Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110518\
Data File : BE098161.D
Acq On : 5 Nov 2018 14:42
Operator : SJ/JU
Sample : J5780-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CPS113081

Quant Time: Nov 06 10:26:42 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	945	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4467	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3230	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7228	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8219	0.40	ng	0.00
34) Perylene-d12	24.01	264	7882	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	520	0.19	ng	0.00
5) Phenol-d6	7.05	99	507	0.11	ng	0.00
8) Nitrobenzene-d5	9.02	82	1713	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3053	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	615	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	5958	0.45	ng	-0.01
25) Fluoranthene-d10	19.31	212	35841	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	8544	0.45	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.72	128	3702	0.083	ng	# 62
22) Pentachlorophenol	16.94	266	59	0.177	ng	# 71
26) Fluoranthene	19.34	202	1368	0.061	ng	# 97
28) Pyrene	19.70	202	2872	0.128	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	13685	0.106	ng	# 100

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

Quantitation Report (QT Reviewed)

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Acq On : 5 Nov 2018 14:42
Operator : SJ/JU
Sample : J5780-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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CPS113081

Quant Time: Nov 06 10:26:42 2018
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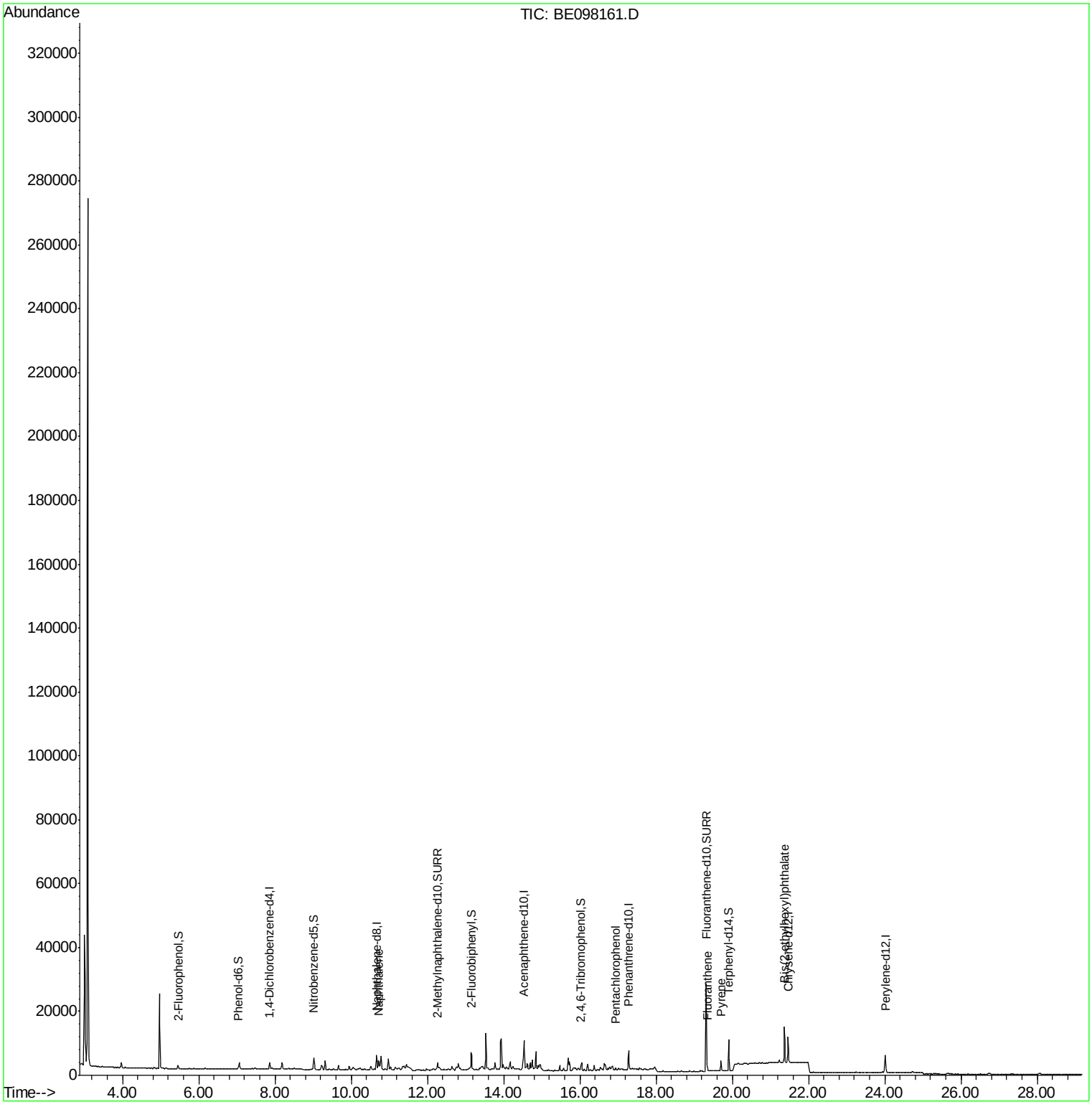
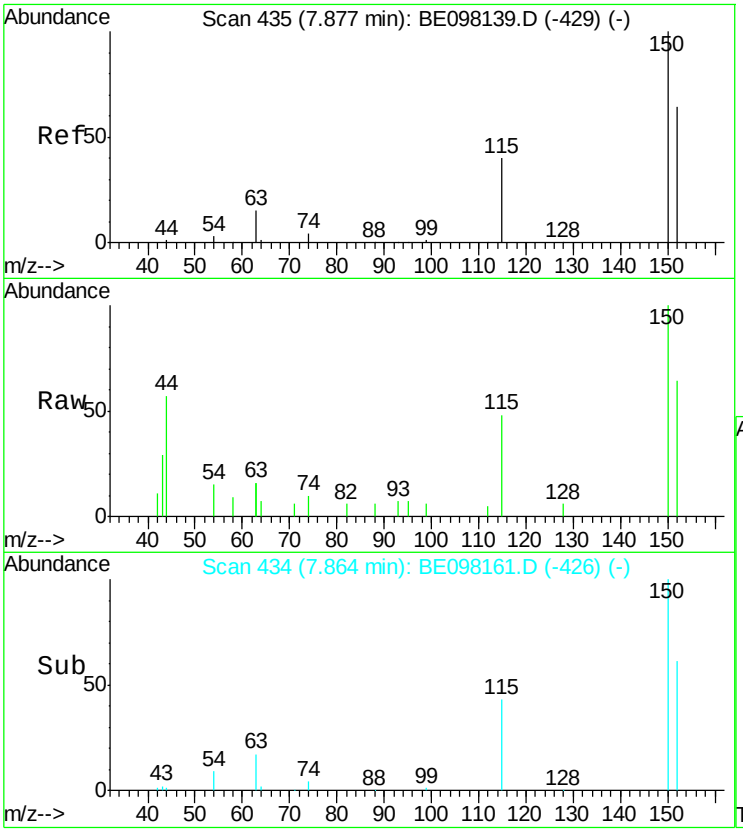
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration



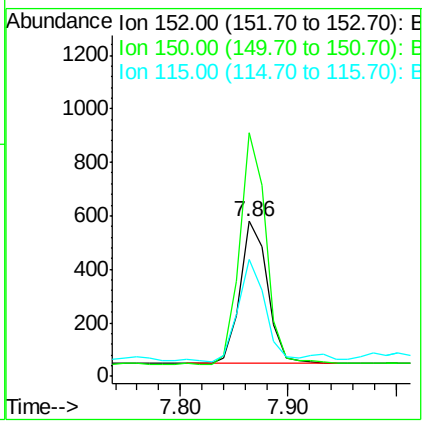


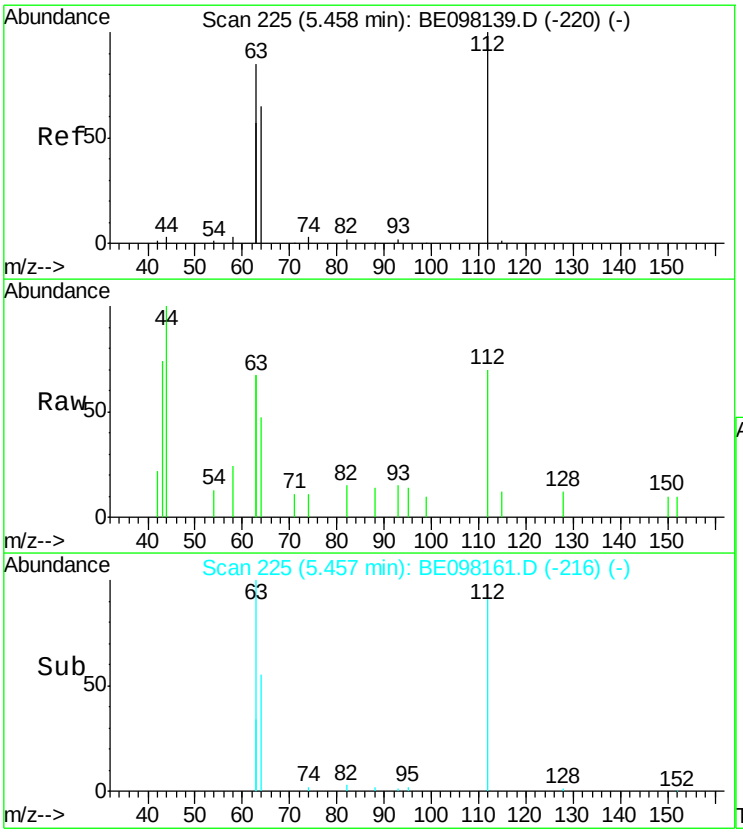
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Instrument :
BNA_E
ClientSampleId :
CPS113081

Tgt Ion:152 Resp: 945

Ion	Ratio	Lower	Upper
152	100		
150	157.2	118.2	177.4
115	75.8	50.9	76.3

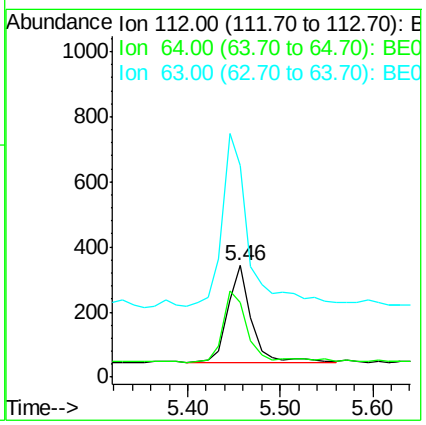


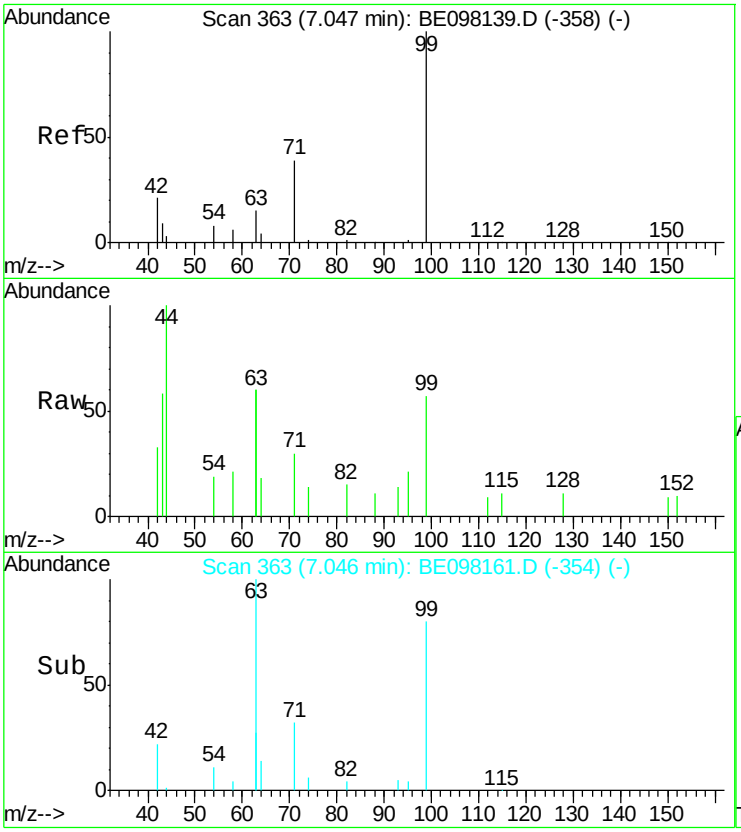


#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Tgt Ion:112 Resp: 520

Ion	Ratio	Lower	Upper
112	100		
64	82.1	58.9	88.3
63	210.0	120.3	180.5#



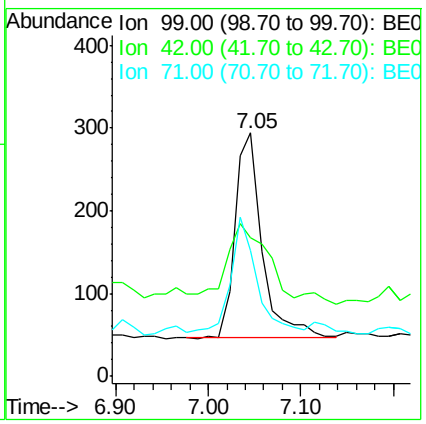


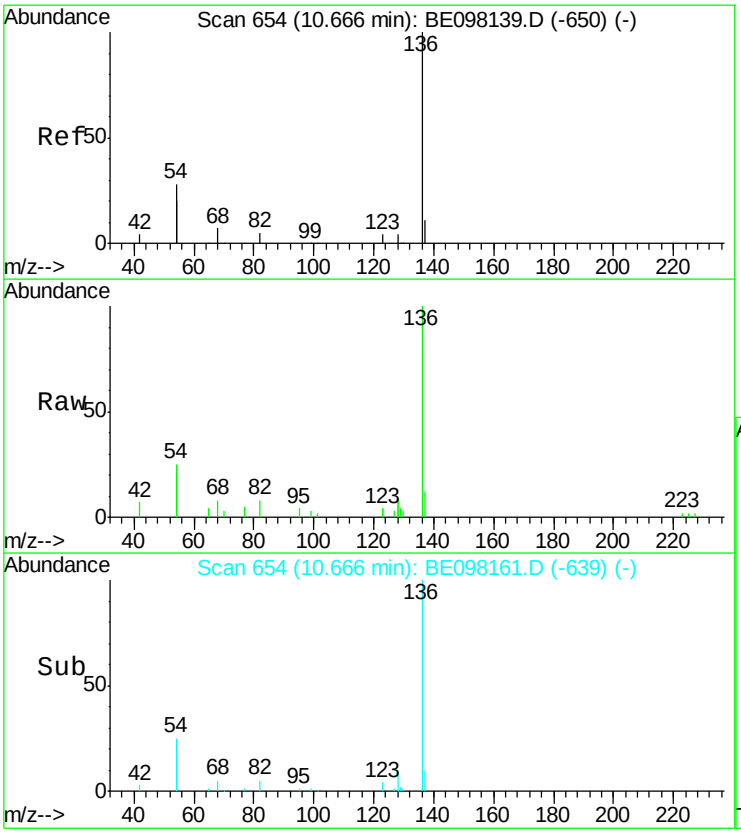
#5
Phenol-d6
Concen: 0.110 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Instrument :
BNA_E
ClientSampleId :
CPS113081

Tgt Ion: 99 Resp: 507

Ion	Ratio	Lower	Upper
99	100		
42	50.5	19.9	29.9#
71	53.3	27.8	41.8#

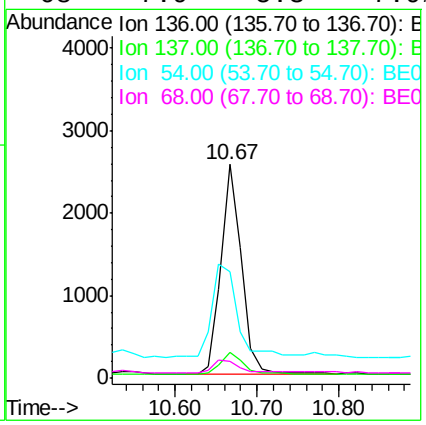


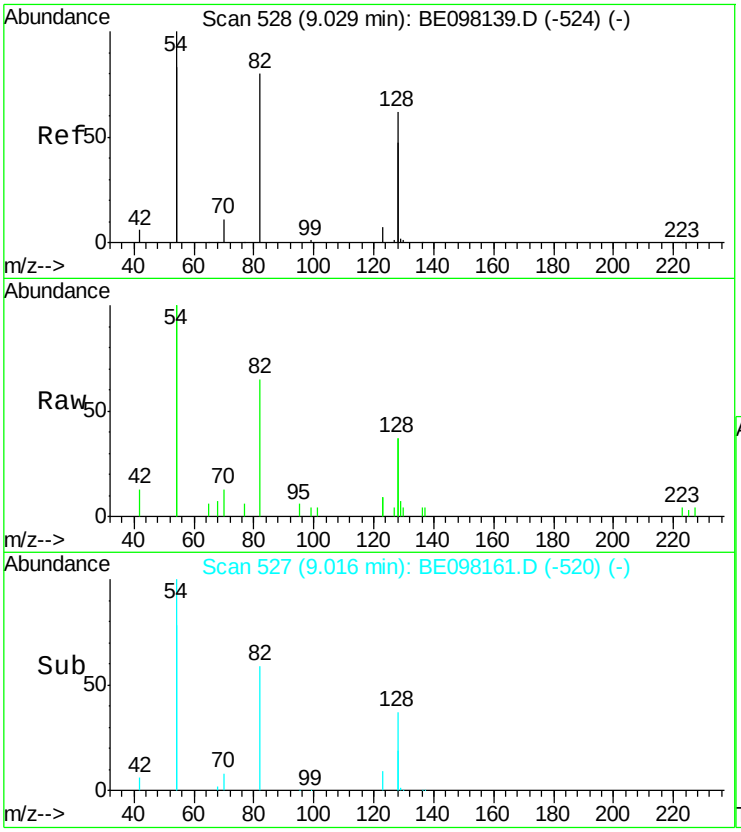


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Tgt Ion:136 Resp: 4467

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	49.5	27.7	41.5#
68	7.9	5.3	7.9#



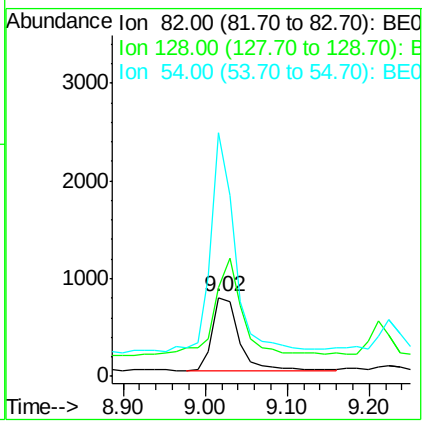


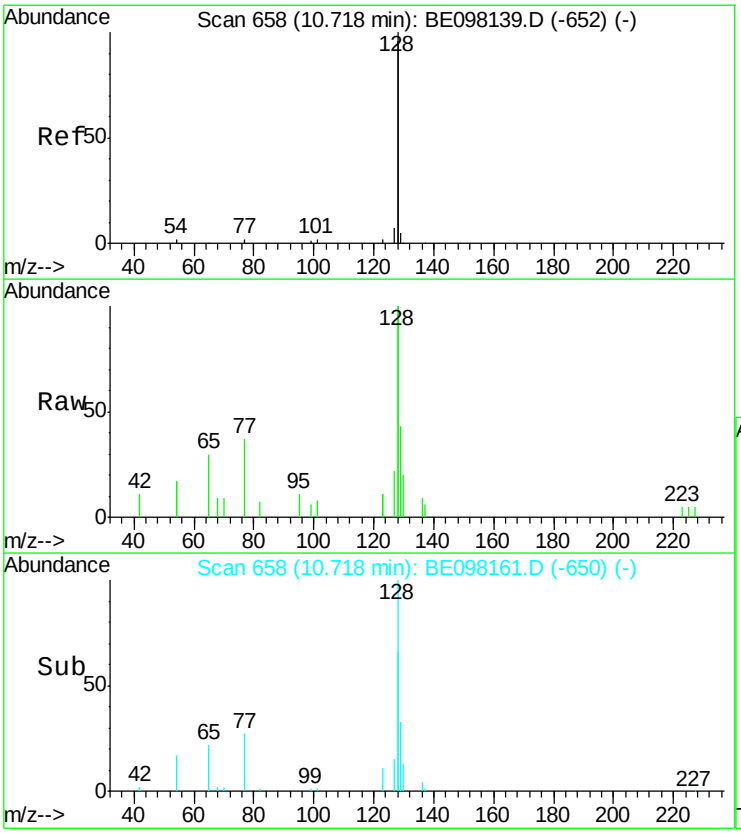
#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.01 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Instrument :
BNA_E
ClientSampleId :
CPS113081

Tgt Ion: 82 Resp: 1713

Ion	Ratio	Lower	Upper
82	100		
128	112.9	129.9	194.9#
54	309.2	174.0	261.0#

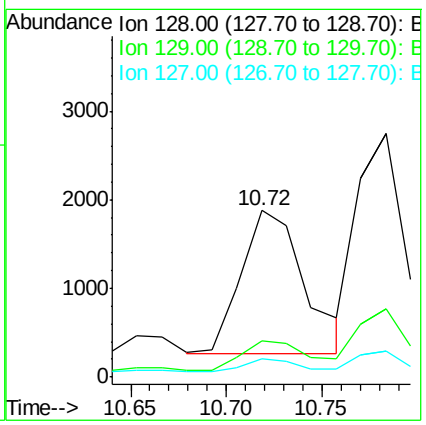


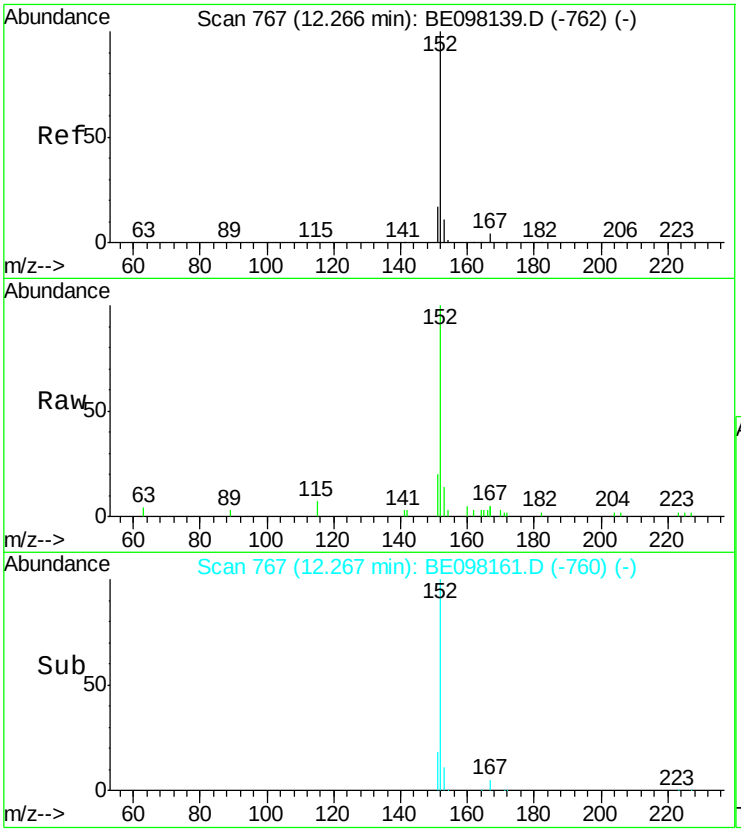


#9
Naphthalene
Concen: 0.083 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Tgt Ion:128 Resp: 3702

Ion	Ratio	Lower	Upper
128	100		
129	21.6	2.5	3.7#
127	10.9	2.8	4.2#



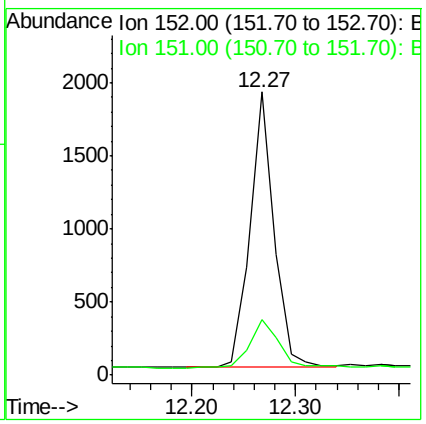


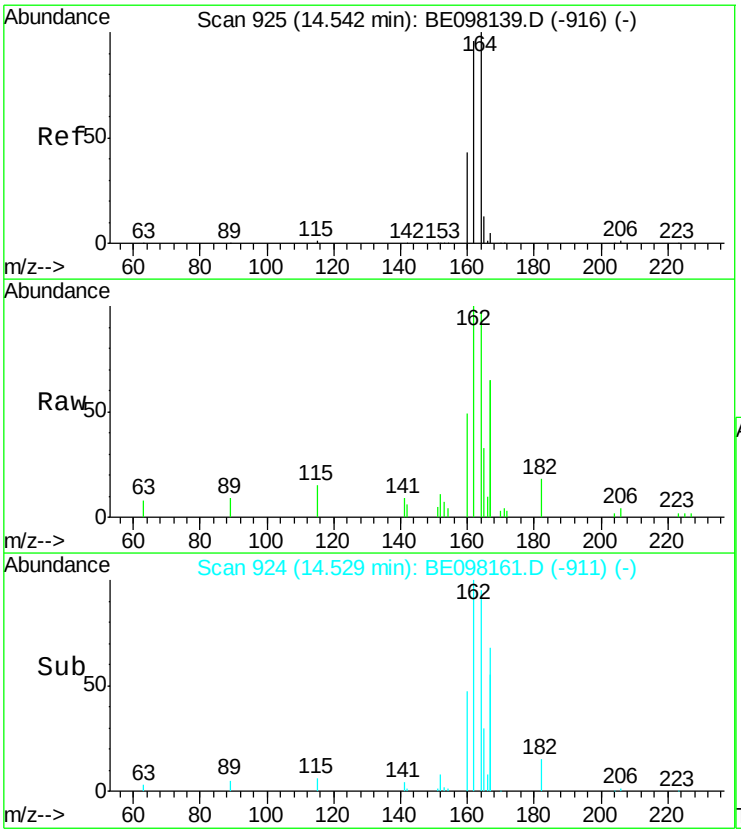
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Instrument :
BNA_E
ClientSampleId :
CPS113081

Tgt Ion:152 Resp: 3053

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.2	24.4

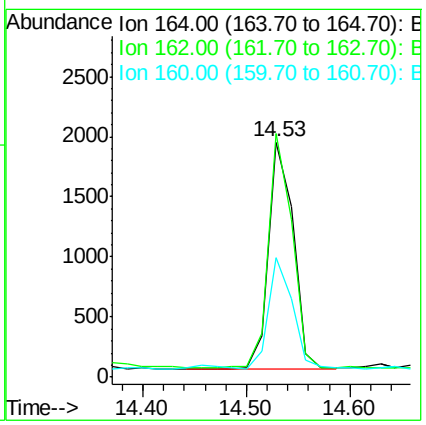


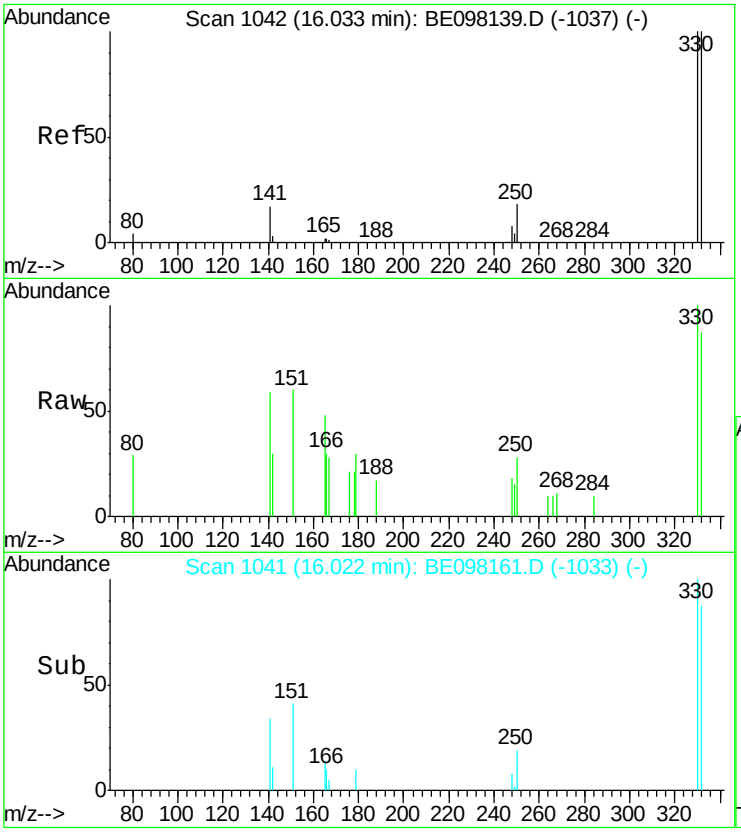


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Tgt Ion:164 Resp: 3230

Ion	Ratio	Lower	Upper
164	100		
162	103.5	77.4	116.2
160	50.7	36.5	54.7



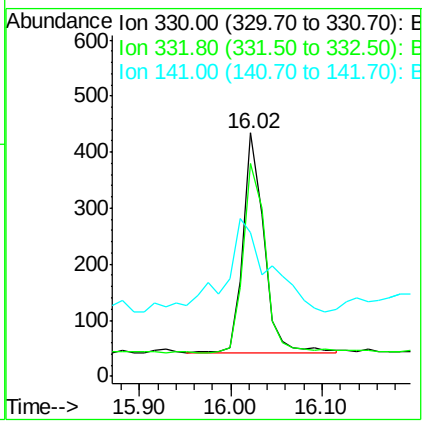


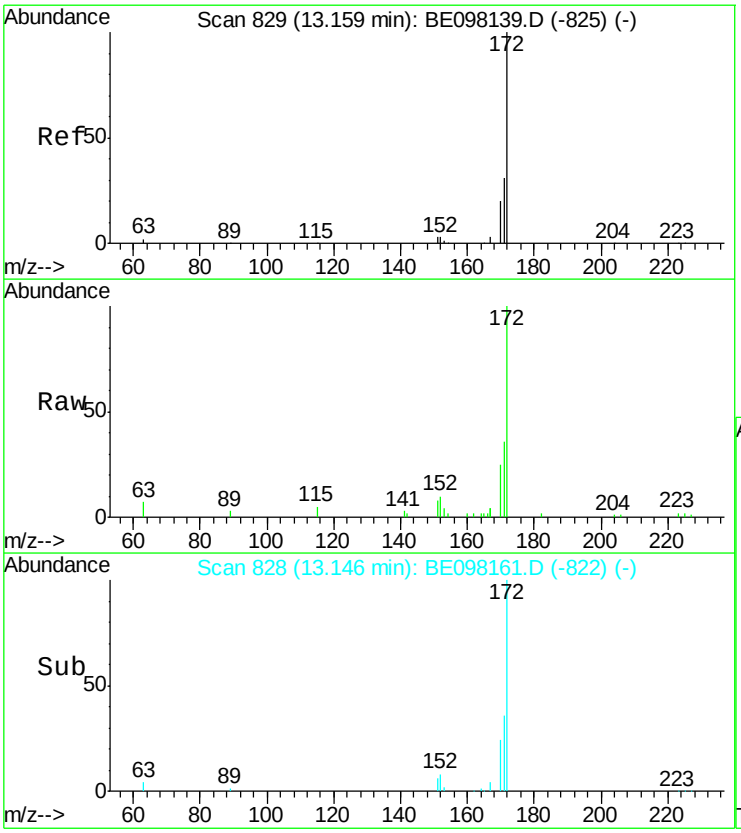
#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Instrument :
BNA_E
ClientSampleId :
CPS113081

Tgt Ion:330 Resp: 615

Ion	Ratio	Lower	Upper
330	100		
332	93.0	76.5	114.7
141	85.7	31.8	47.6#

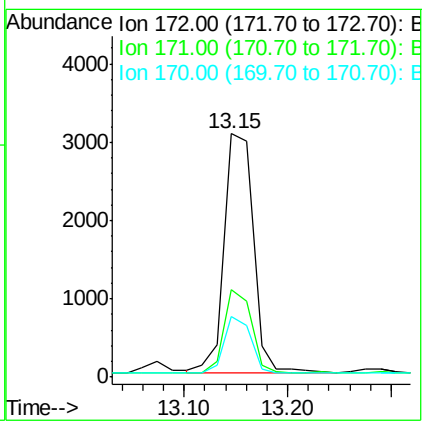


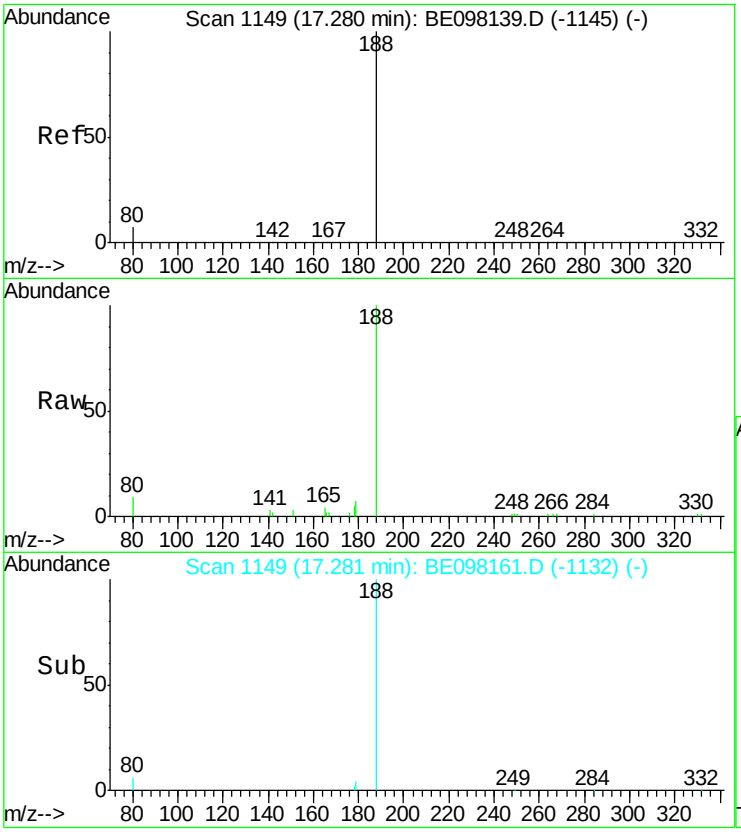


#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Tgt Ion:172 Resp: 5958

Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.0	39.0
170	24.9	18.0	27.0



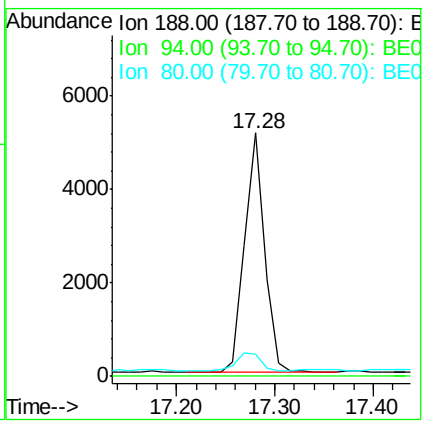


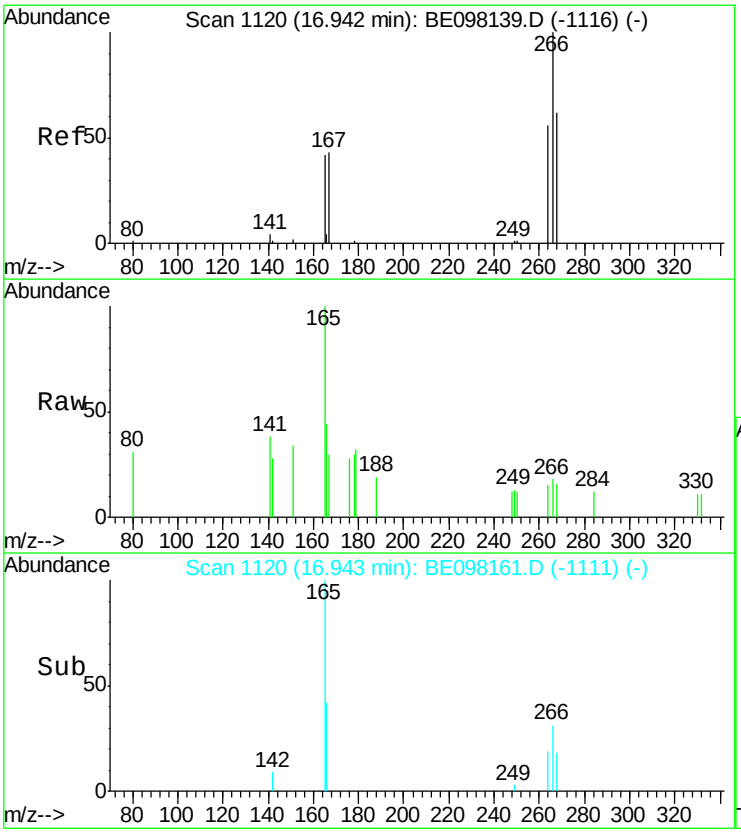
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Instrument :
BNA_E
ClientSampleId :
CPS113081

Tgt Ion:188 Resp: 7228

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	6.3	9.5

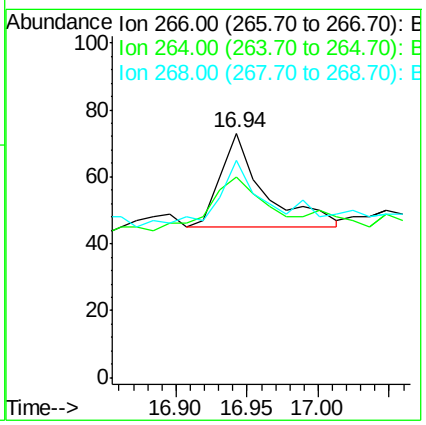


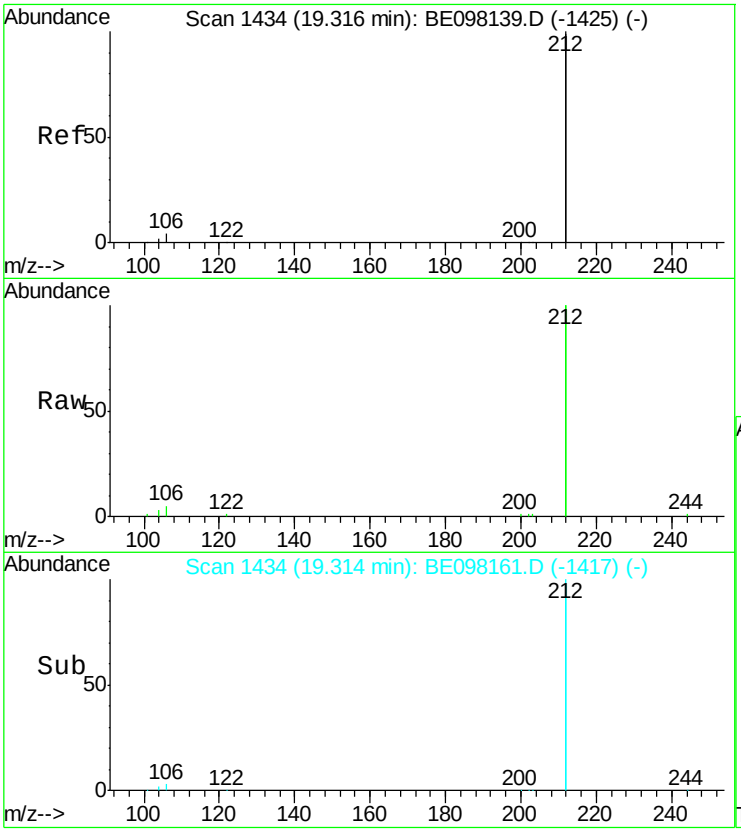


#22
Pentachlorophenol
Concen: 0.177 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Tgt Ion:266 Resp: 59

Ion	Ratio	Lower	Upper
266	100		
264	82.2	51.3	76.9#
268	89.0	50.1	75.1#



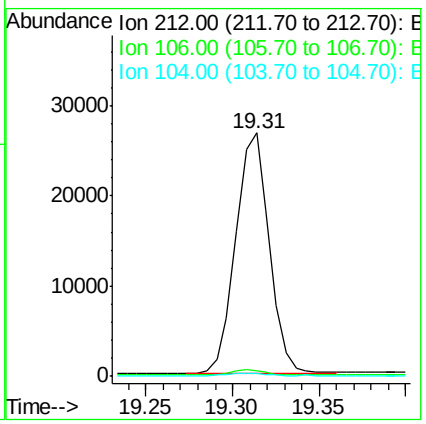


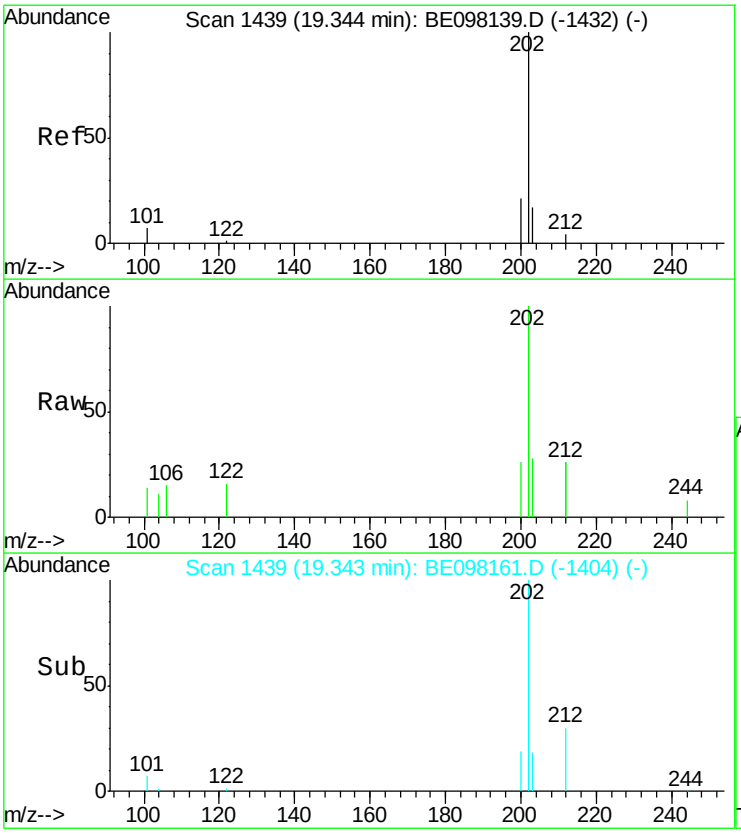
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Instrument :
BNA_E
ClientSampleId :
CPS113081

Tgt Ion:212 Resp: 35841

Ion	Ratio	Lower	Upper
212	100		
106	2.2	2.3	3.5#
104	1.2	1.3	1.9#

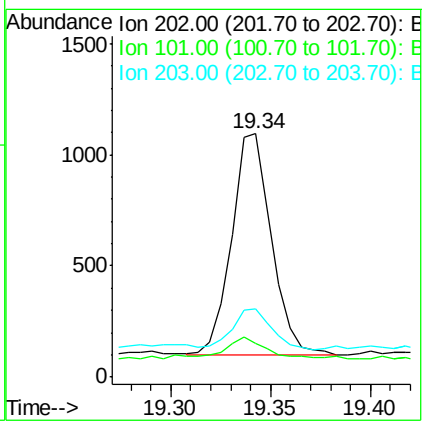


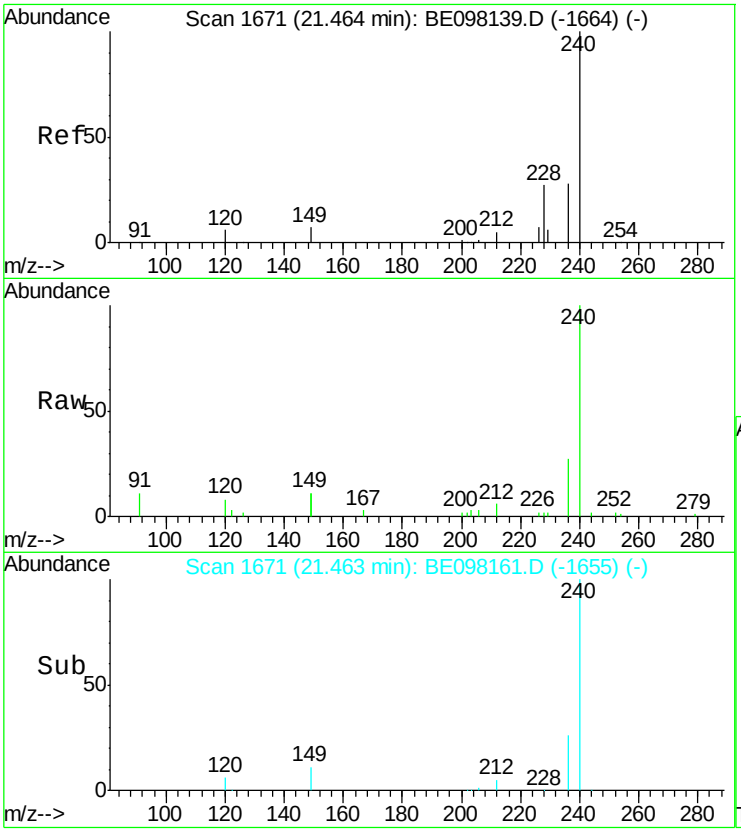


#26
Fluoranthene
Concen: 0.061 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Tgt Ion:202 Resp: 1368

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.2	12.2#
203	18.3	15.0	22.4



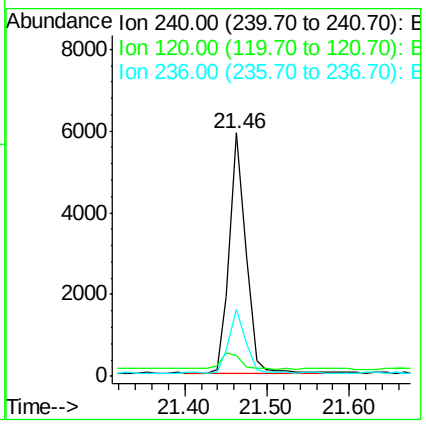


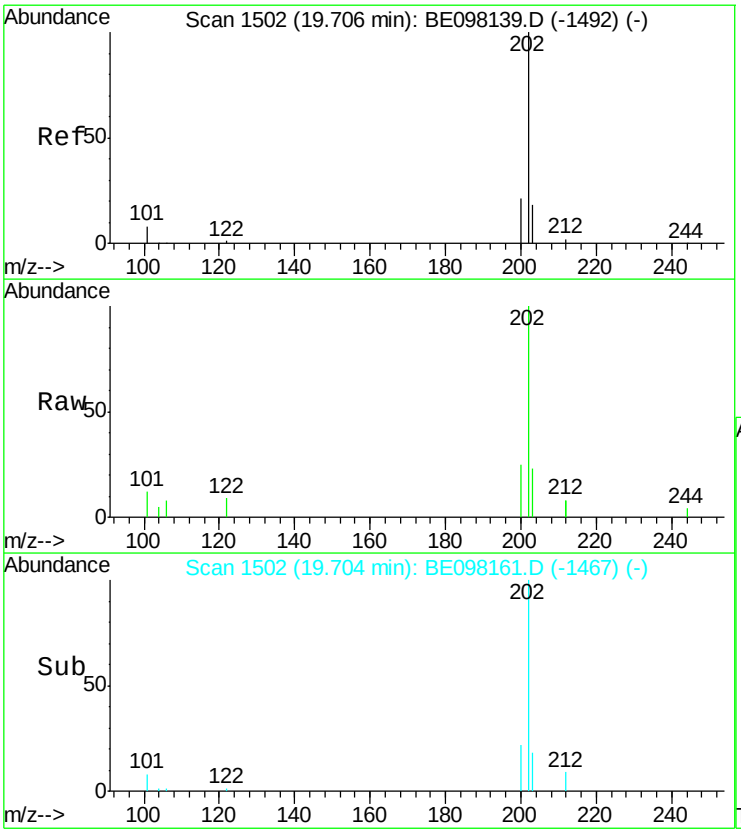
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Instrument :
BNA_E
ClientSampleId :
CPS113081

Tgt Ion:240 Resp: 8219

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.1	10.7
236	27.4	21.3	31.9

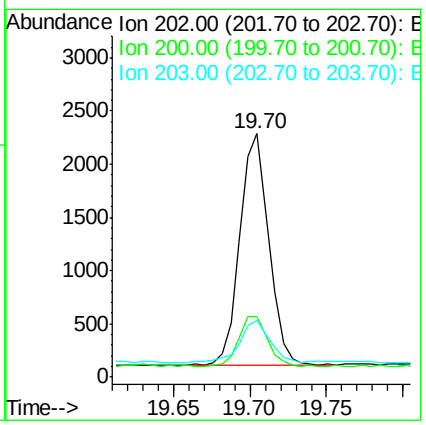


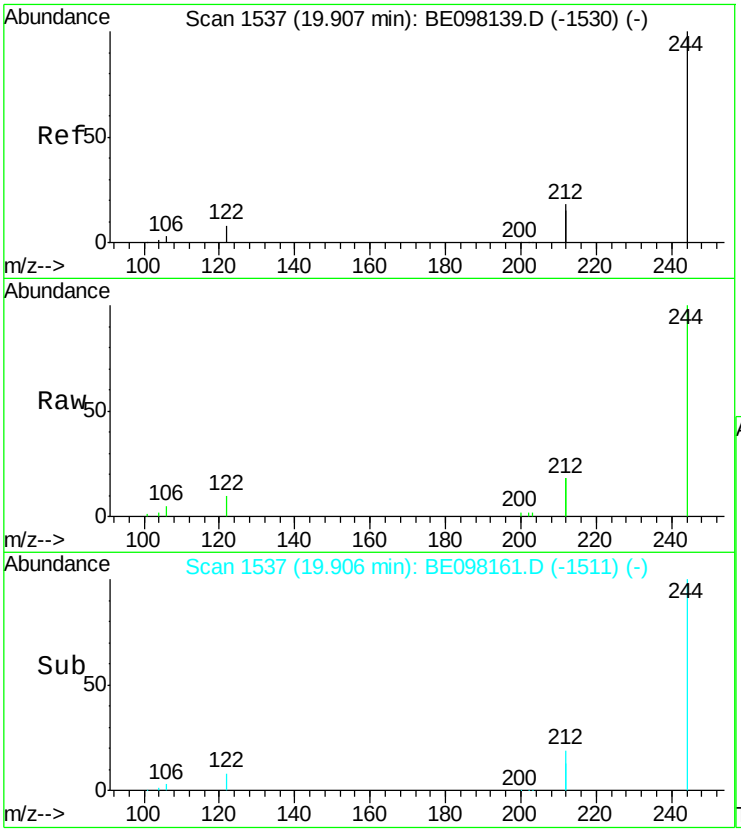


#28
Pyrene
Concen: 0.128 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Tgt Ion:202 Resp: 2872

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	19.1	14.2	21.4



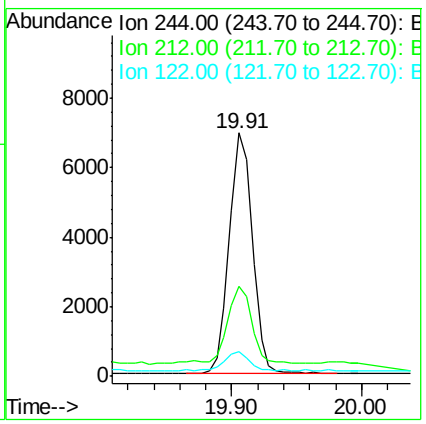


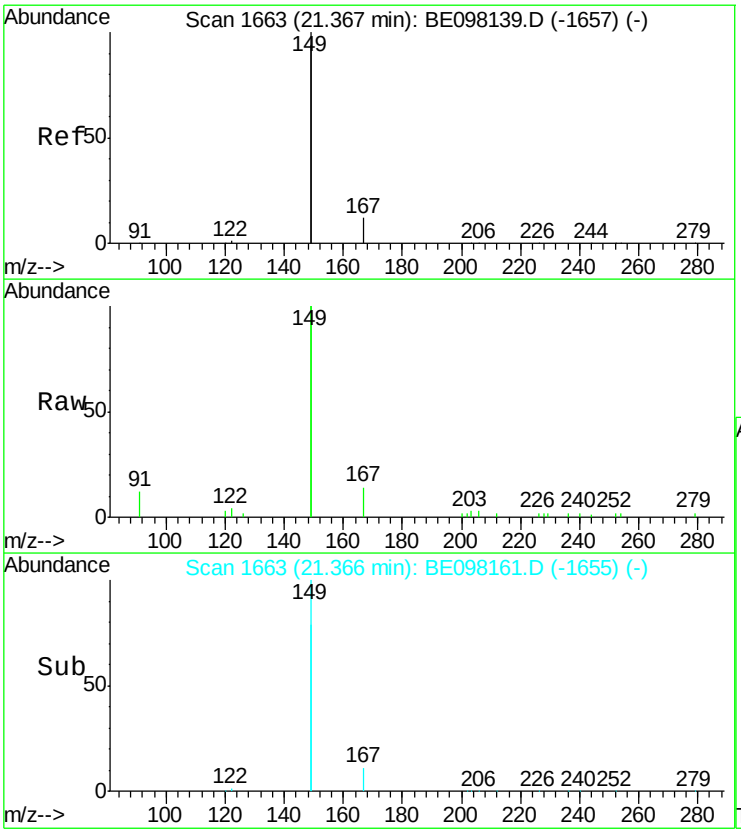
#29
Terphenyl-d14
Concen: 0.447 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Instrument :
BNA_E
ClientSampleId :
CPS113081

Tgt Ion:244 Resp: 8544

Ion	Ratio	Lower	Upper
244	100		
212	37.0	26.2	39.2
122	10.2	7.7	11.5

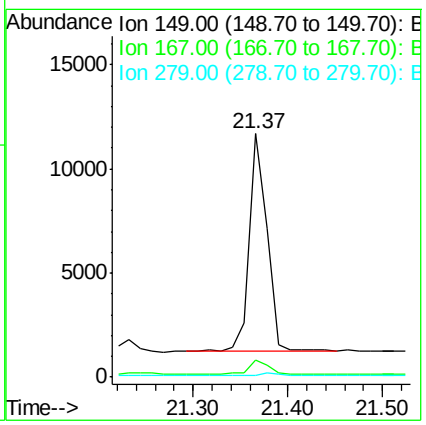


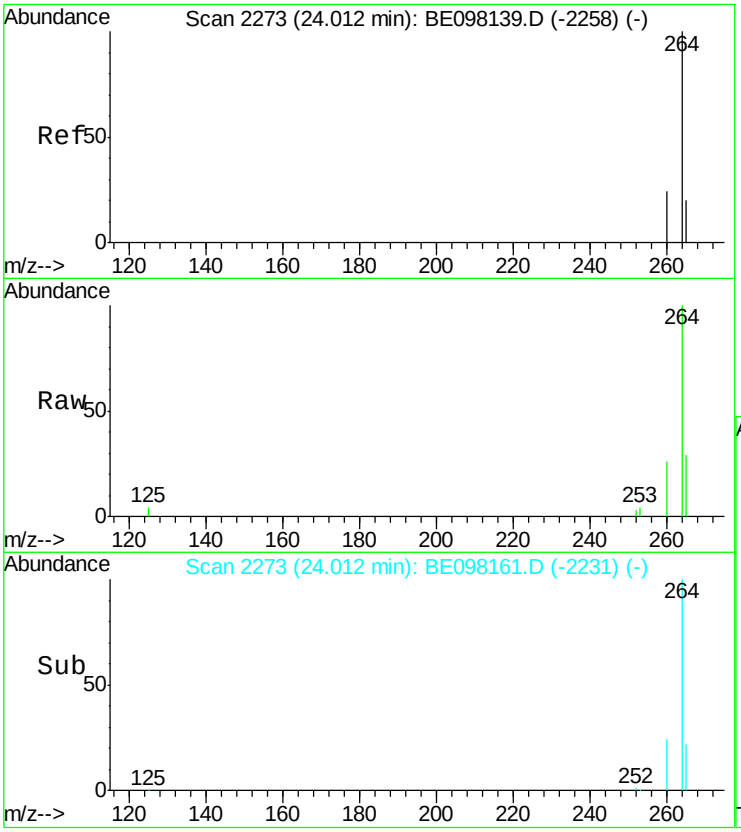


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.106 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Tgt Ion:149 Resp: 13685

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.4	0.9	1.3#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098161.D
Acq: 5 Nov 2018 14:42

Instrument :
BNA_E
ClientSampleId :
CPS113081

Tgt Ion:264 Resp: 7882

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.1	31.7
265	29.4	29.2	43.8