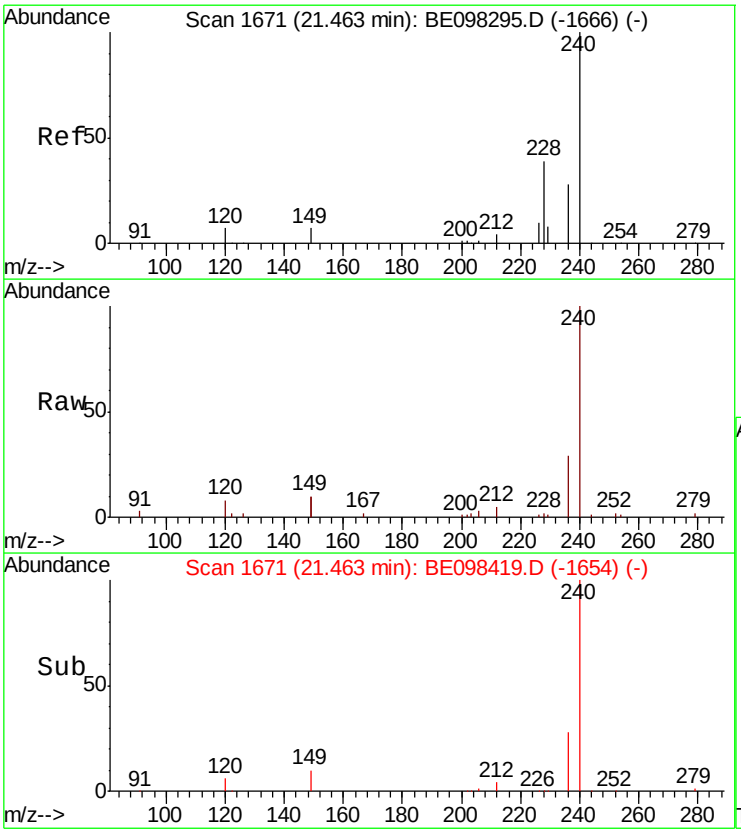
#25
Fluoranthene-d10
Concen: 0.094 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Tgt Ion:212 Resp: 8505

Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.2	3.2
104	1.7	1.3	1.9

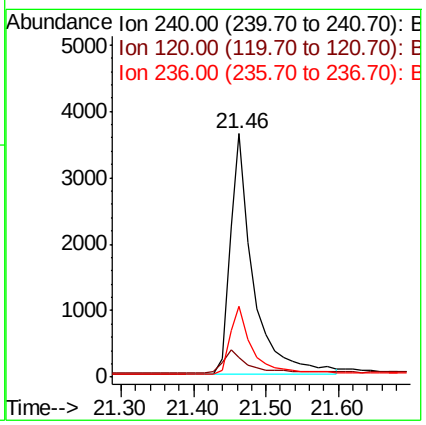


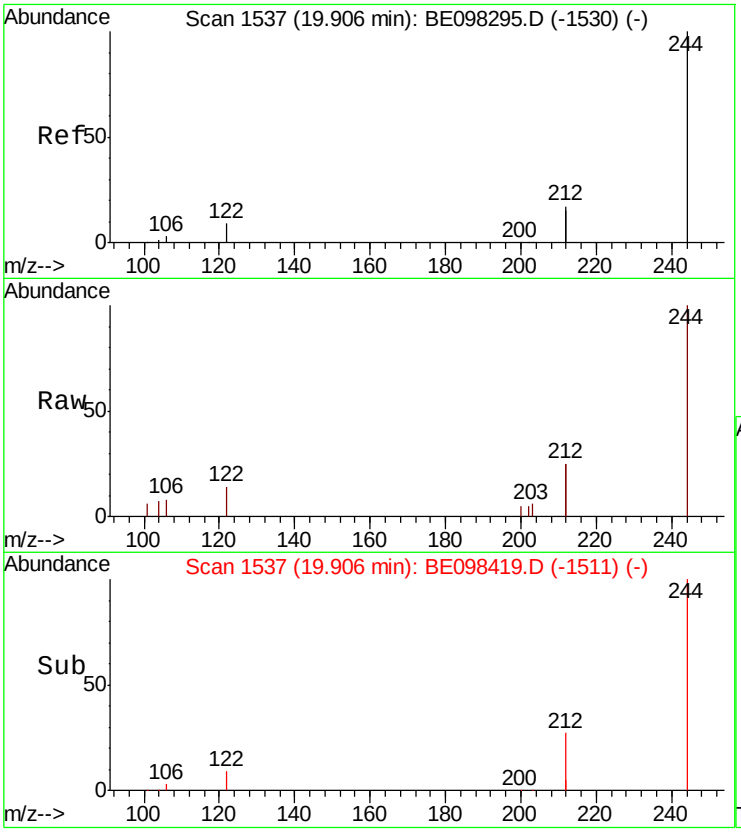


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Tgt Ion:240 Resp: 7959

Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	29.1	22.7	34.1



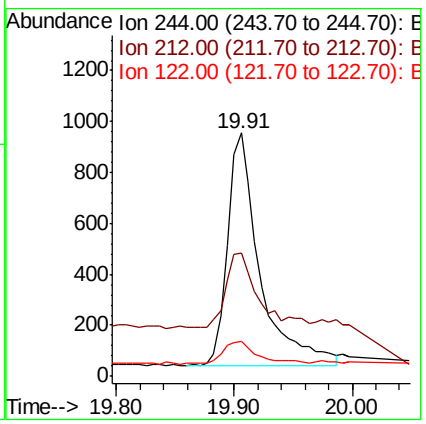


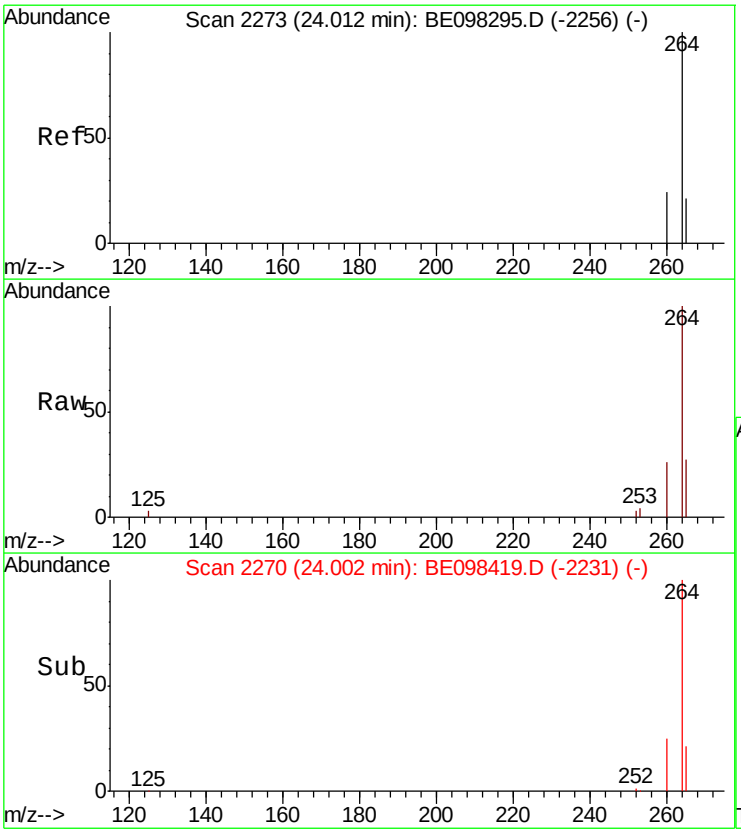
#29
Terphenyl-d14
Concen: 0.089 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Tgt Ion:244 Resp: 1714

Ion	Ratio	Lower	Upper
244	100		
212	50.6	27.4	41.0#
122	14.4	8.3	12.5#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Tgt Ion:264 Resp: 7794

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.2
265	27.1	25.2	37.8