Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\

Quantitation Report (Not Reviewed)

Data File : BE098495.D
Acq On : 16 Dec 2018 6:45
Operator : SJ/JU
Sample : J6398-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C-MW-05-121118

Quant Time: Dec 17 02:03:30 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	697	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	2971	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	1915	0.40	ng		-0.01
19) Phenanthrene-d10	17.27	188	5071	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	6093	0.40	ng		0.00
34) Perylene-d12	24.00	264	5839	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	343	0.21	ng		0.00
5) Phenol-d6	7.04	99	290	0.13	ng		0.00
8) Nitrobenzene-d5	9.03	82	1050	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	12.25	152	2107	0.44	ng		-0.01
14) 2,4,6-Tribromophenol	16.02	330	355	0.50	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	3805	0.47	ng		0.00
25) Fluoranthene-d10	19.30	212	32372	0.50	ng		0.00
29) Terphenyl-d14	19.89	244	7389	0.50	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.69	42	111	0.102	ng	#	100
22) Pentachlorophenol	16.91	266	36	0.096	ng		98
23) Phenanthrene	17.31	178	280	0.023	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.35	149	2606	0.074	ng		99

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

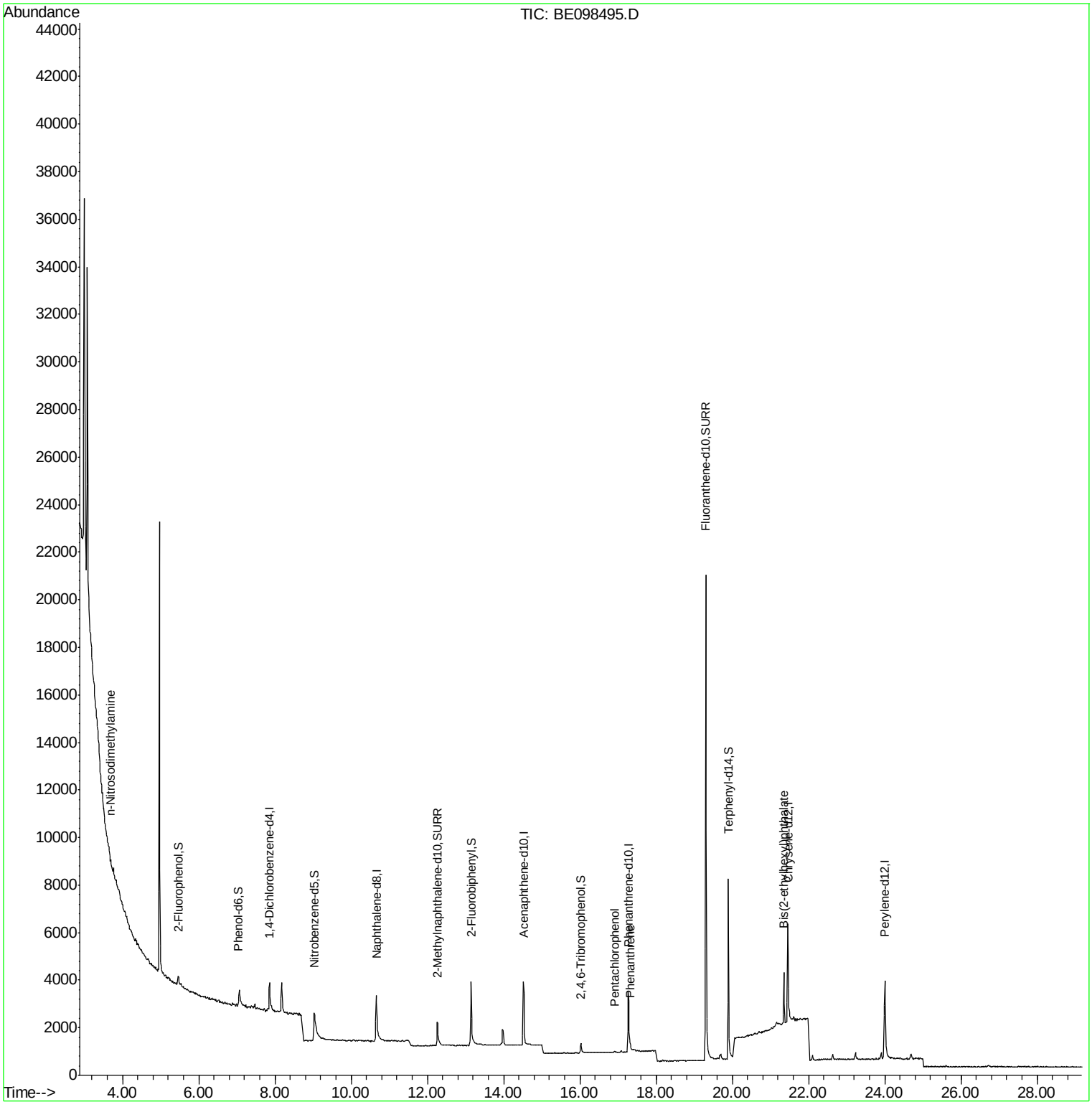
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\

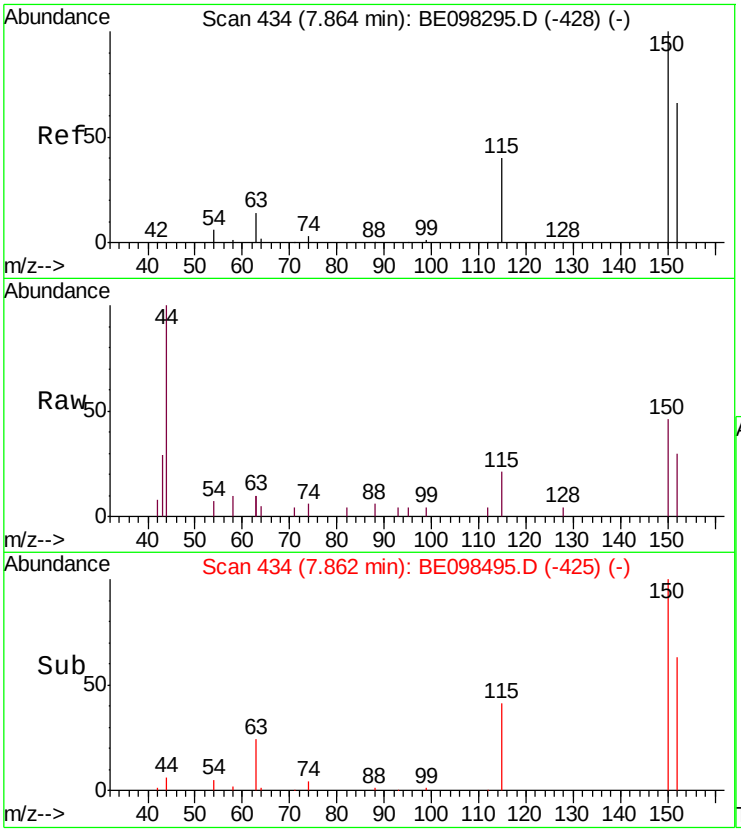
Quantitation Report (Not Reviewed)

Data File : BE098495.D
Acq On : 16 Dec 2018 6:45
Operator : SJ/JU
Sample : J6398-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C-MW-05-121118

Quant Time: Dec 17 02:03:30 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



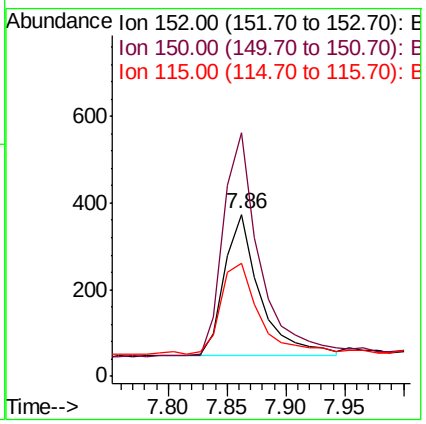


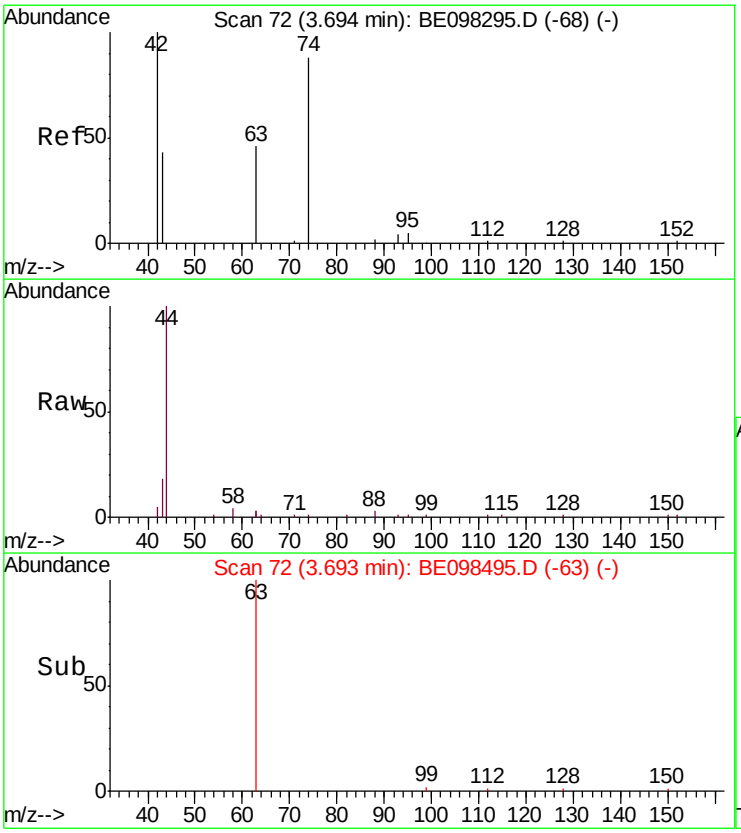
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Tgt Ion:152 Resp: 697

Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.2	186.4
115	69.5	53.9	80.9

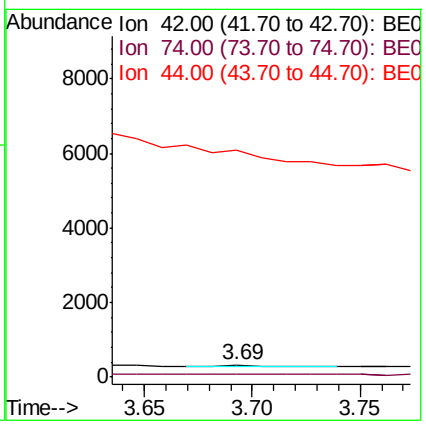


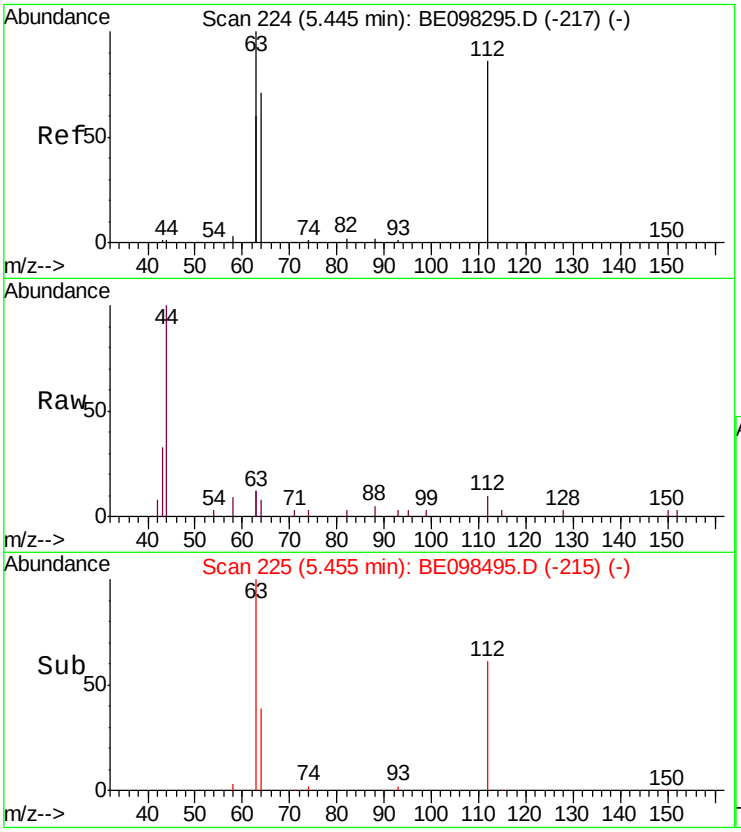


#3
n-Nitrosodimethylamine
Concen: 0.102 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Tgt Ion: 42 Resp: 111

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



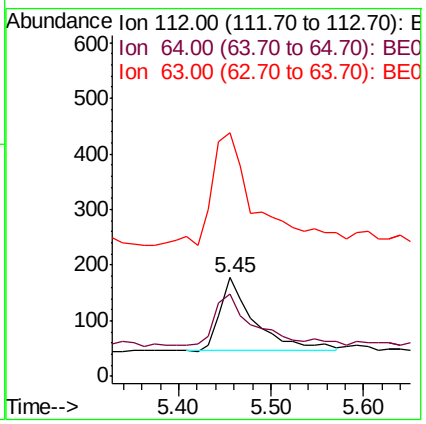


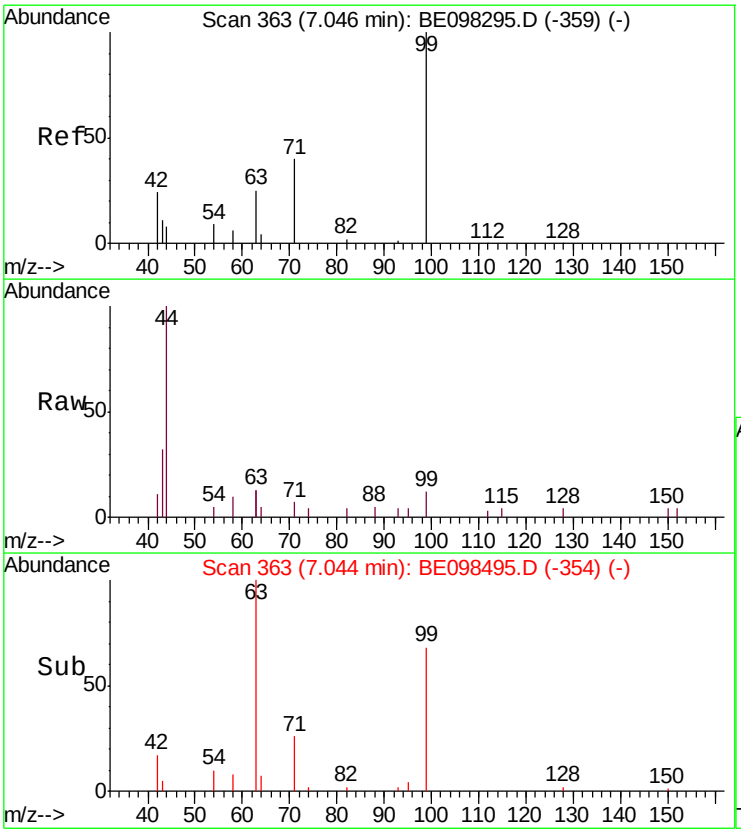
#4
2-Fluorophenol
Concen: 0.210 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Tgt Ion:112 Resp: 343

Ion	Ratio	Lower	Upper
112	100		
64	79.3	59.8	89.8
63	197.1	133.7	200.5

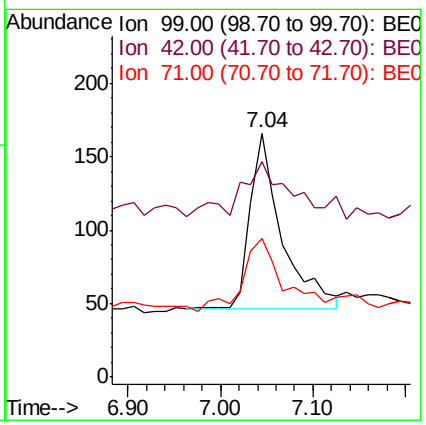


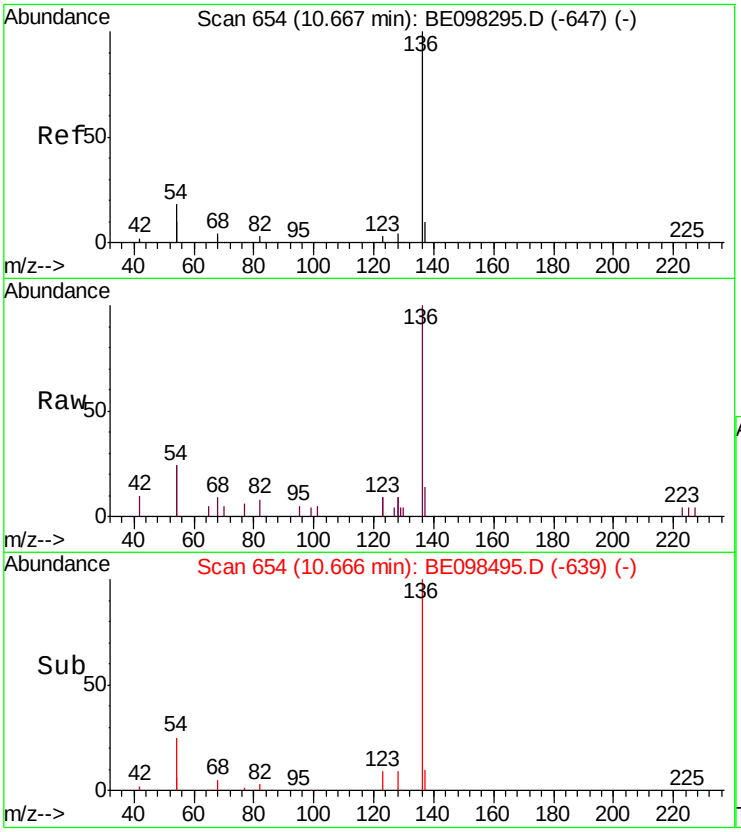


#5
Phenol-d6
Concen: 0.126 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Tgt Ion: 99 Resp: 290

Ion	Ratio	Lower	Upper
99	100		
42	56.9	26.3	39.5#
71	52.1	33.6	50.4#



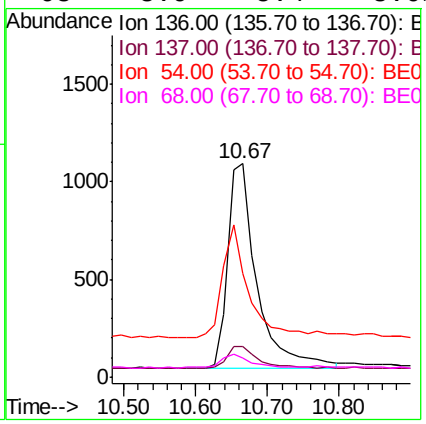


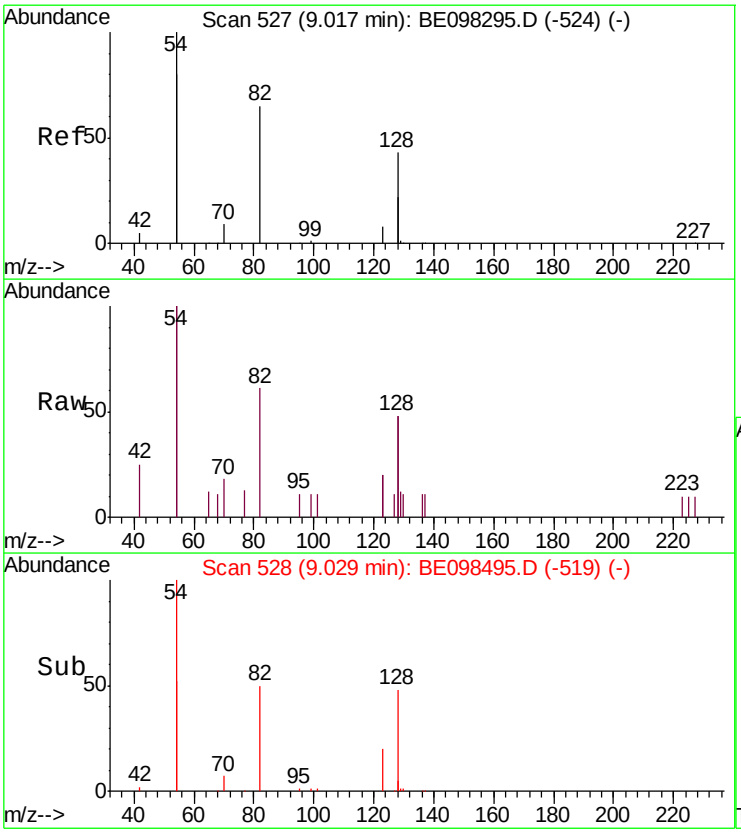
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Tgt Ion:136 Resp: 2971

Ion	Ratio	Lower	Upper
136	100		
137	14.3	9.2	13.8#
54	48.3	28.4	42.6#
68	8.9	5.4	8.0#

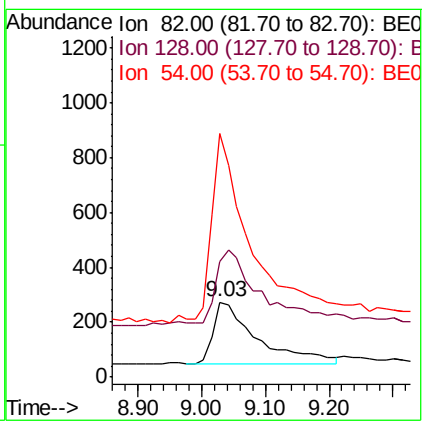


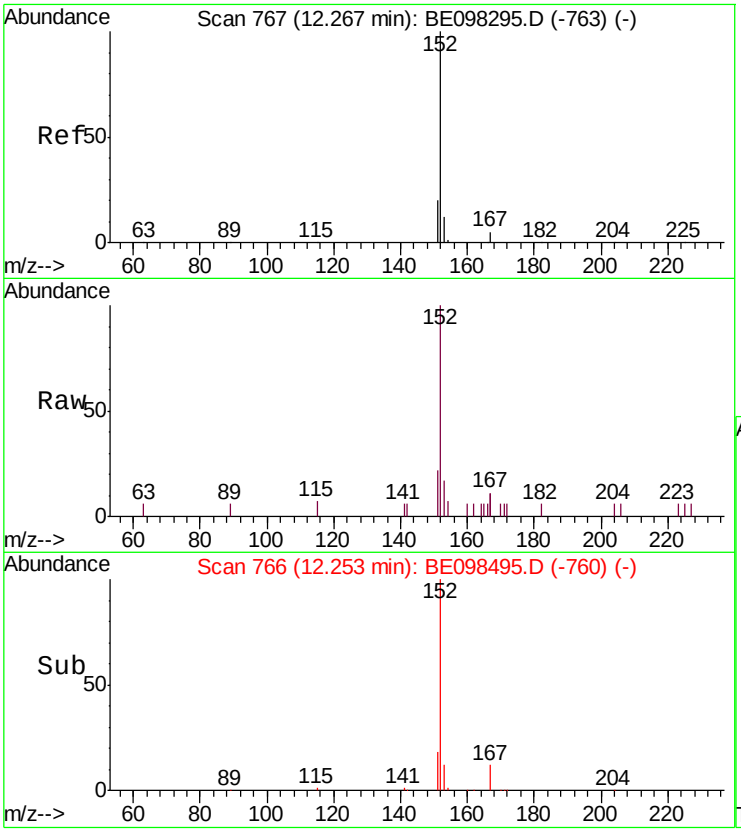


#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Tgt Ion: 82 Resp: 1050

Ion	Ratio	Lower	Upper
82	100		
128	155.1	102.4	153.6#
54	326.5	221.8	332.8



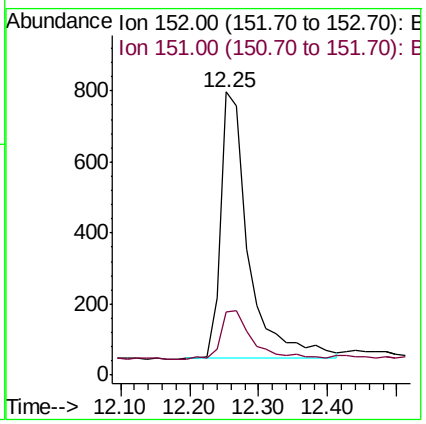


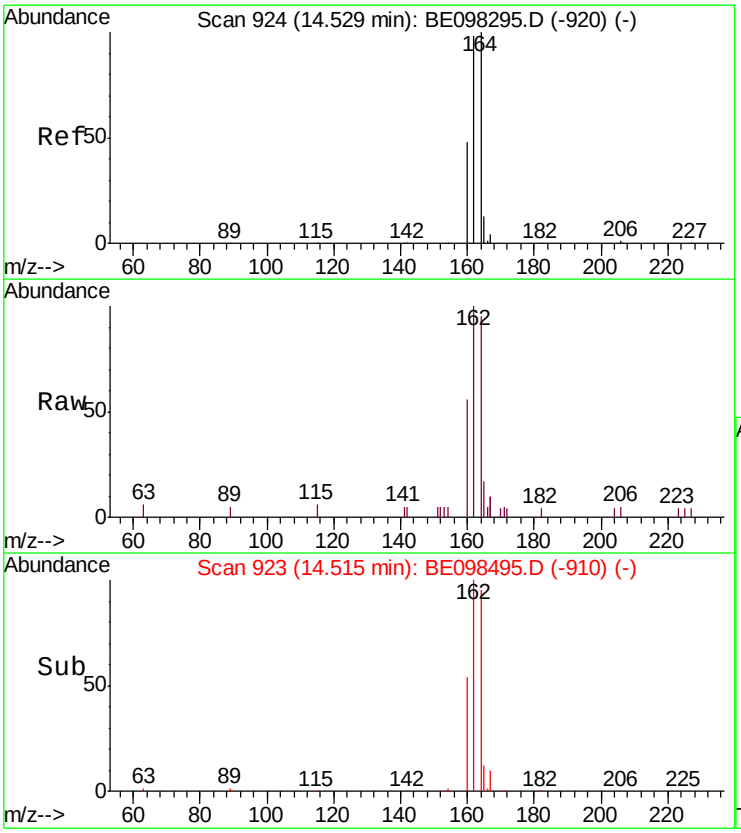
#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Tgt Ion:152 Resp: 2107

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4

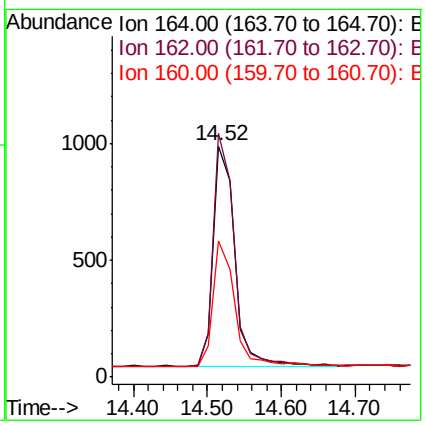


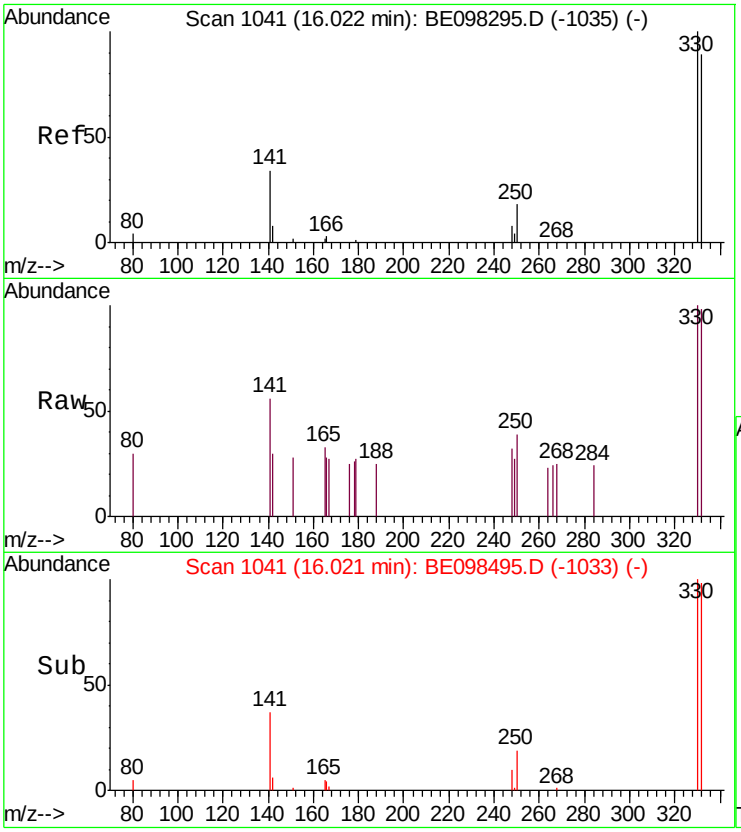


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Tgt Ion:164 Resp: 1915

Ion	Ratio	Lower	Upper
164	100		
162	105.3	77.6	116.4
160	58.9	36.0	54.0#



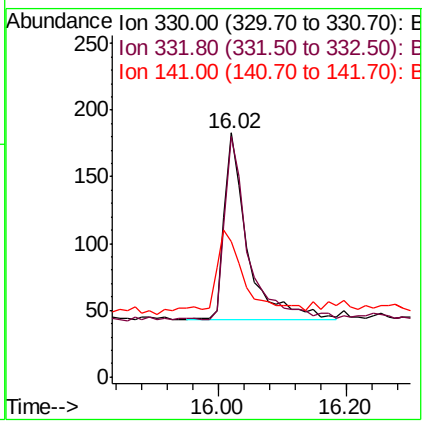


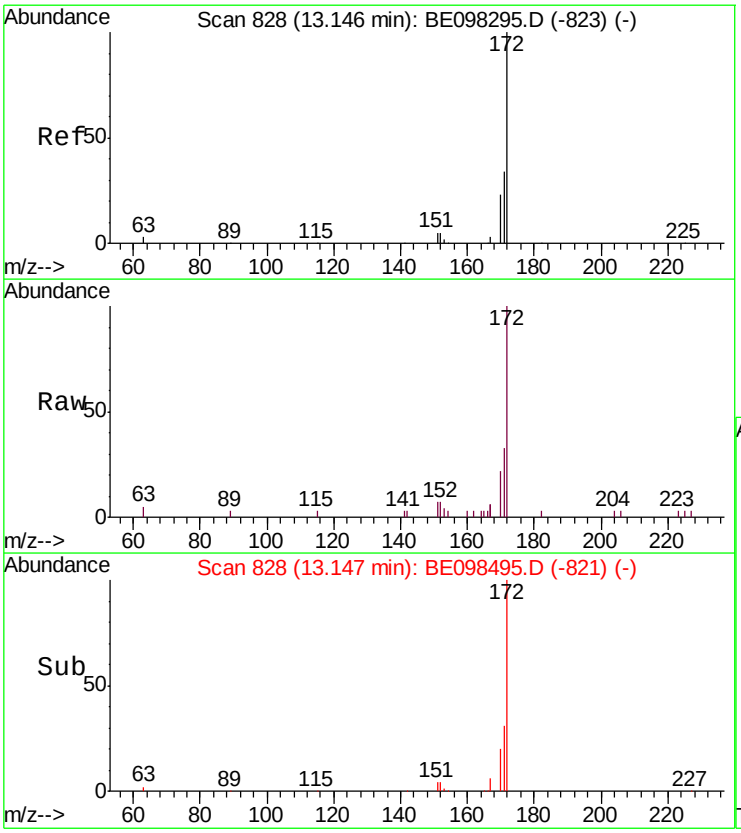
#14
2,4,6-Tribromophenol
Concen: 0.505 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Tgt Ion:330 Resp: 355

Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.2	114.4
141	46.2	39.0	58.4

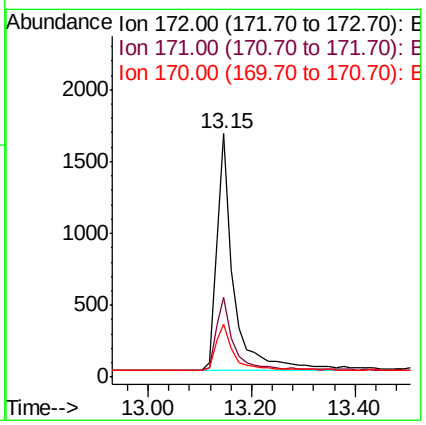


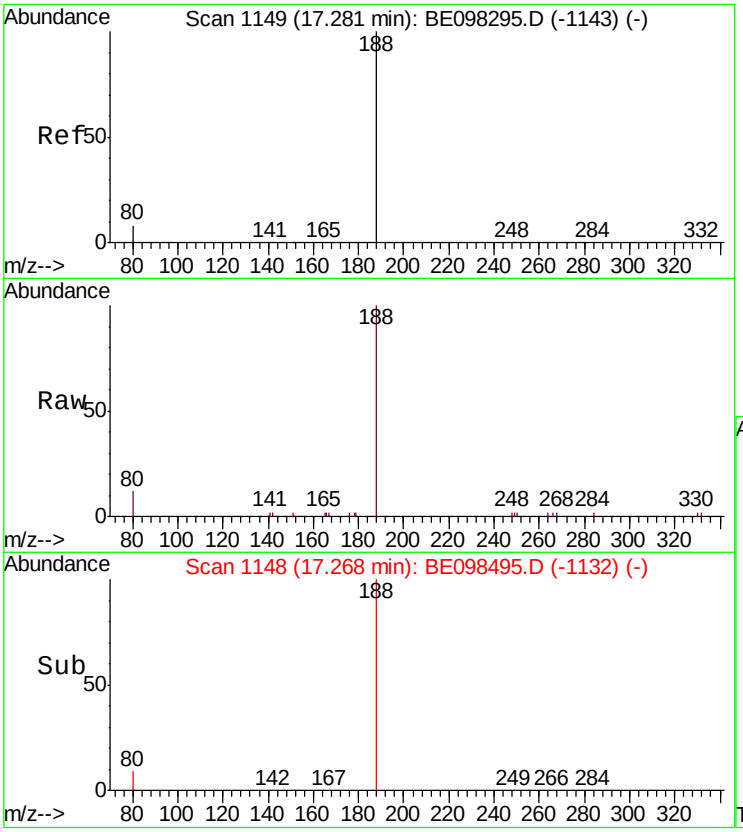


#15
2-Fluorobiphenyl
Concen: 0.471 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Tgt Ion:172 Resp: 3805

Ion	Ratio	Lower	Upper
172	100		
171	32.5	27.5	41.3
170	22.0	19.6	29.4



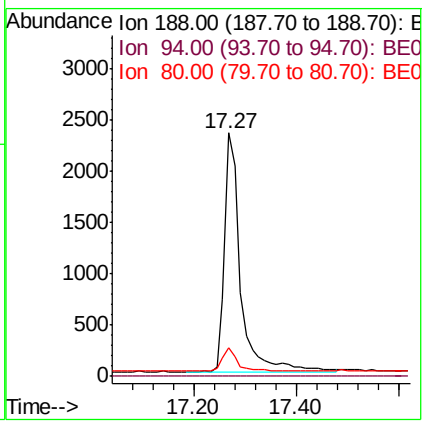


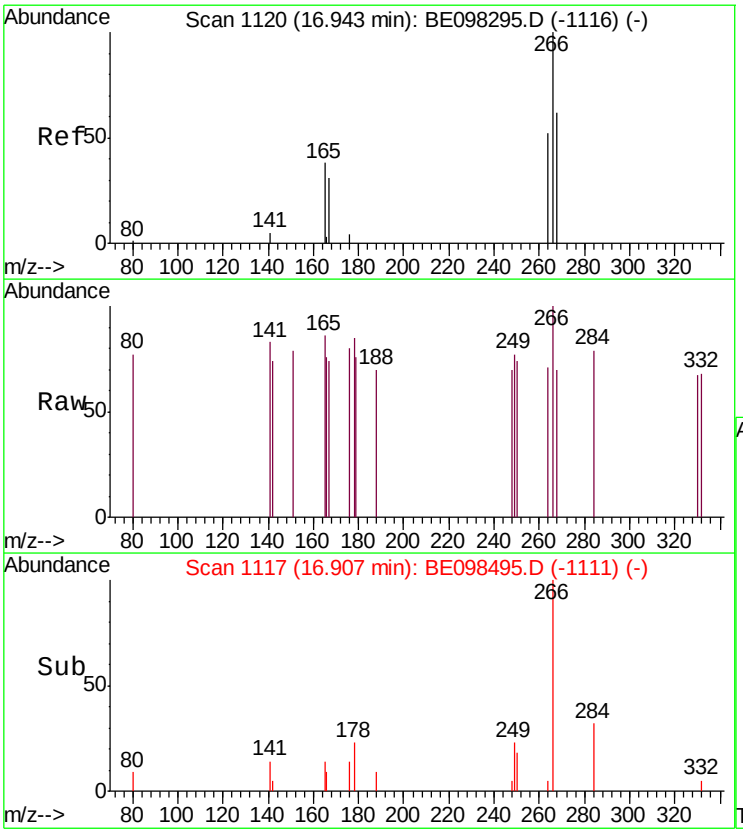
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Tgt Ion:188 Resp: 5071

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	7.2	10.8#

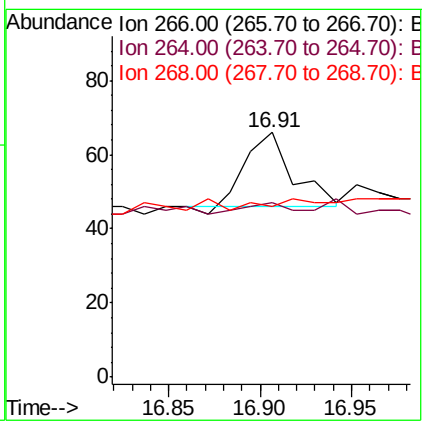


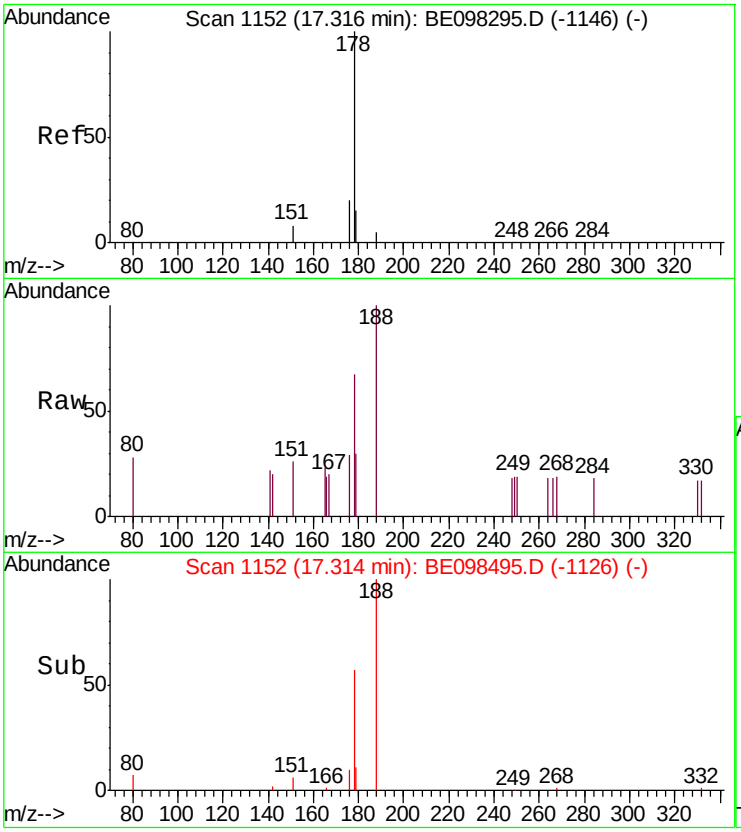


#22
Pentachlorophenol
Concen: 0.096 ng
RT: 16.91 min Scan# 1117
Delta R.T. -0.04 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Tgt Ion:266 Resp: 36

Ion	Ratio	Lower	Upper
266	100		
264	71.2	59.0	88.4
268	69.7	55.1	82.7



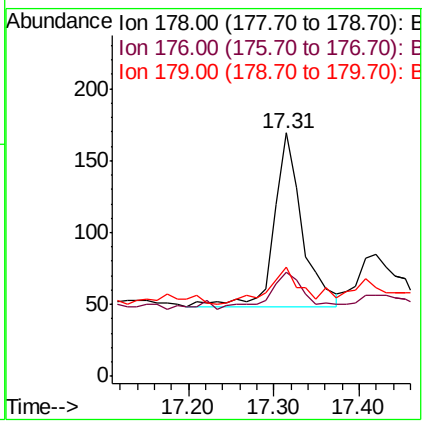


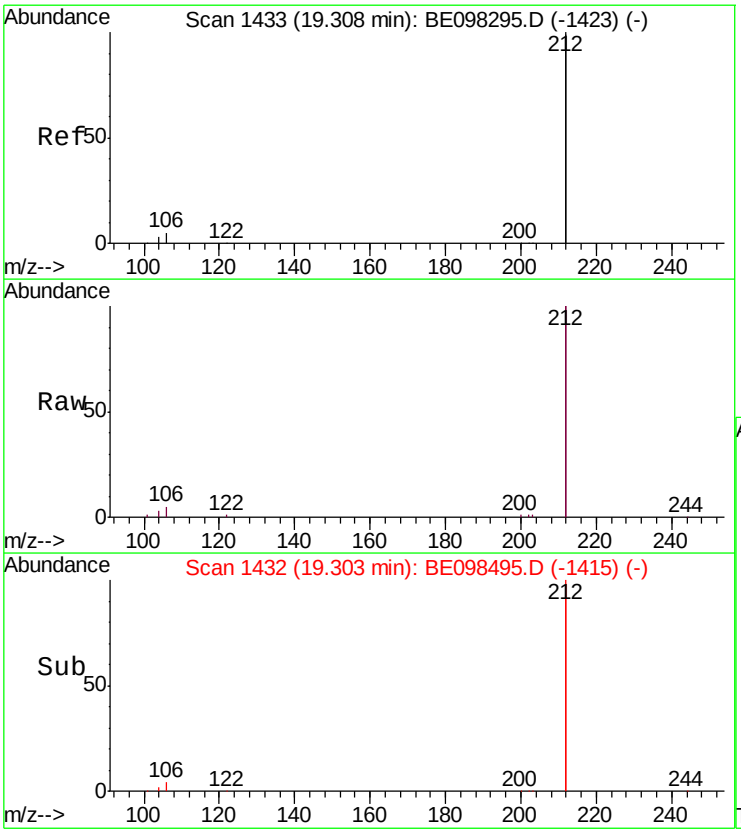
#23
Phenanthrene
Concen: 0.023 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Tgt Ion:178 Resp: 280

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	23.6	12.3	18.5#

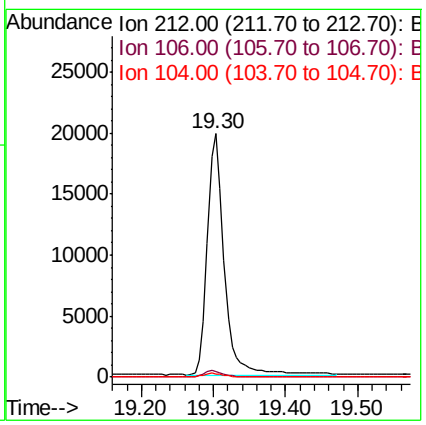


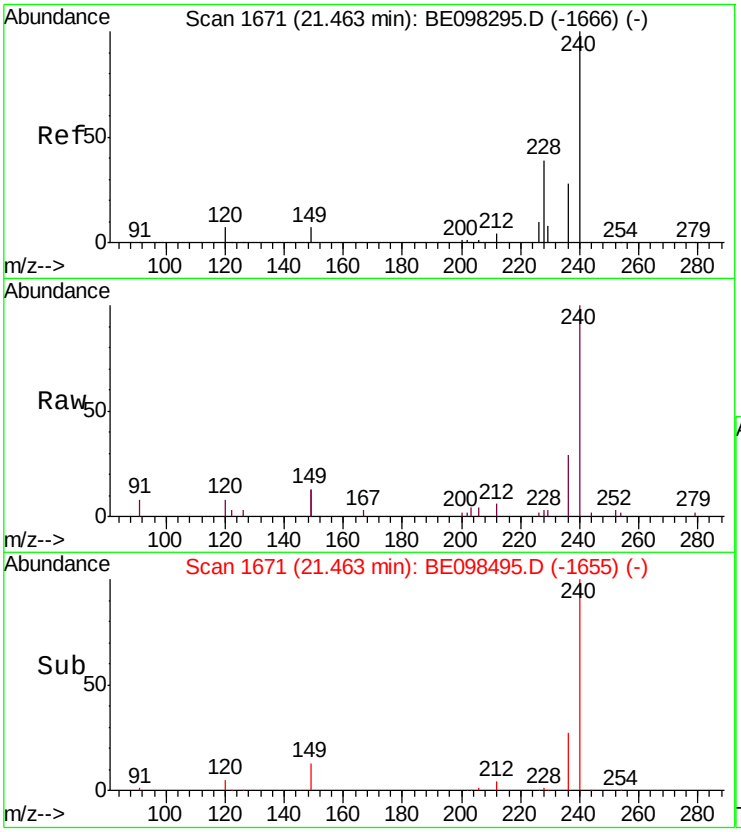


#25
Fluoranthene-d10
Concen: 0.498 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Tgt Ion:212 Resp: 32372

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.3	1.3	1.9



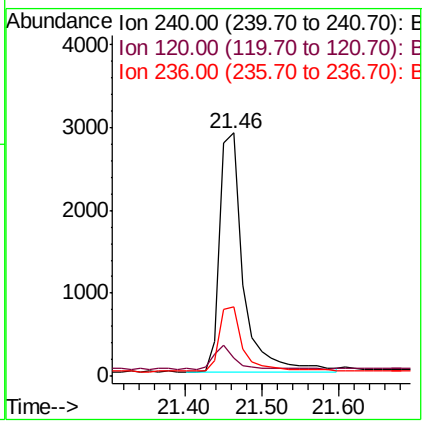


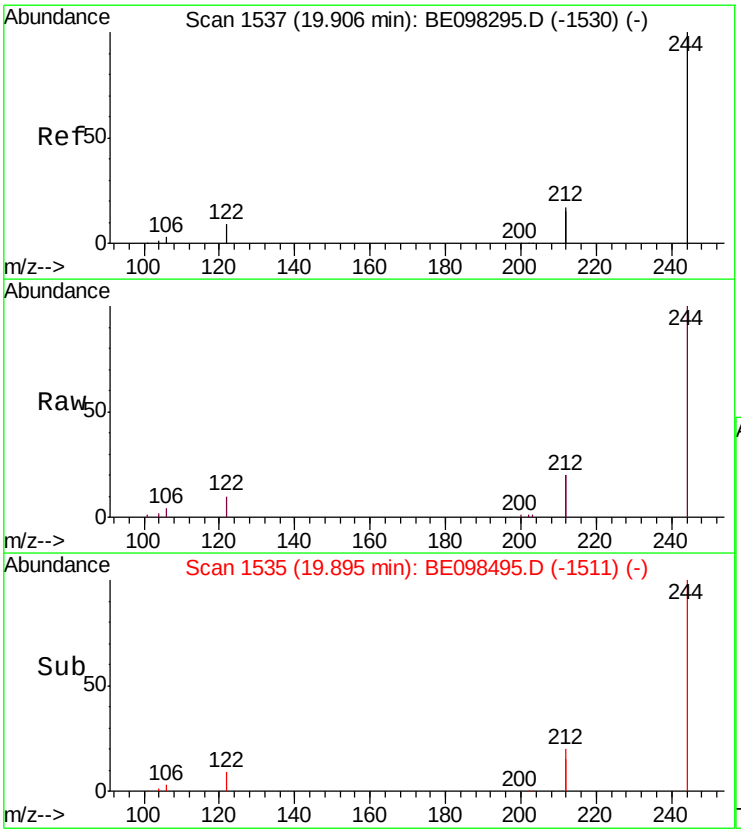
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Tgt Ion:240 Resp: 6093

Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	28.8	22.7	34.1

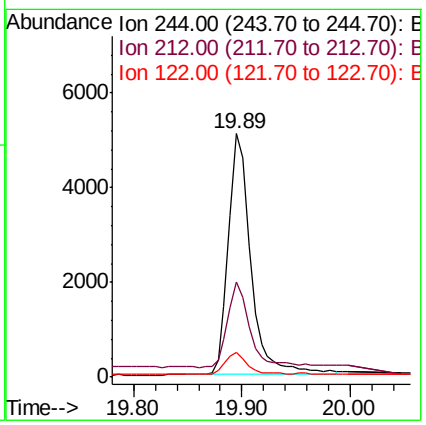


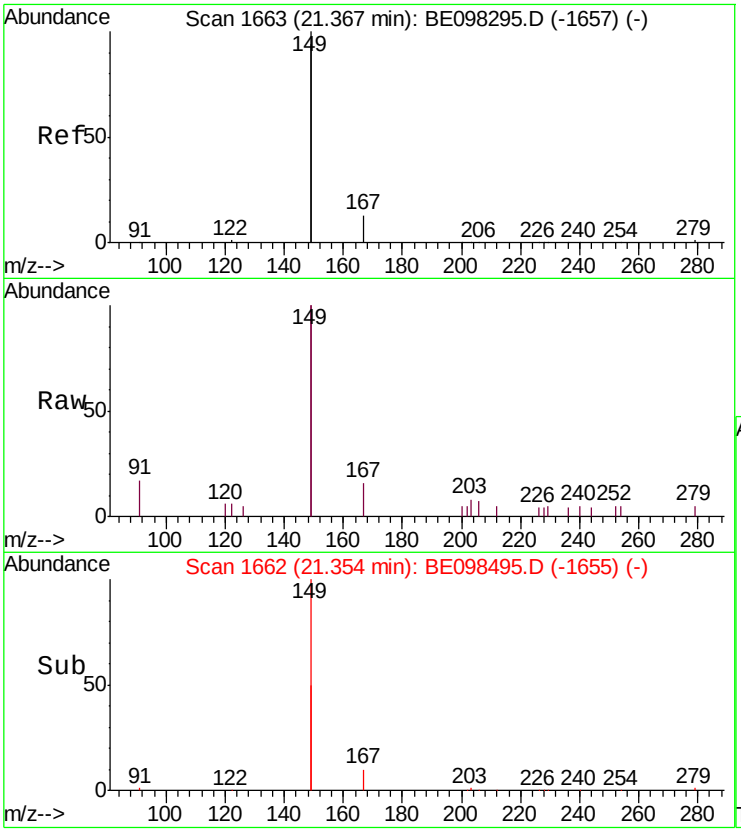


#29
Terphenyl-d14
Concen: 0.499 ng
RT: 19.89 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Tgt Ion:244 Resp: 7389

Ion	Ratio	Lower	Upper
244	100		
212	39.3	27.4	41.0
122	10.2	8.3	12.5



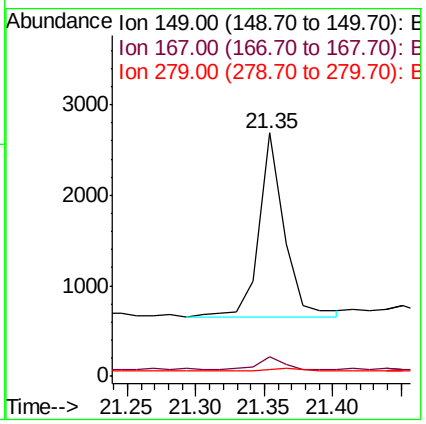


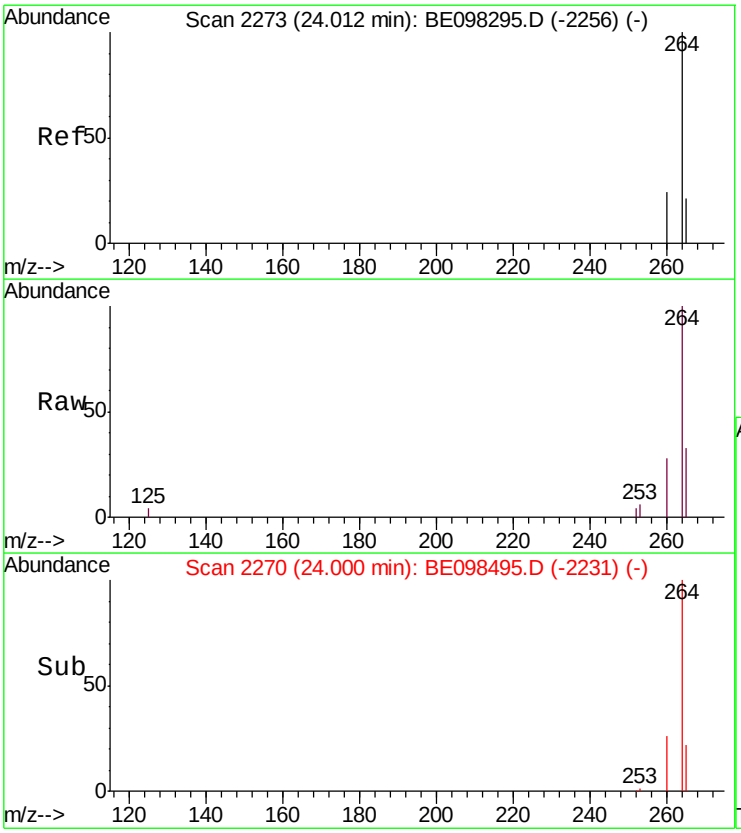
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Instrument :
BNA_E
ClientSampleId :
C-MW-05-121118

Tgt Ion:149 Resp: 2606

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.7	8.5
279	1.3	1.0	1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098495.D
Acq: 16 Dec 2018 6:45

Tgt Ion:264 Resp: 5839

Ion	Ratio	Lower	Upper
264	100		
260	27.6	20.2	30.2
265	32.9	25.2	37.8