Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110718\
Data File : BE098169.D
Acq On : 7 Nov 2018 12:12
Operator : SJ/JU
Sample : J5820-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CPS093081

Quant Time: Nov 07 16:40:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	875	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4259	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3614	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7271	0.40	ng	0.00
27) Chrysene-d12	21.46	240	7832	0.40	ng	0.00
34) Perylene-d12	24.01	264	7627	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	571	0.22	ng	0.00
5) Phenol-d6	7.04	99	509	0.12	ng	0.00
8) Nitrobenzene-d5	9.02	82	1999	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3165	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	827	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	6221	0.42	ng	-0.01
25) Fluoranthene-d10	19.31	212	38478	0.41	ng	0.00
29) Terphenyl-d14	19.91	244	11588	0.64	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.72	128	5251	0.123	ng	# 75
12) 2-Methylnaphthalene	12.34	142	866	0.114	ng	# 73
17) Acenaphthene	14.60	154	1315	0.133	ng	# 63
18) Fluorene	15.58	166	3283	0.250	ng	91
22) Pentachlorophenol	16.94	266	184432	134.759	ng	95

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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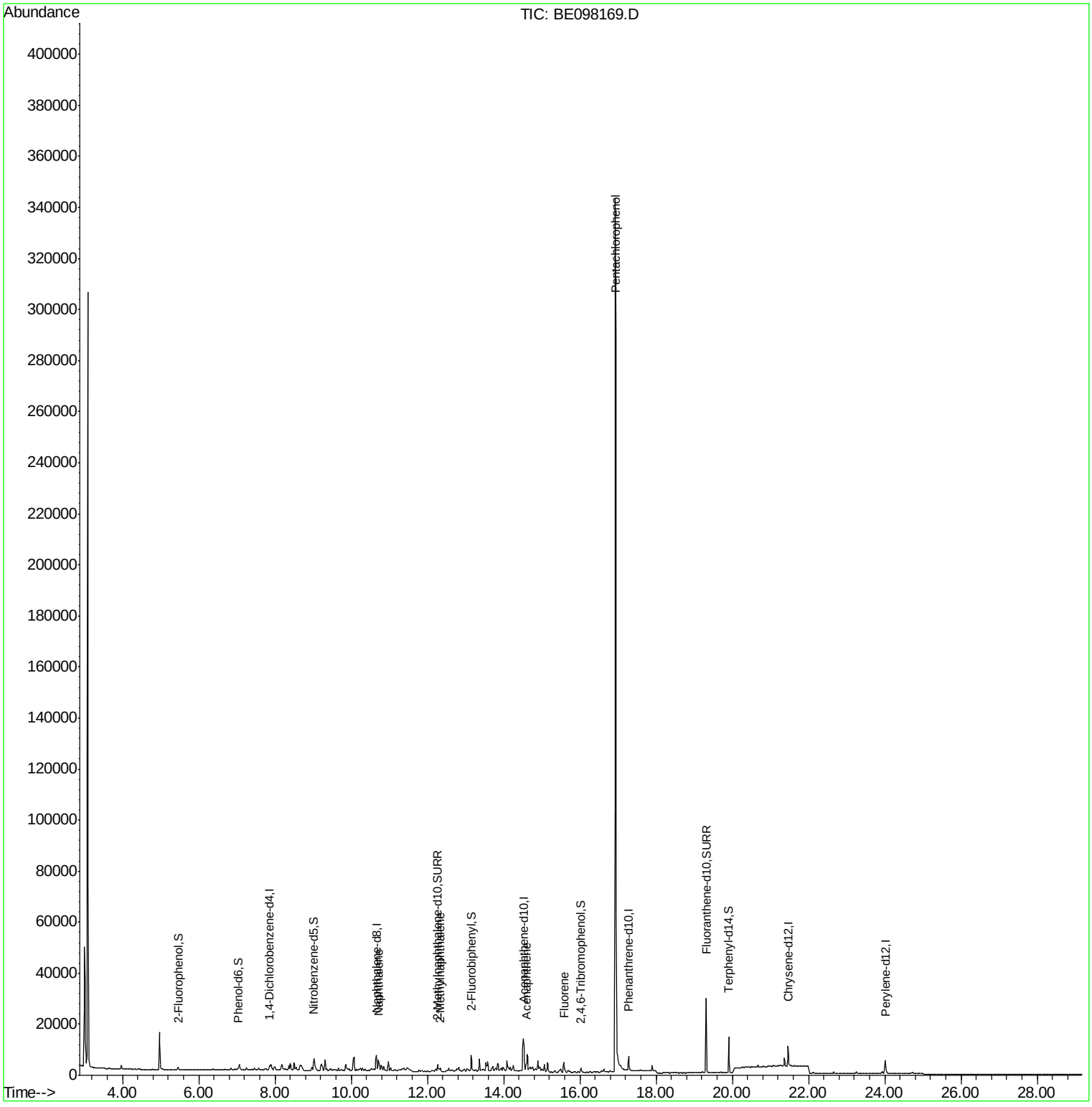
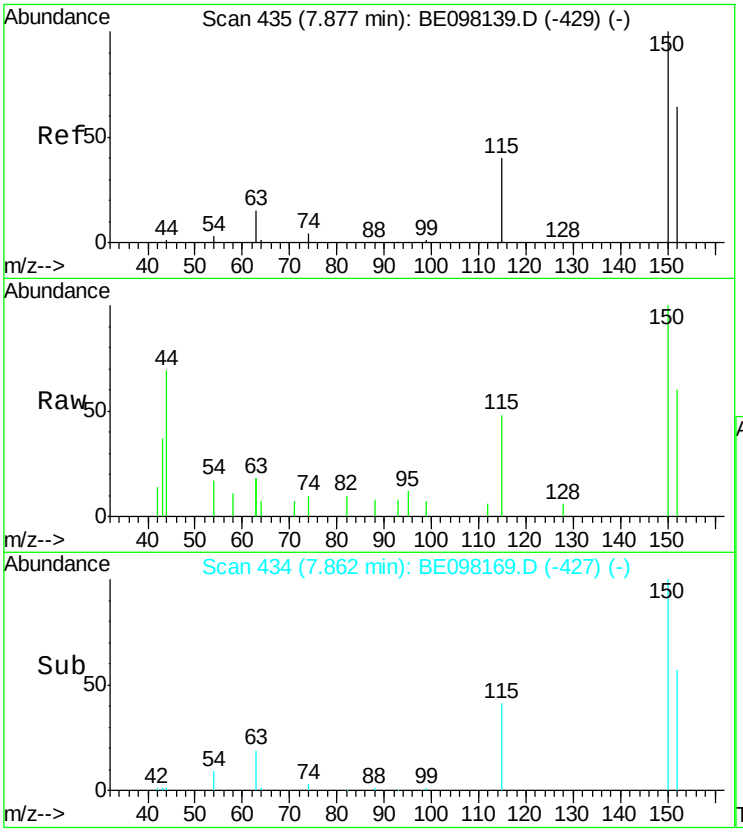


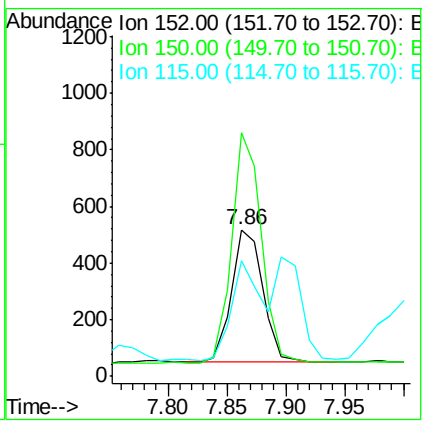


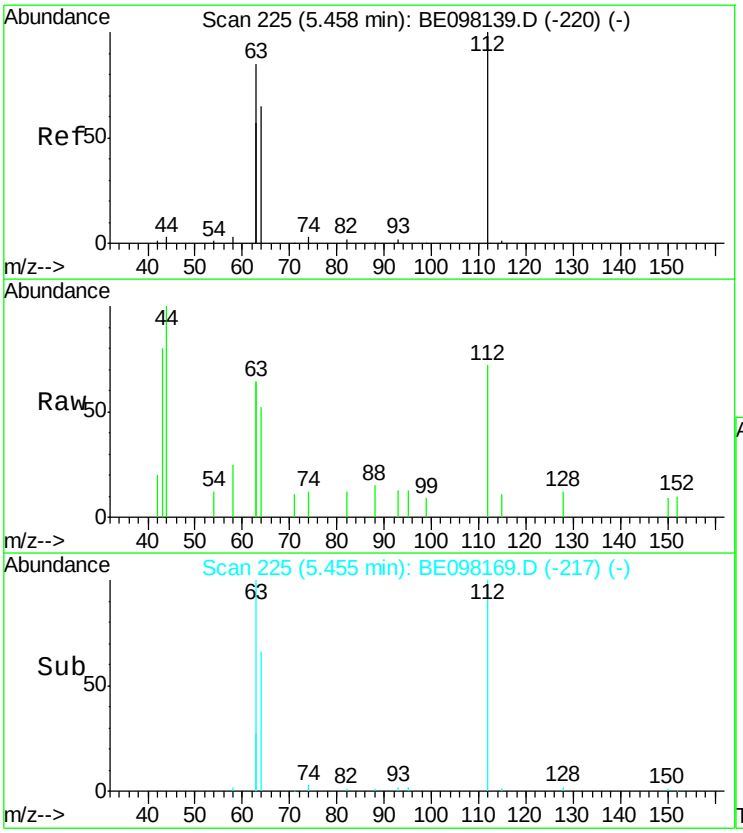
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :
CPS093081

Tgt Ion:152 Resp: 875

Ion	Ratio	Lower	Upper
152	100		
150	165.7	118.2	177.4
115	78.8	50.9	76.3#

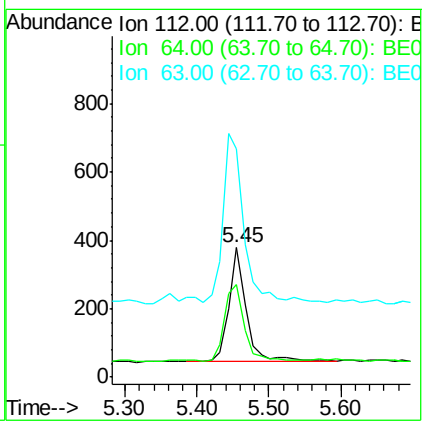


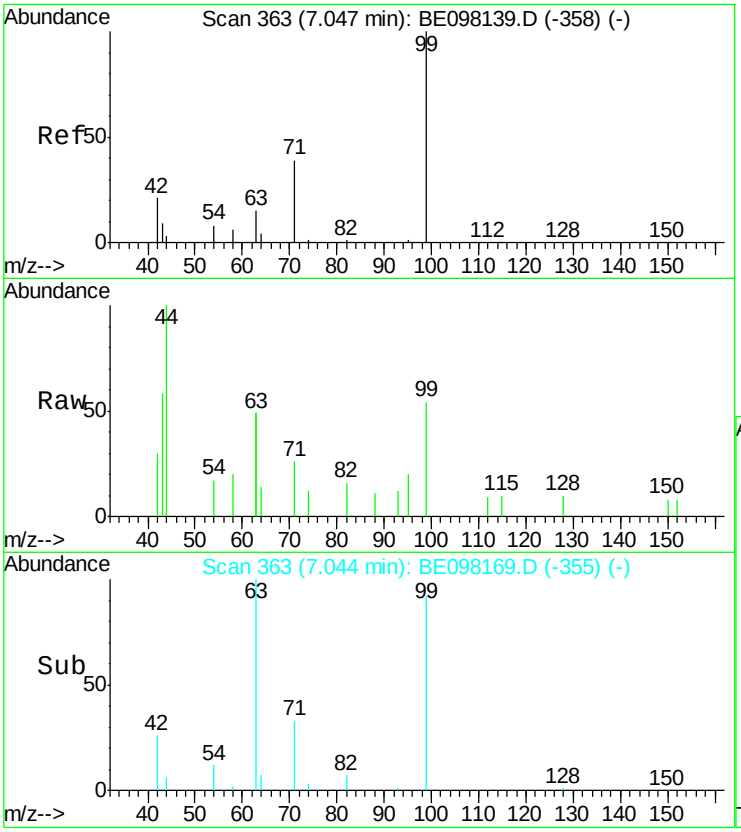


#4
2-Fluorophenol
Concen: 0.220 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:112 Resp: 571

Ion	Ratio	Lower	Upper
112	100		
64	76.2	58.9	88.3
63	168.7	120.3	180.5



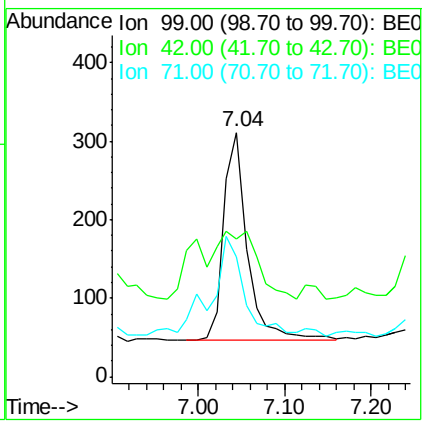


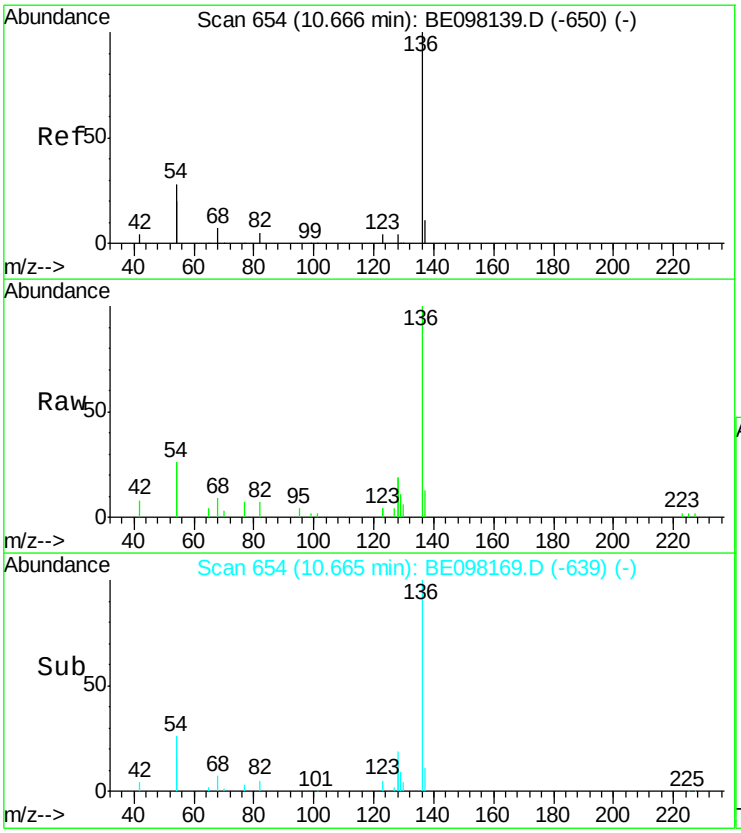
#5
Phenol-d6
Concen: 0.119 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :
CPS093081

Tgt Ion: 99 Resp: 509

Ion	Ratio	Lower	Upper
99	100		
42	56.6	19.9	29.9#
71	57.0	27.8	41.8#

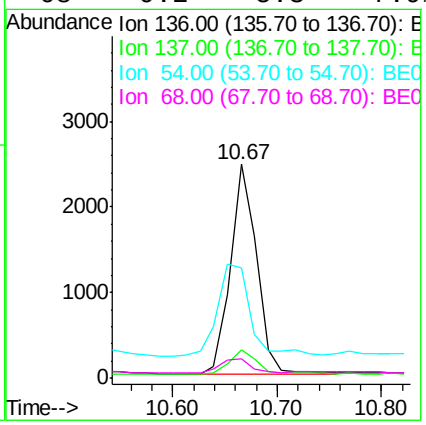


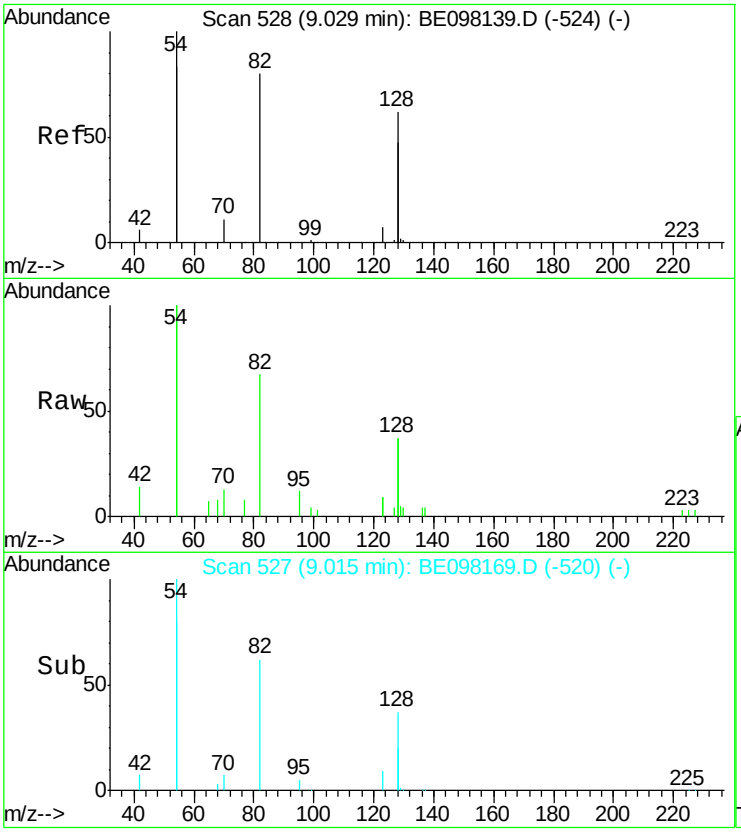


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:136 Resp: 4259

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.6	14.4
54	51.5	27.7	41.5#
68	9.2	5.3	7.9#



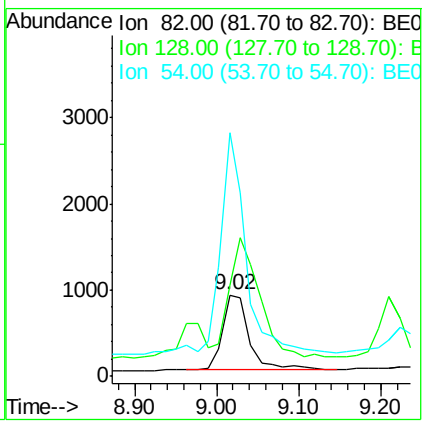


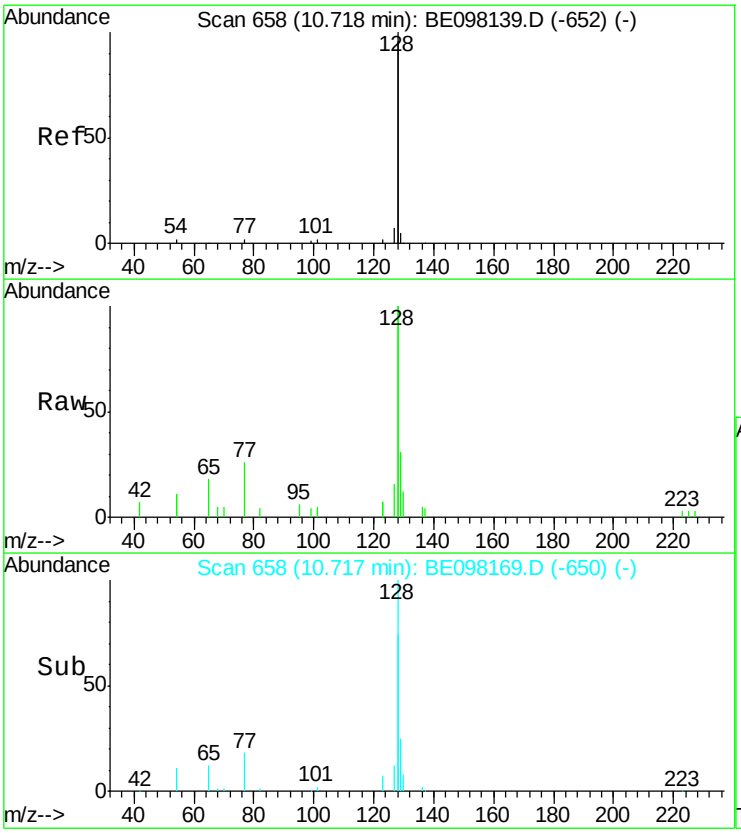
#8
Nitrobenzene-d5
Concen: 0.438 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.01 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :
CPS093081

Tgt Ion: 82 Resp: 1999

Ion	Ratio	Lower	Upper
82	100		
128	111.9	129.9	194.9#
54	299.8	174.0	261.0#

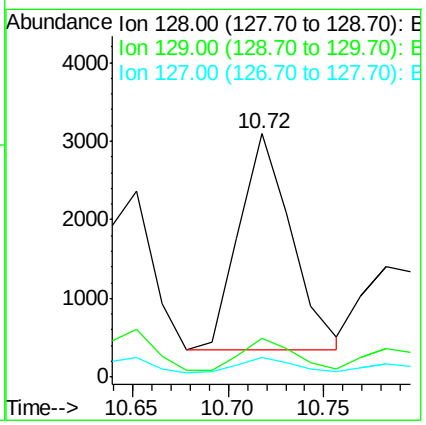


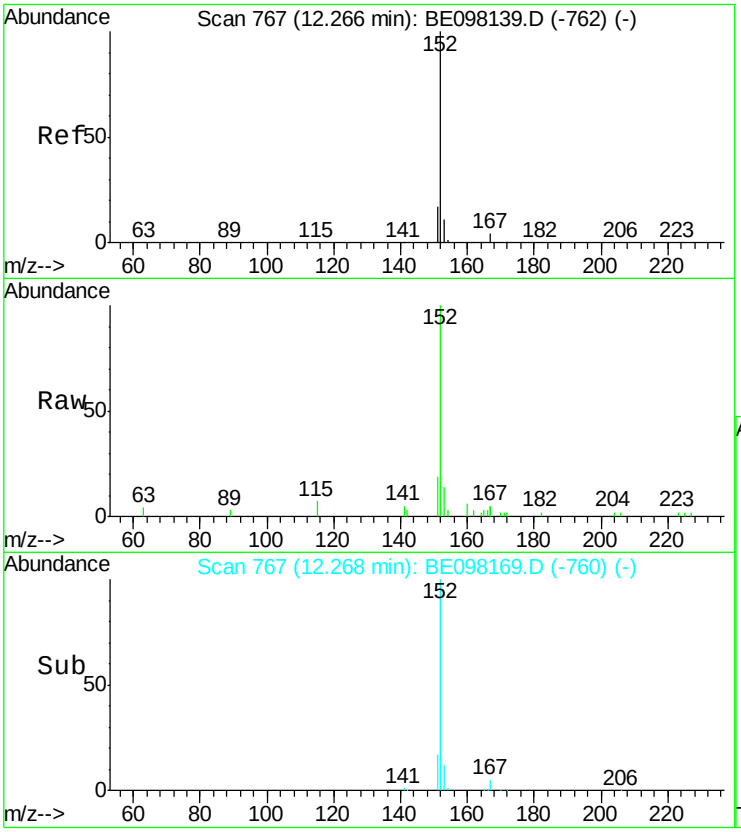


#9
Naphthalene
Concen: 0.123 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:128 Resp: 5251

Ion	Ratio	Lower	Upper
128	100		
129	15.7	2.5	3.7#
127	7.9	2.8	4.2#



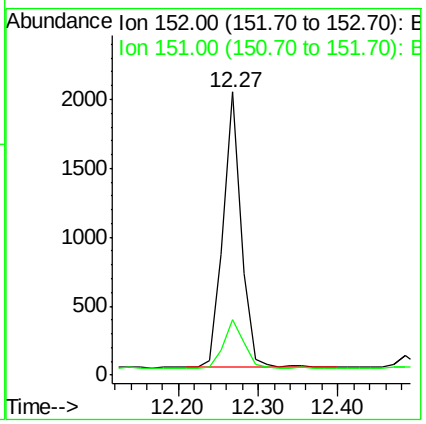


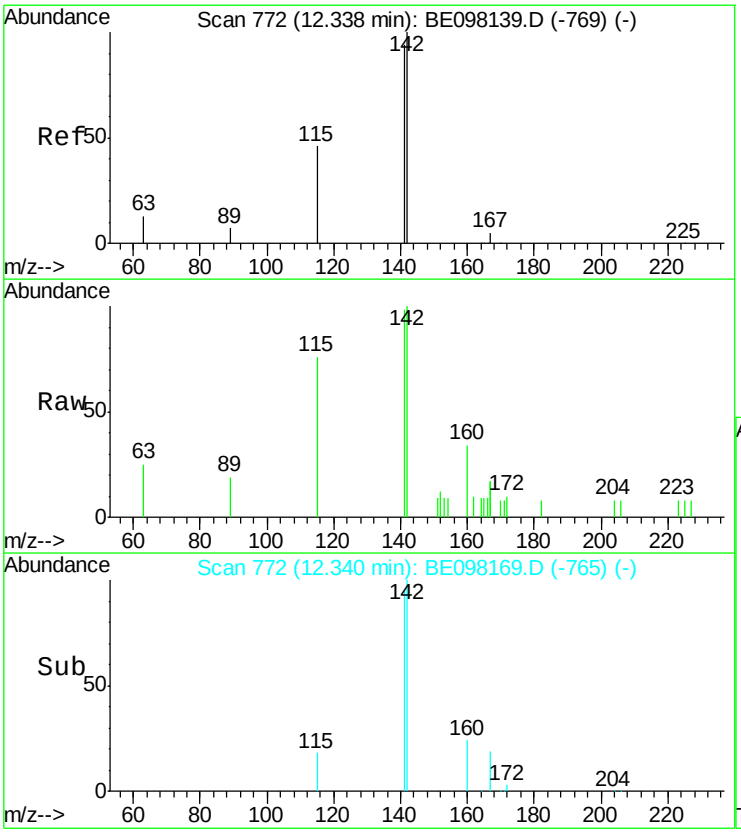
#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :
CPS093081

Tgt Ion:152 Resp: 3165

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4

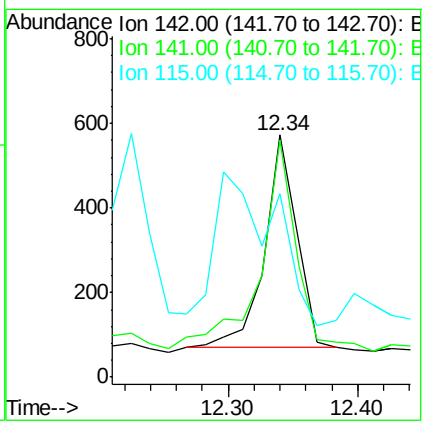


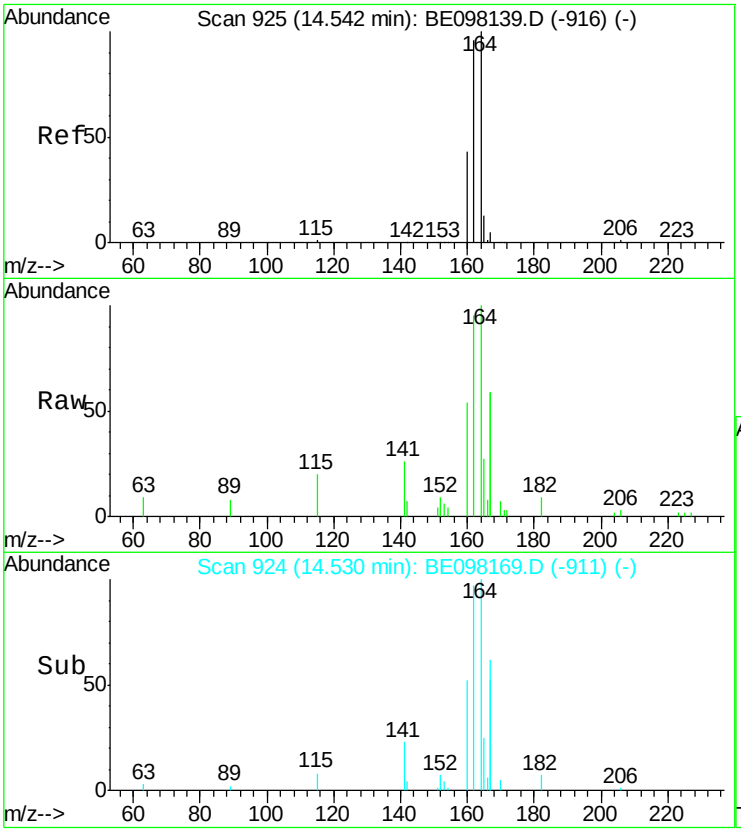


#12
2-Methylnaphthalene
Concen: 0.114 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:142 Resp: 866

Ion	Ratio	Lower	Upper
142	100		
141	97.9	69.8	104.6
115	75.7	30.5	45.7#



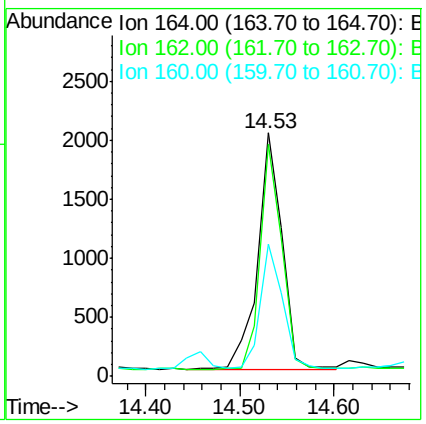


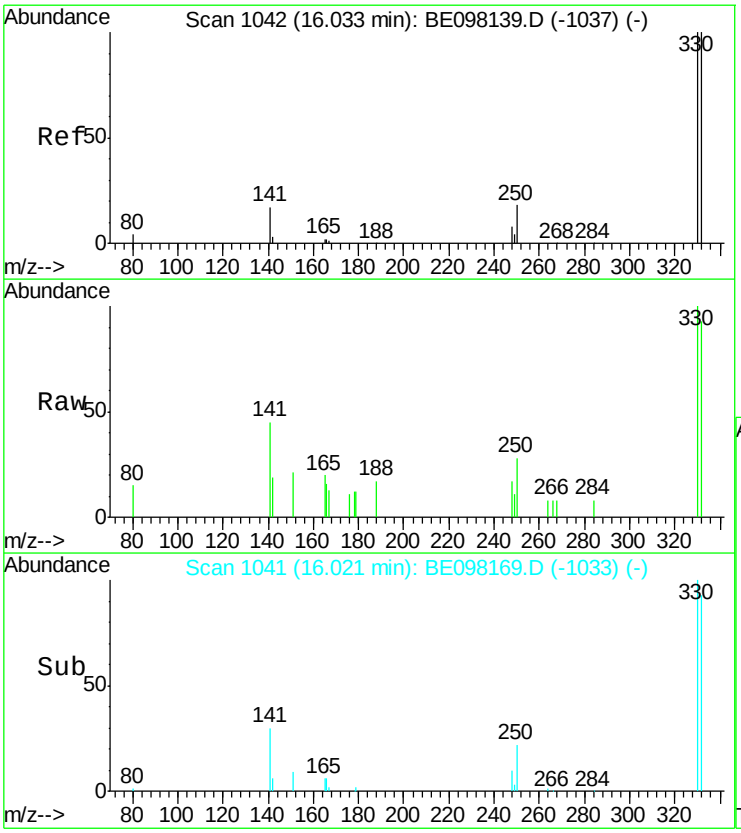
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :
CPS093081

Tgt Ion:164 Resp: 3614

Ion	Ratio	Lower	Upper
164	100		
162	95.2	77.4	116.2
160	54.1	36.5	54.7

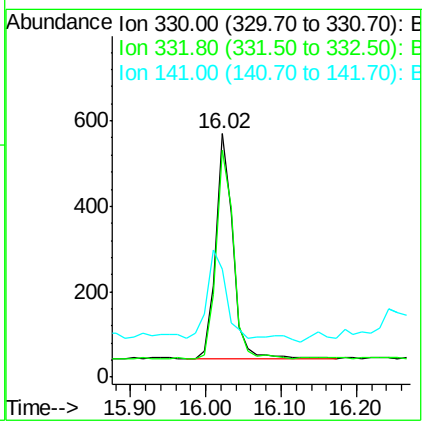


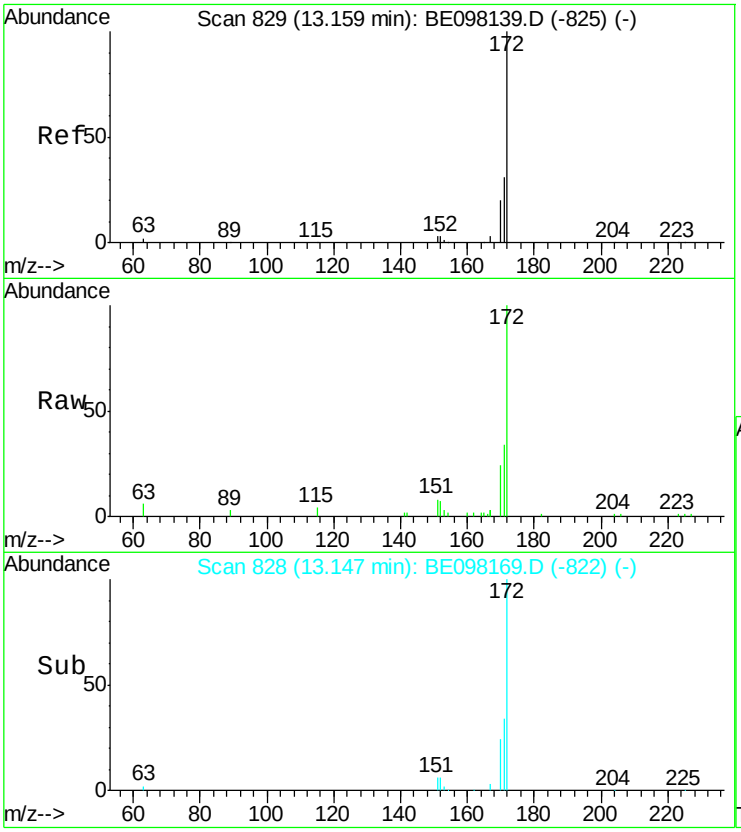


#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:330 Resp: 827

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.5	114.7
141	41.7	31.8	47.6



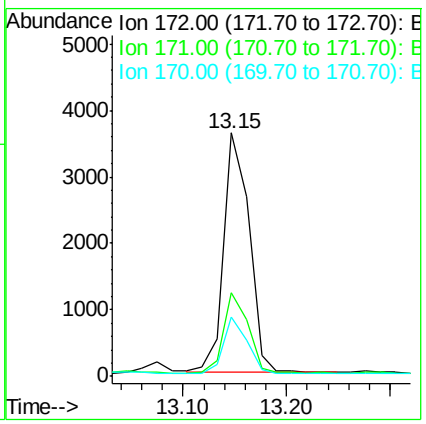


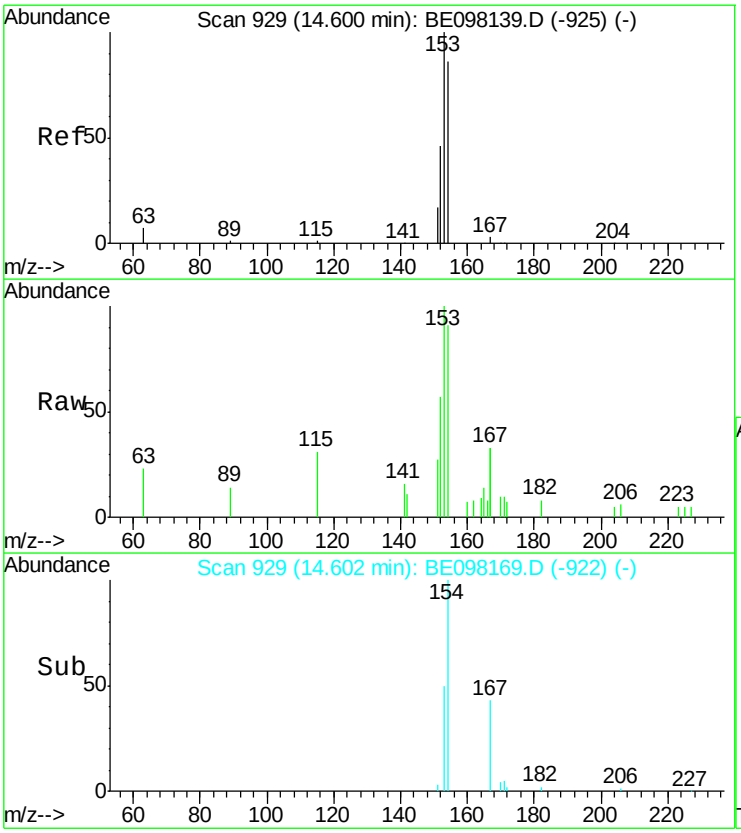
#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :
CPS093081

Tgt Ion:172 Resp: 6221

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.0	39.0
170	24.2	18.0	27.0

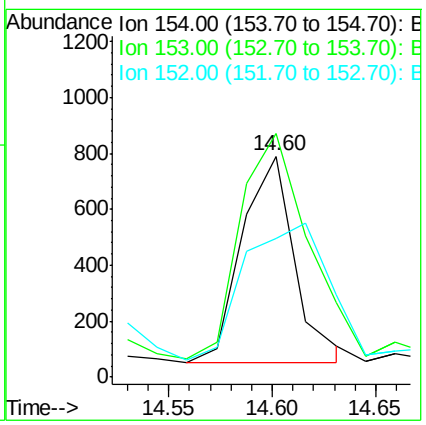


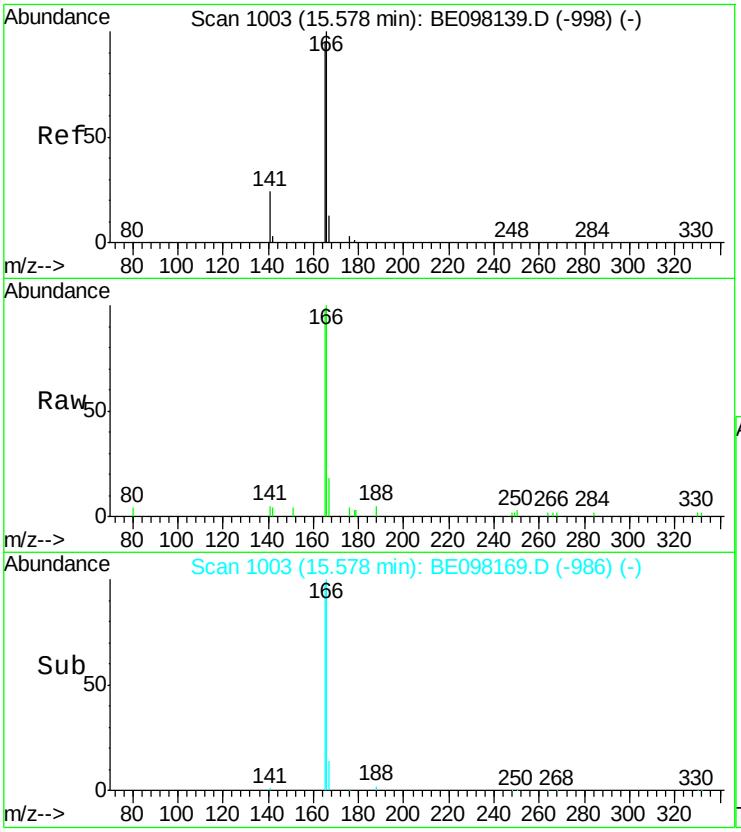


#17
Acenaphthene
Concen: 0.133 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:154 Resp: 1315

Ion	Ratio	Lower	Upper
154	100		
153	140.7	92.6	139.0#
152	104.3	45.5	68.3#



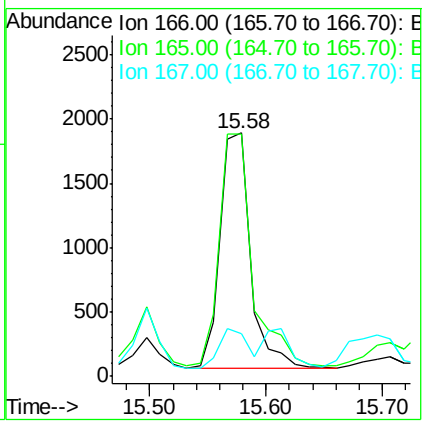


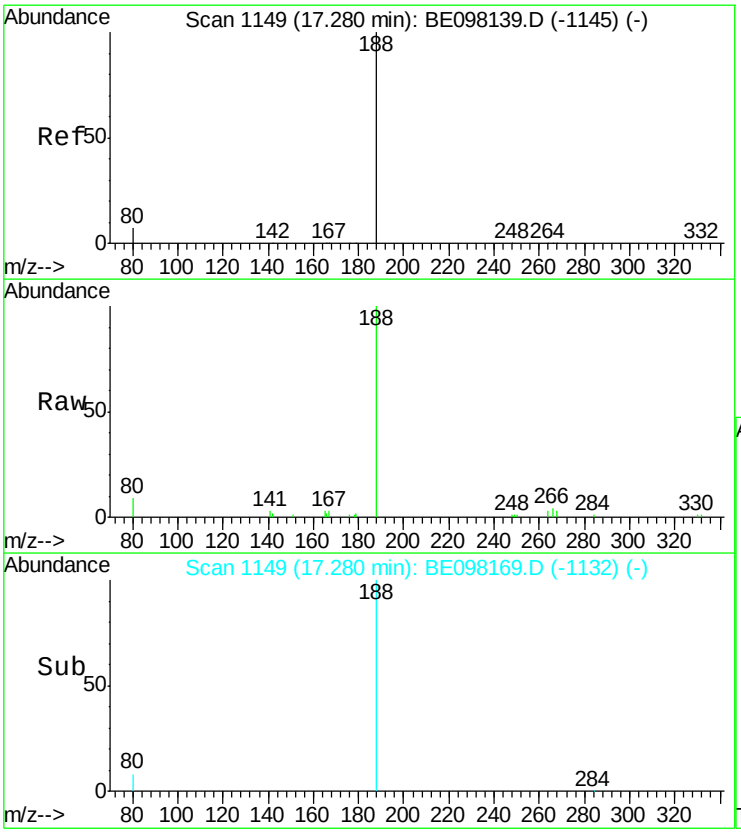
#18
Fluorene
Concen: 0.250 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :
CPS093081

Tgt Ion:166 Resp: 3283

Ion	Ratio	Lower	Upper
166	100		
165	107.6	78.2	117.4
167	15.9	11.0	16.6

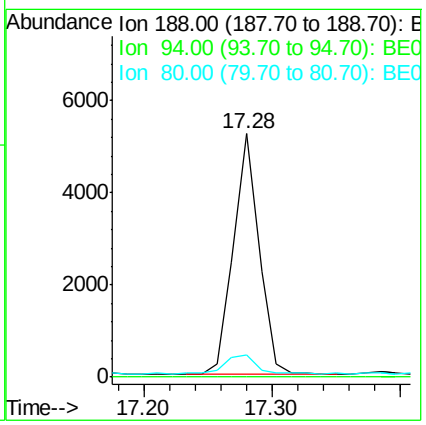


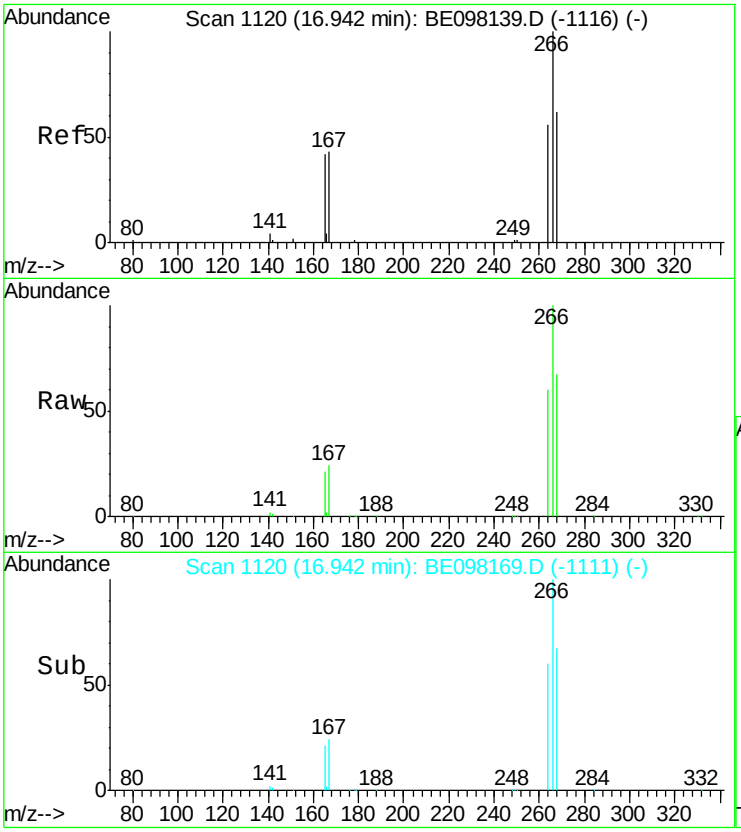


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:188 Resp: 7271

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.3	9.5



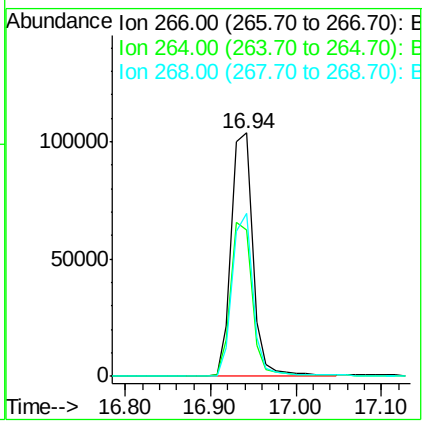


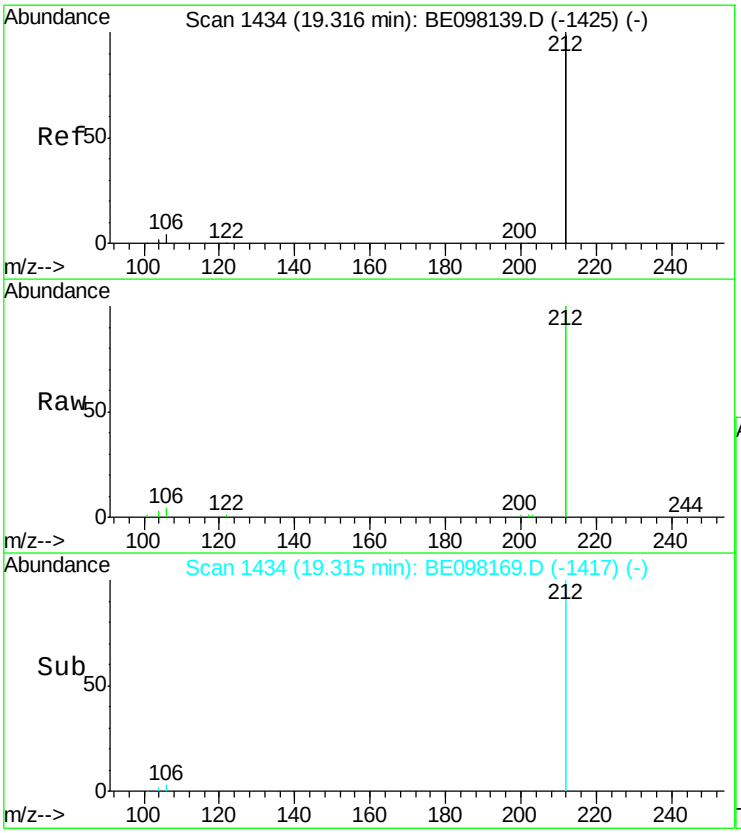
#22
Pentachlorophenol
Concen: 134.759 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :
CPS093081

Tgt Ion:266 Resp: 184432

Ion	Ratio	Lower	Upper
266	100		
264	60.1	51.3	76.9
268	66.7	50.1	75.1

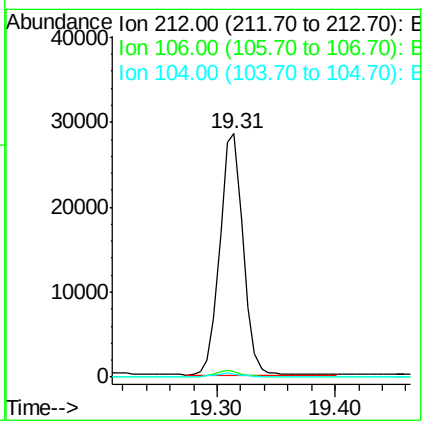


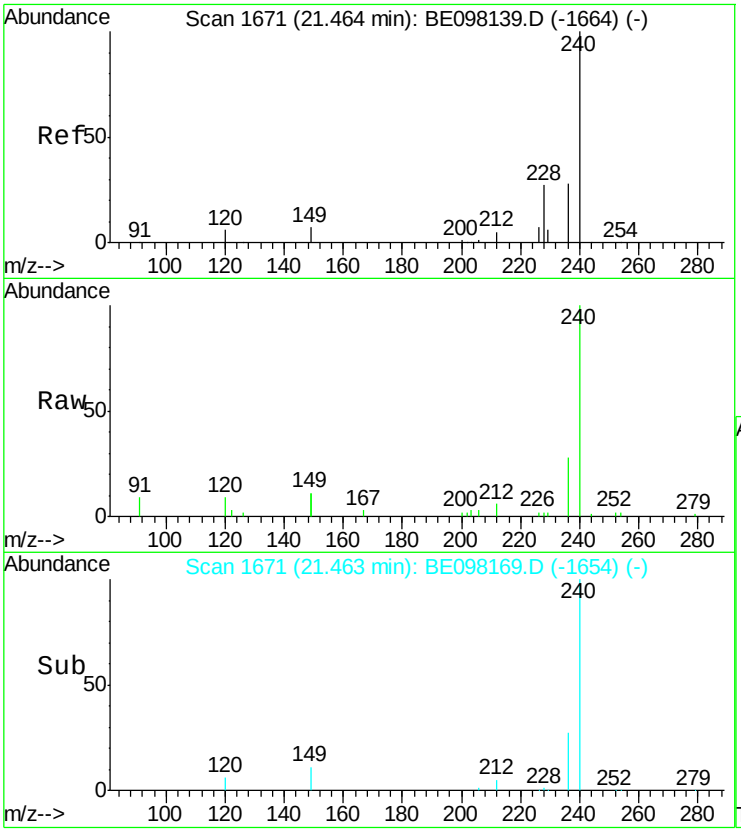


#25
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:212 Resp: 38478

Ion	Ratio	Lower	Upper
212	100		
106	2.2	2.3	3.5#
104	1.3	1.3	1.9



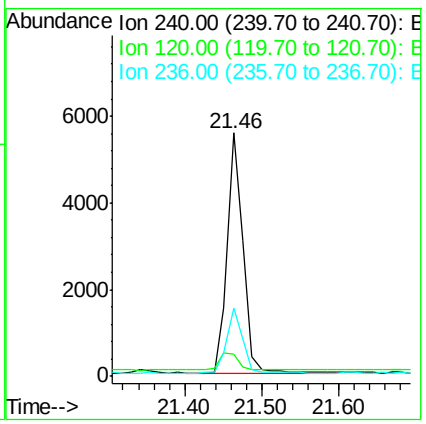


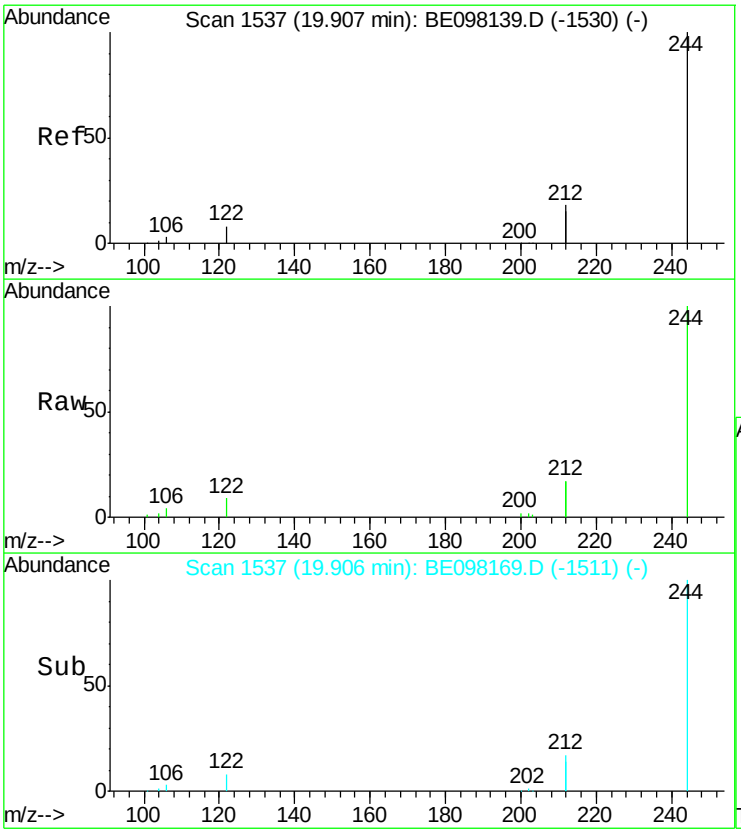
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :
CPS093081

Tgt Ion:240 Resp: 7832

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.1	10.7
236	28.3	21.3	31.9

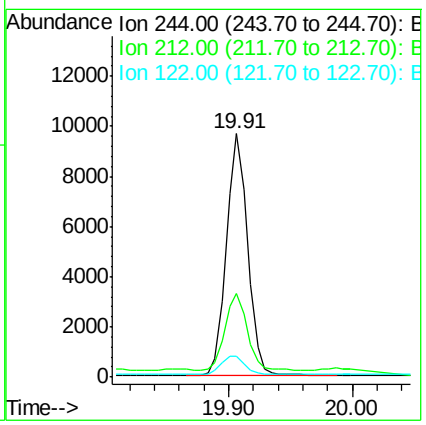


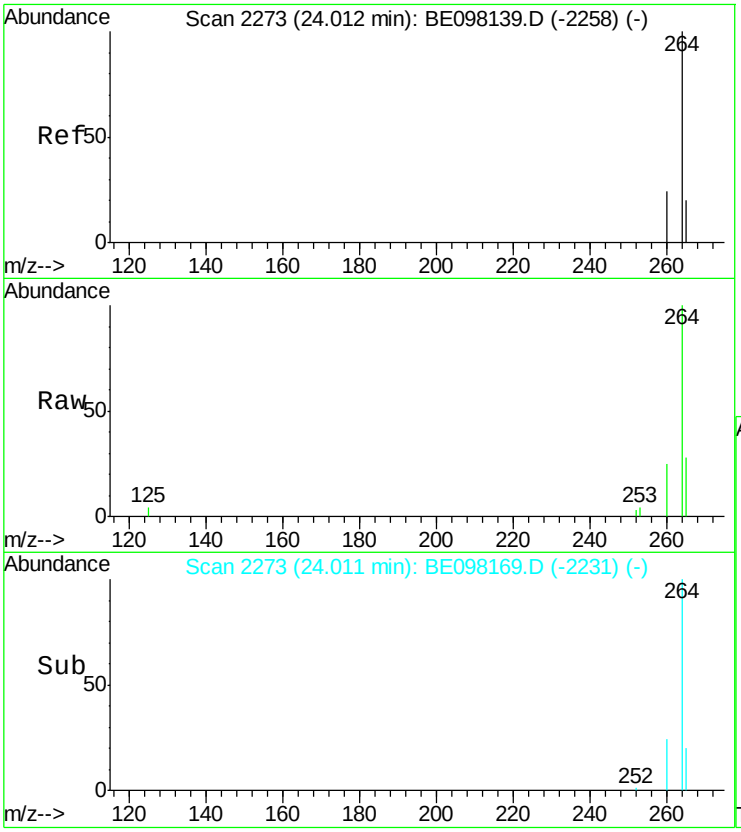


#29
Terphenyl-d14
Concen: 0.636 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:244 Resp: 11588

Ion	Ratio	Lower	Upper
244	100		
212	34.1	26.2	39.2
122	8.6	7.7	11.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :
CPS093081

Tgt Ion:264 Resp: 7627

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.1	31.7
265	28.0	29.2	43.8#