Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110718\
Data File : BE098174.D
Acq On : 7 Nov 2018 15:14
Operator : SJ/JU
Sample : J5820-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CPS083081

Quant Time: Nov 07 16:27:18 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	995	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4791	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3335	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	8083	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8720	0.40	ng	0.00
34) Perylene-d12	24.01	264	8461	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	605	0.20	ng	0.00
5) Phenol-d6	7.05	99	601	0.12	ng	0.00
8) Nitrobenzene-d5	9.03	82	2105	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3420	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	525	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6222	0.45	ng	-0.01
25) Fluoranthene-d10	19.31	212	41767	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	11680	0.58	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.72	128	1416	0.030	ng	# 88
12) 2-Methylnaphthalene	12.34	142	278	0.033	ng	# 83
22) Pentachlorophenol	16.95	266	55	0.170	ng	# 84
23) Phenanthrene	17.33	178	538	0.027	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.37	149	198588	3.392	ng	100

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

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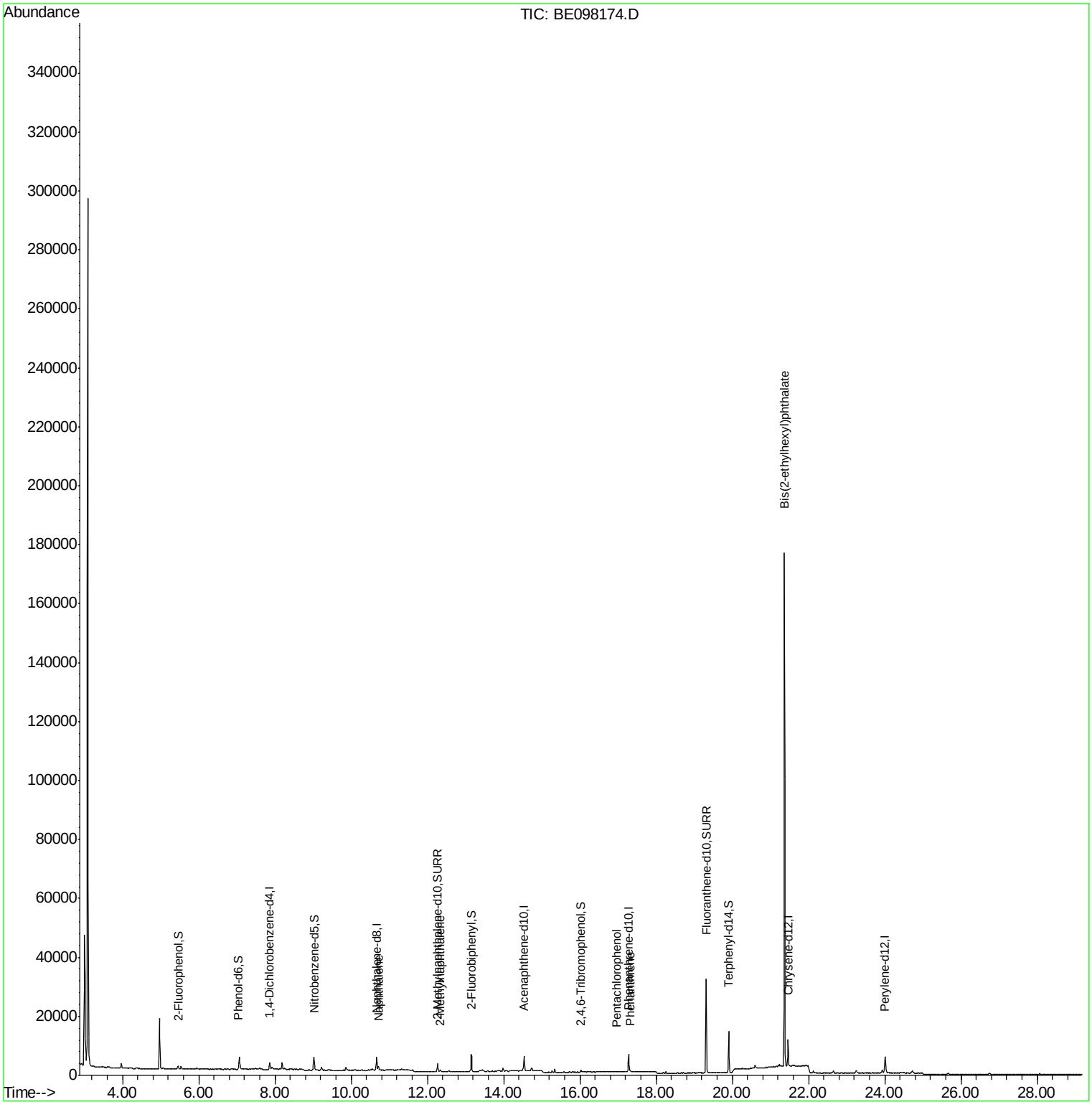
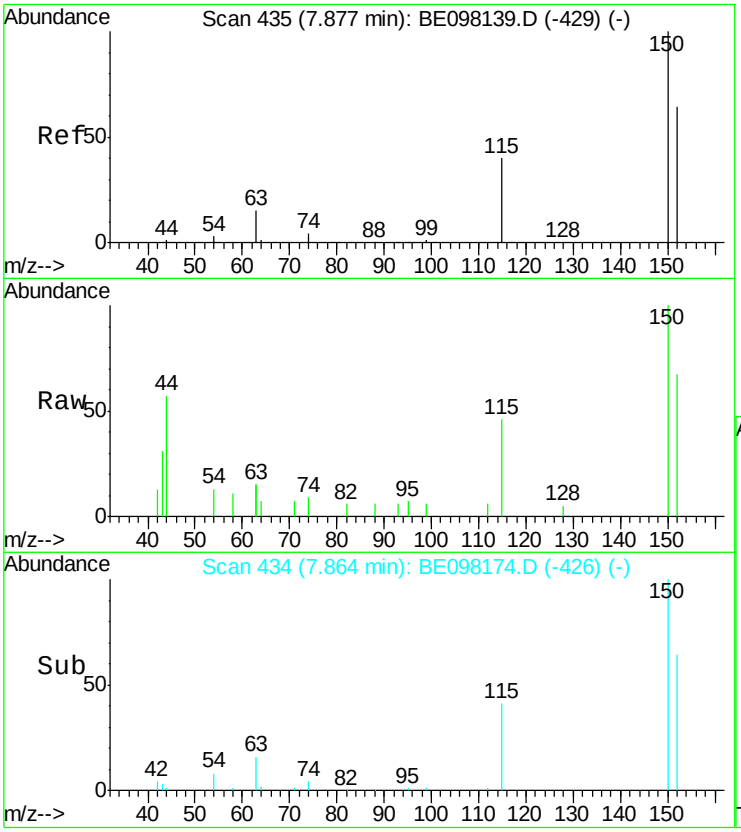


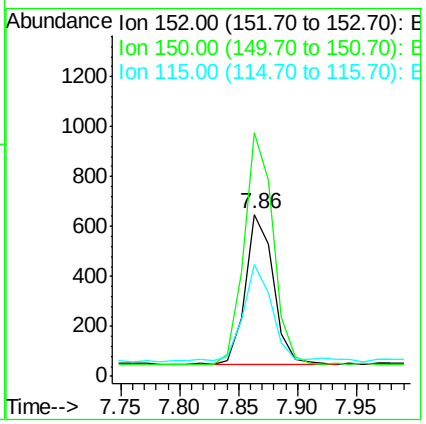


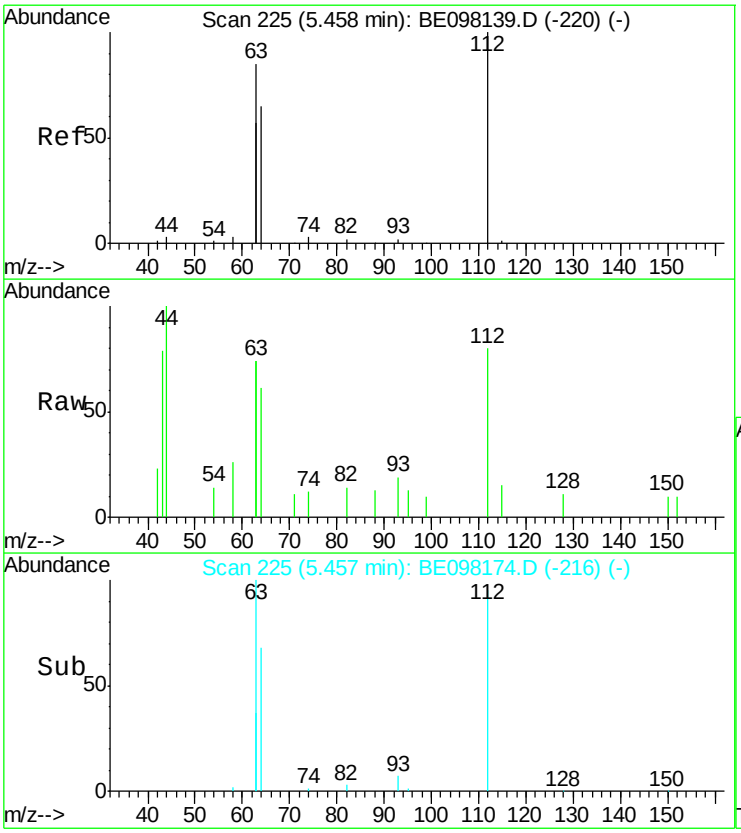
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :
CPS083081

Tgt Ion:152 Resp: 995

Ion	Ratio	Lower	Upper
152	100		
150	150.2	118.2	177.4
115	68.7	50.9	76.3

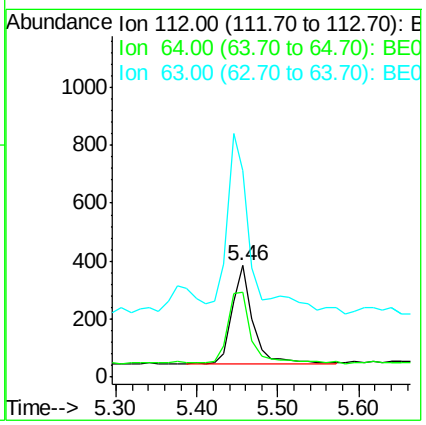


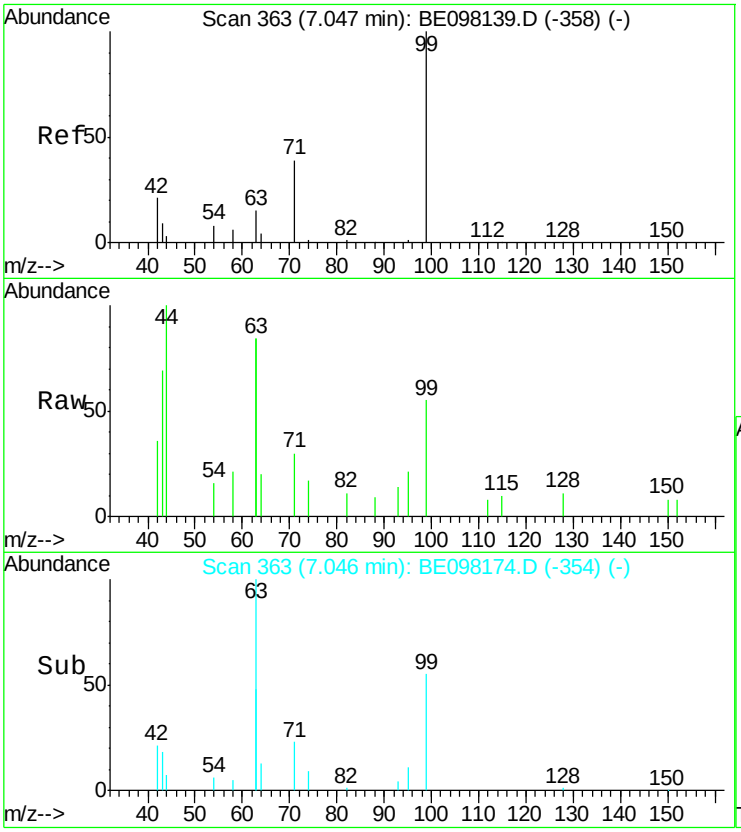


#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:112 Resp: 605

Ion	Ratio	Lower	Upper
112	100		
64	85.6	58.9	88.3
63	153.2	120.3	180.5



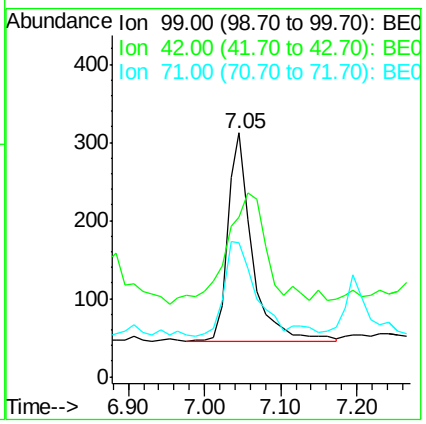


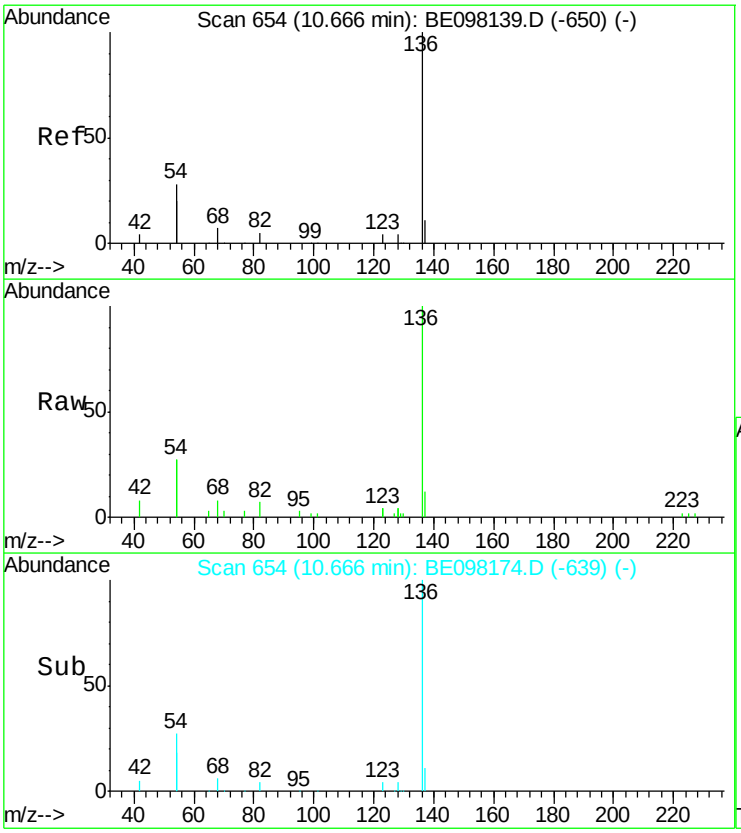
#5
Phenol-d6
Concen: 0.124 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :
CPS083081

Tgt Ion: 99 Resp: 601

Ion	Ratio	Lower	Upper
99	100		
42	89.2	19.9	29.9#
71	0.0	27.8	41.8#

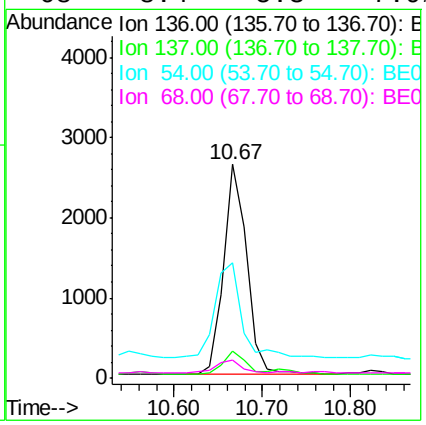


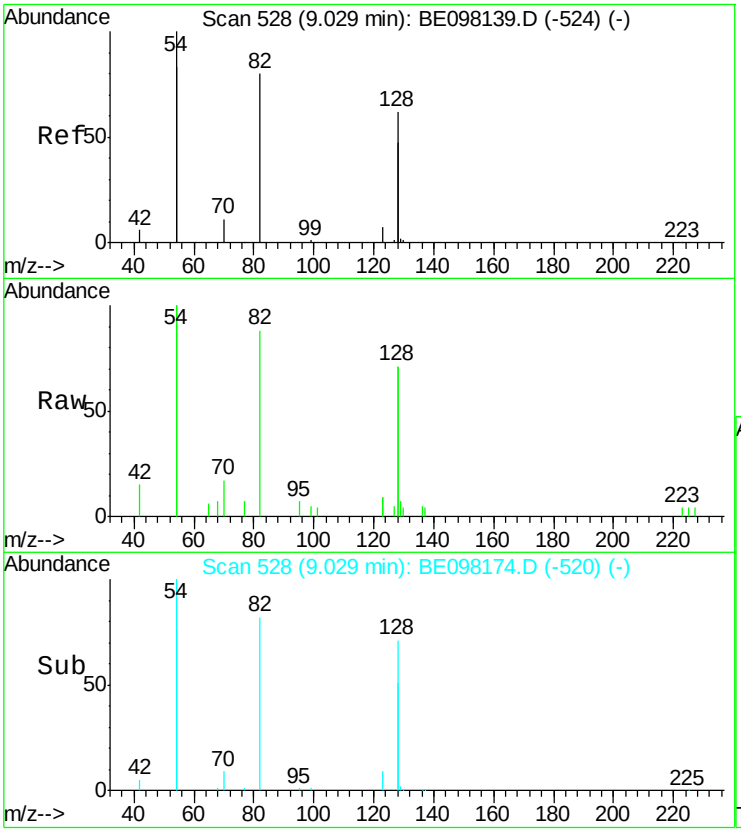


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:136 Resp: 4791

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	53.8	27.7	41.5#
68	8.4	5.3	7.9#



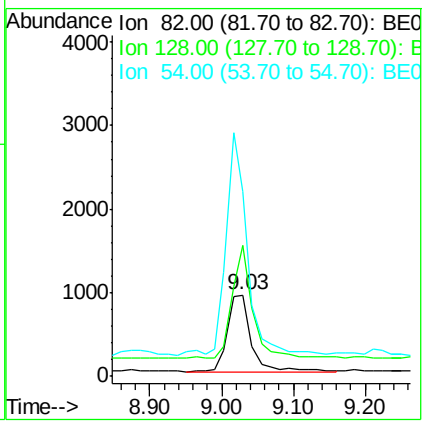


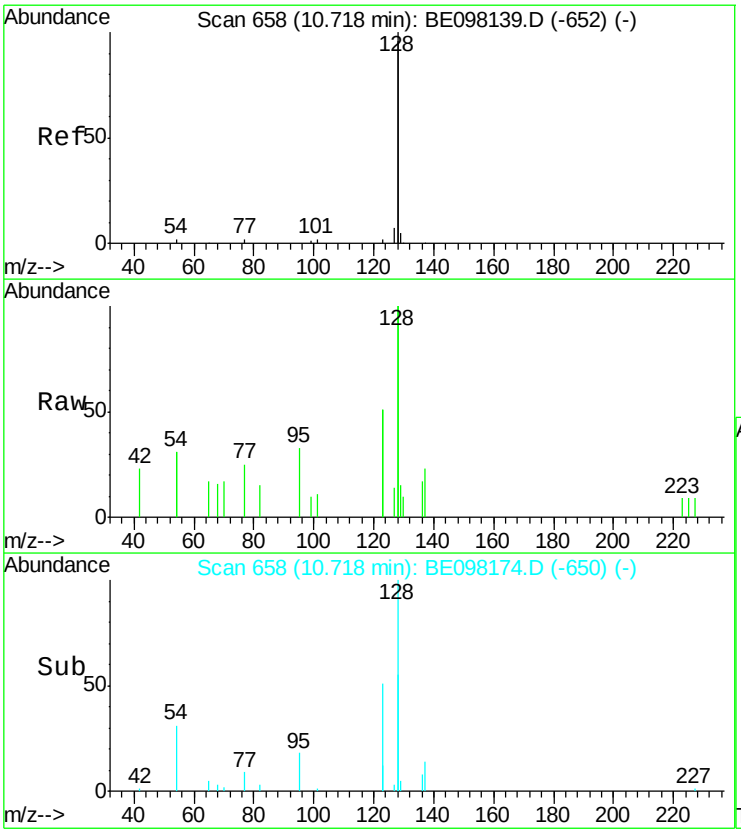
#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :
CPS083081

Tgt Ion: 82 Resp: 2105

Ion	Ratio	Lower	Upper
82	100		
128	160.7	129.9	194.9
54	227.0	174.0	261.0

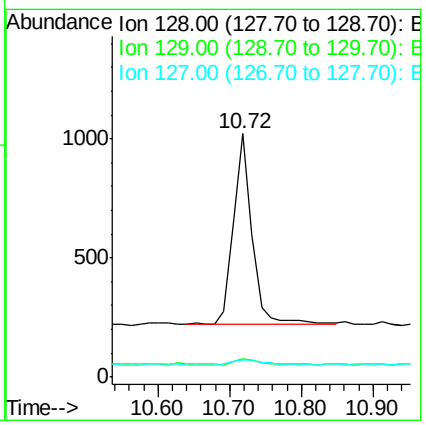


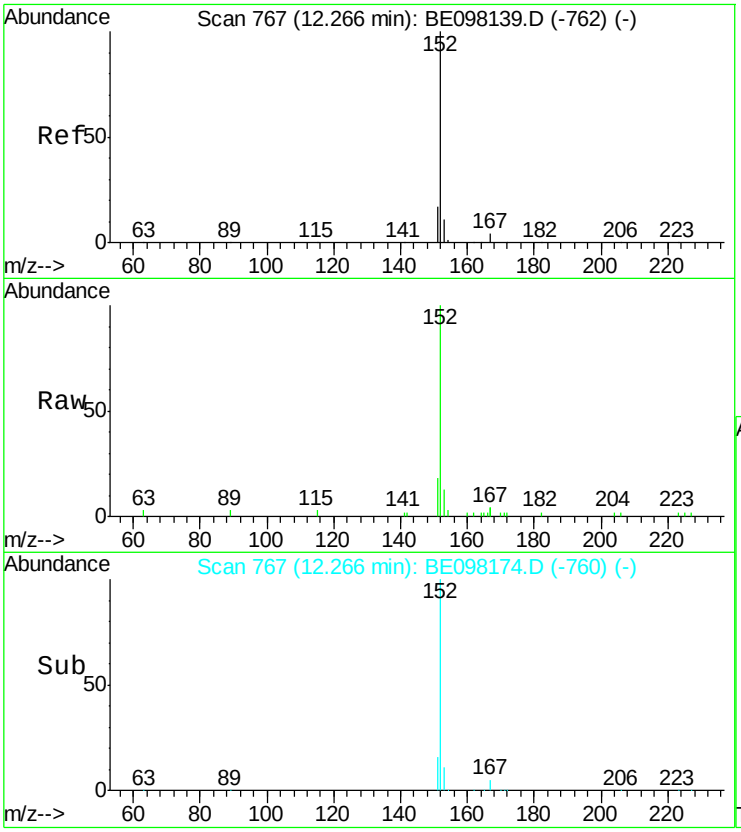


#9
Naphthalene
Concen: 0.030 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:128 Resp: 1416

Ion	Ratio	Lower	Upper
128	100		
129	7.3	2.5	3.7#
127	7.1	2.8	4.2#



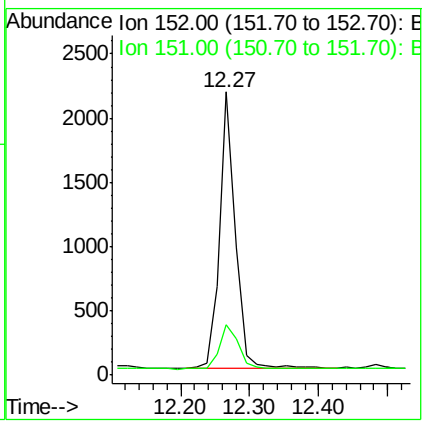


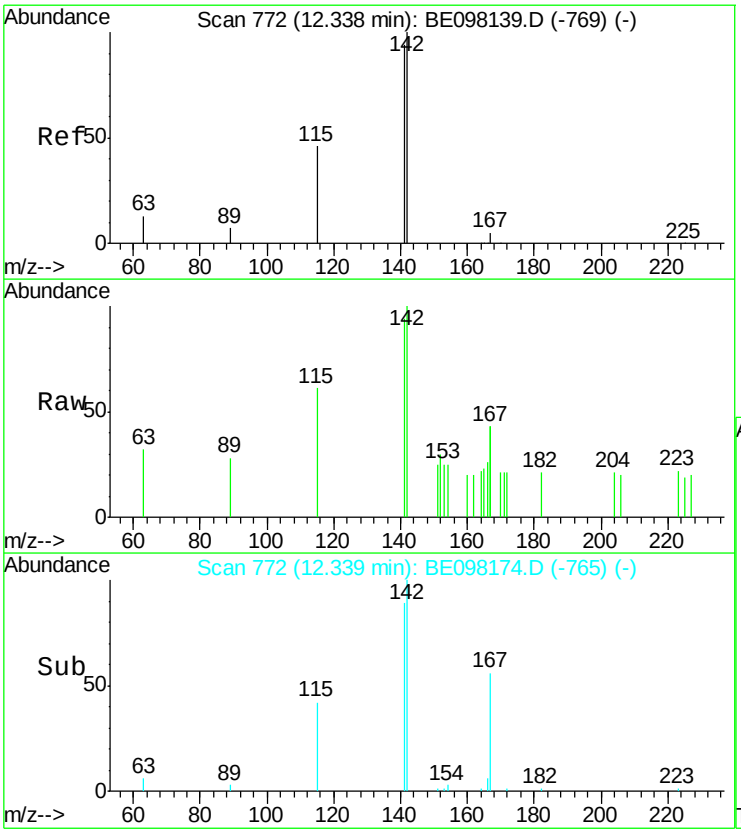
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :
CPS083081

Tgt Ion:152 Resp: 3420

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

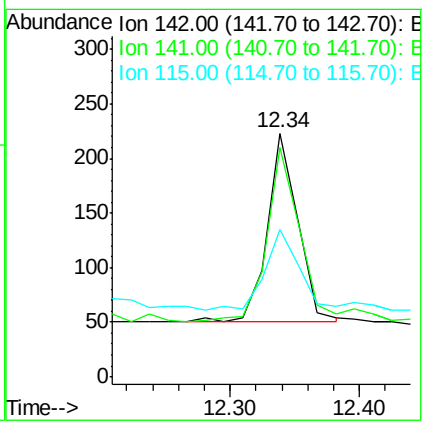


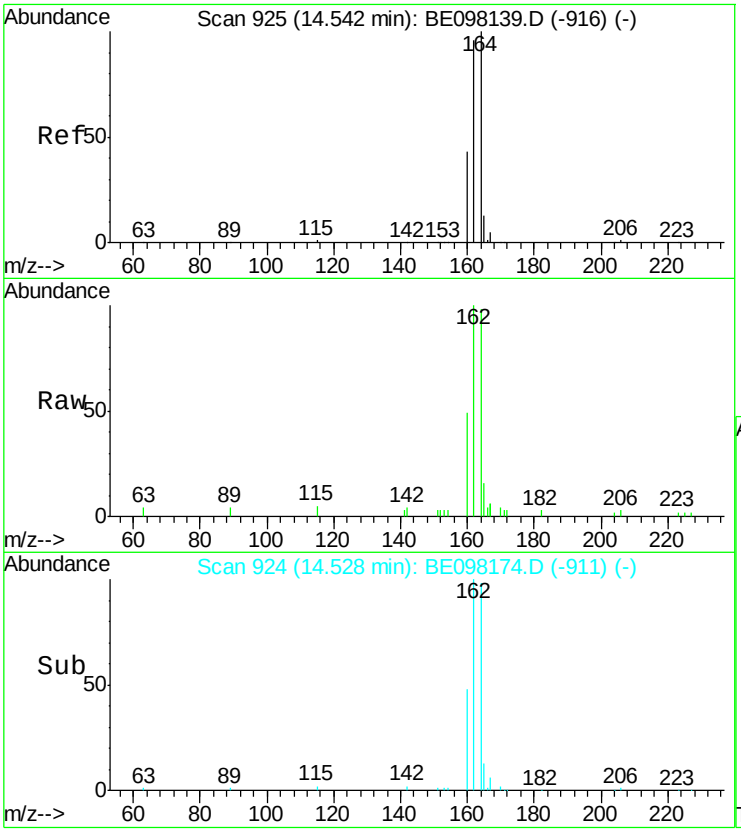


#12
2-Methylnaphthalene
Concen: 0.033 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:142 Resp: 278

Ion	Ratio	Lower	Upper
142	100		
141	94.2	69.8	104.6
115	60.5	30.5	45.7#



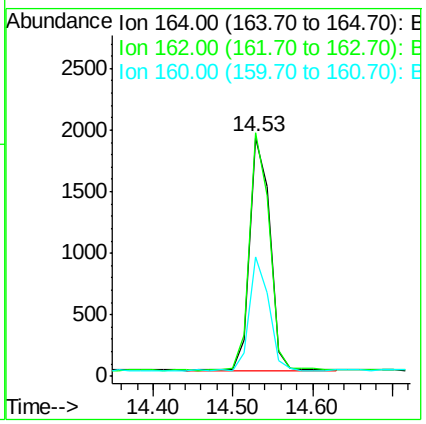


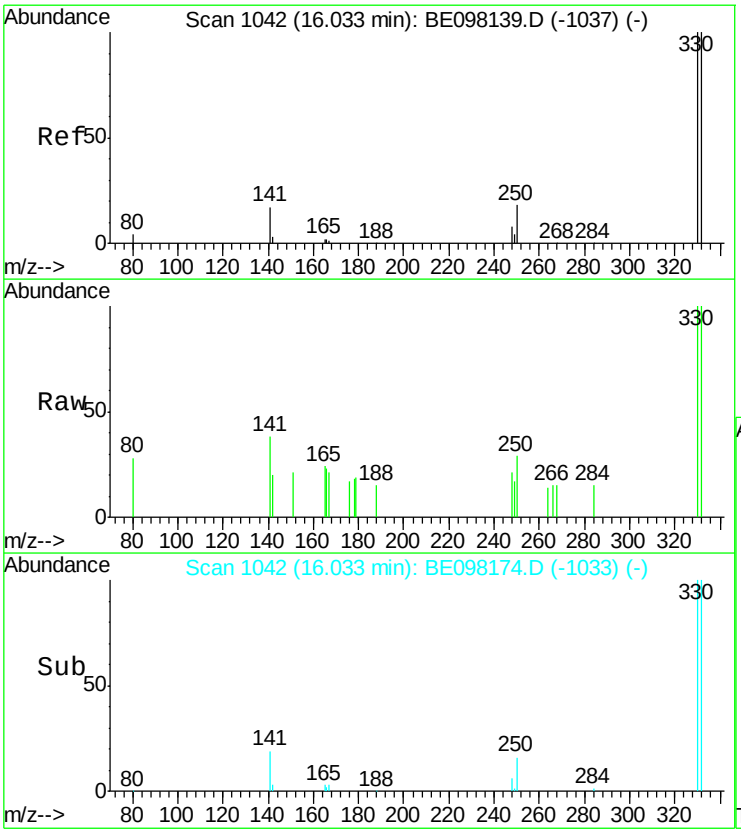
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :
CPS083081

Tgt Ion:164 Resp: 3335

Ion	Ratio	Lower	Upper
164	100		
162	101.9	77.4	116.2
160	49.9	36.5	54.7

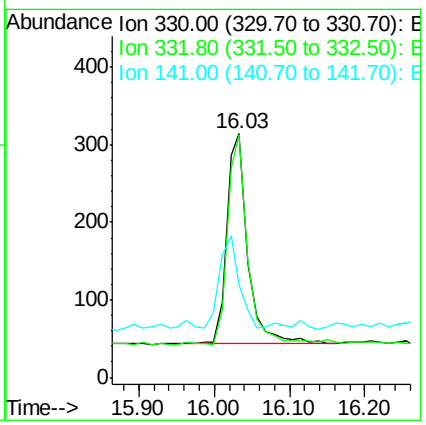


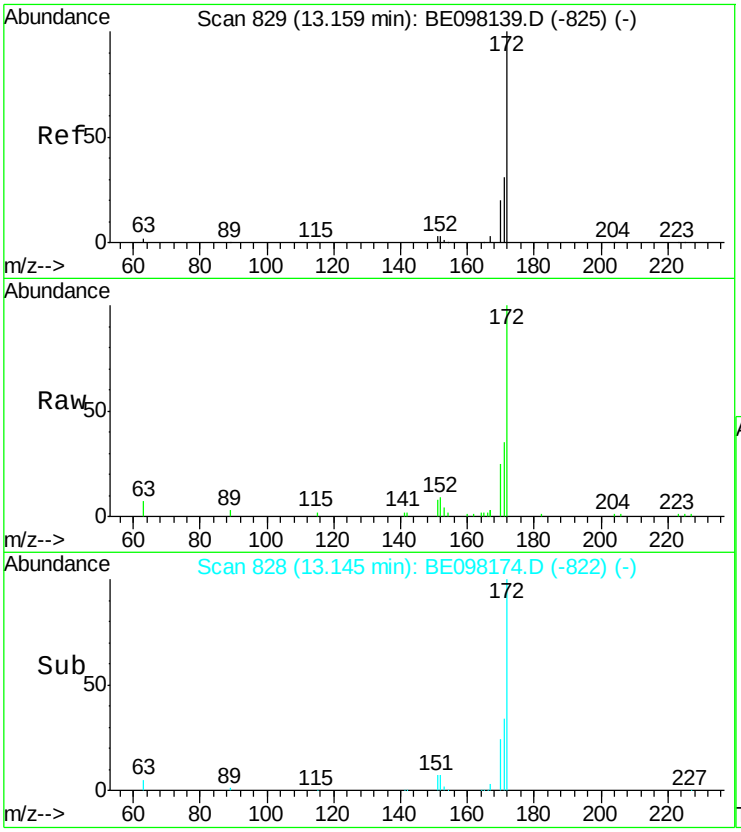


#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:330 Resp: 525

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.5	114.7
141	42.1	31.8	47.6



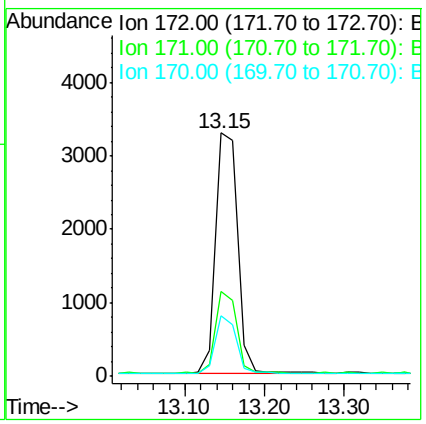


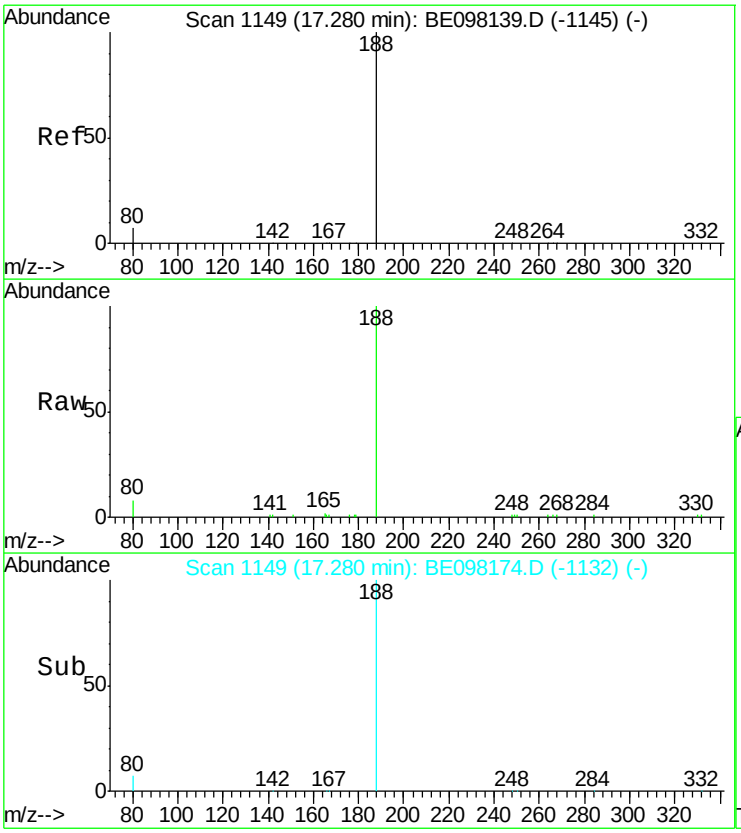
#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :
CPS083081

Tgt Ion:172 Resp: 6222

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.0	39.0
170	24.8	18.0	27.0

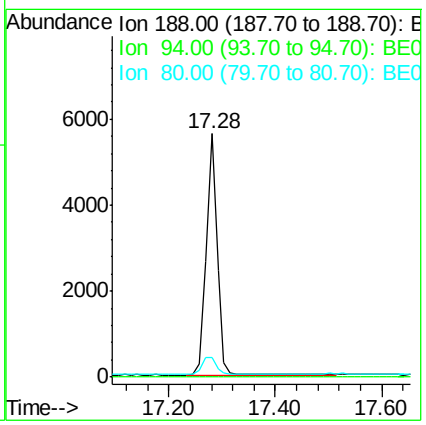


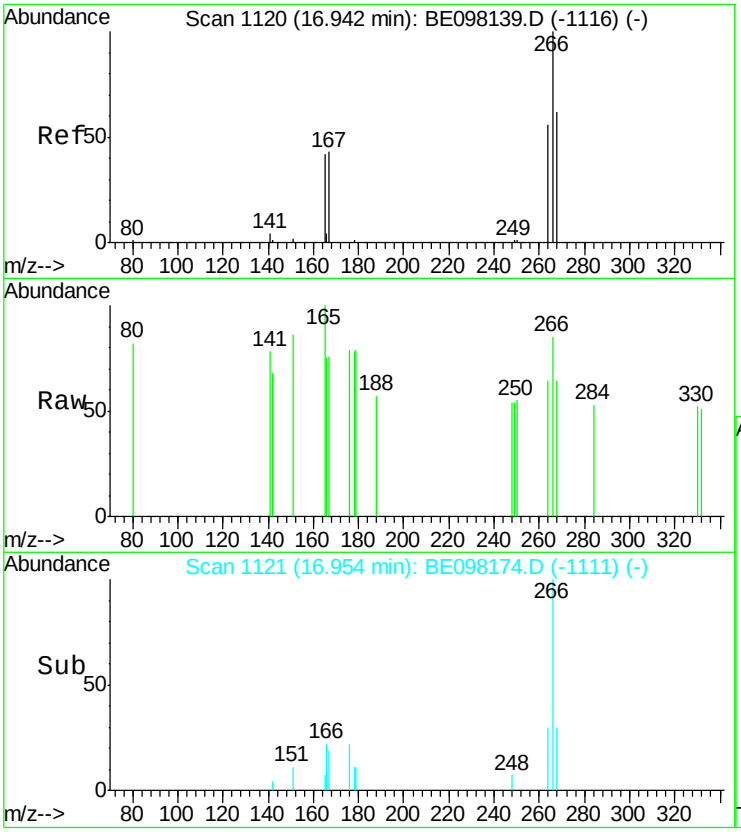


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:188 Resp: 8083

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.3	9.5



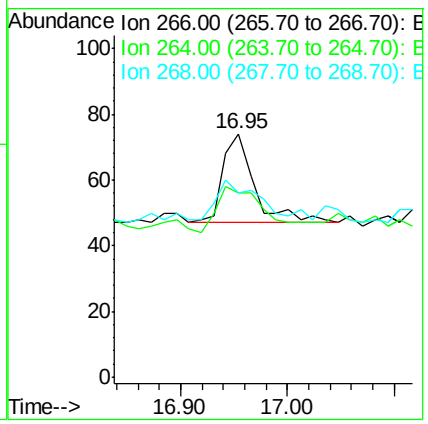


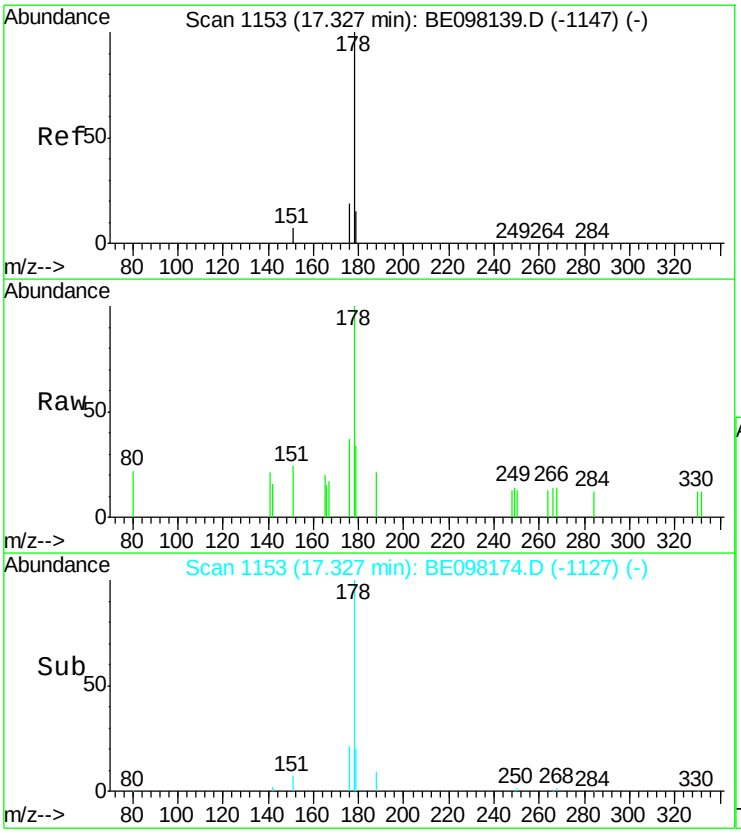
#22
Pentachlorophenol
Concen: 0.170 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :
CPS083081

Tgt Ion:266 Resp: 55

Ion	Ratio	Lower	Upper
266	100		
264	75.7	51.3	76.9
268	75.7	50.1	75.1#

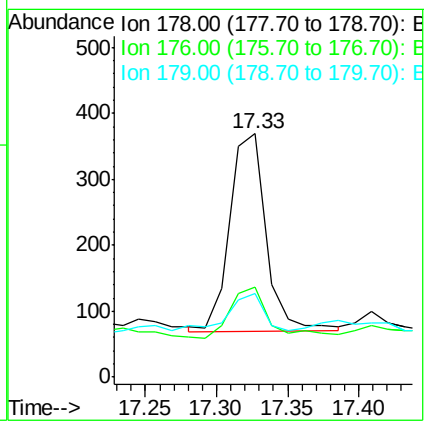


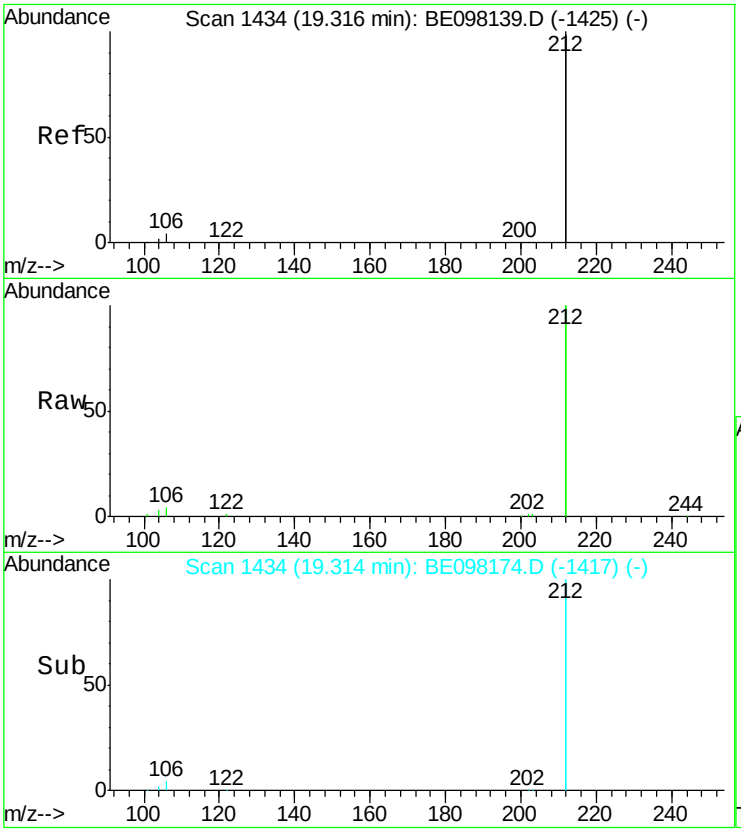


#23
Phenanthrene
Concen: 0.027 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:178 Resp: 538

Ion	Ratio	Lower	Upper
178	100		
176	29.0	15.5	23.3#
179	19.0	12.2	18.4#



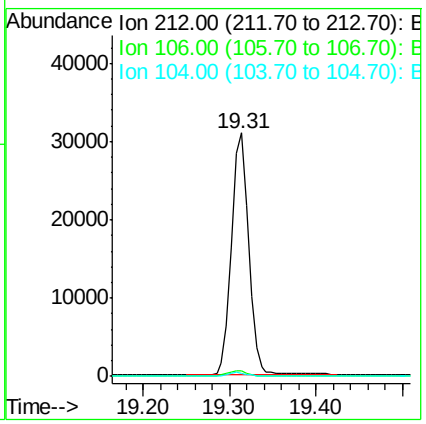


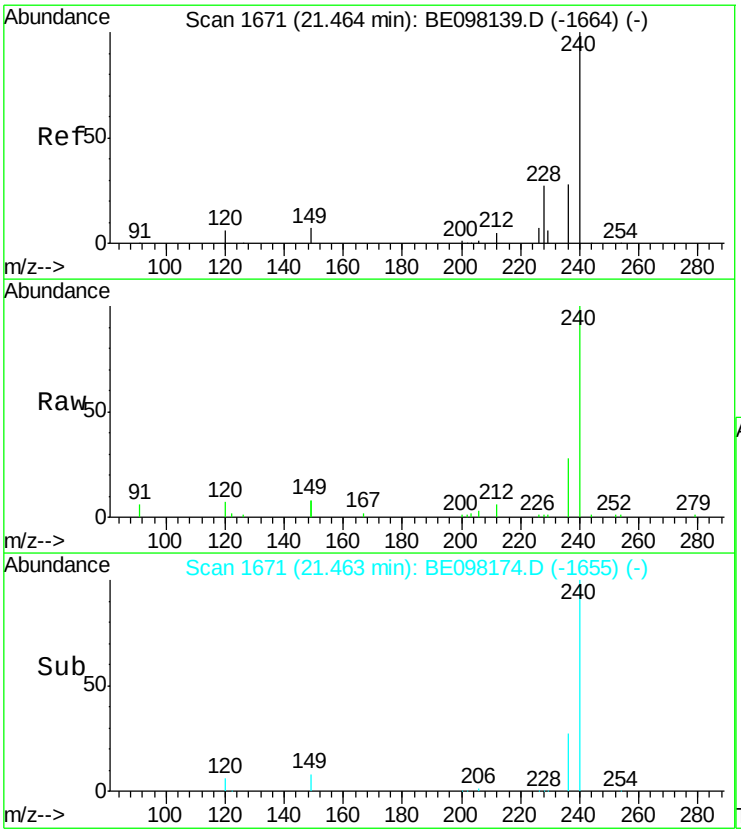
#25
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :
CPS083081

Tgt Ion:212 Resp: 41767

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

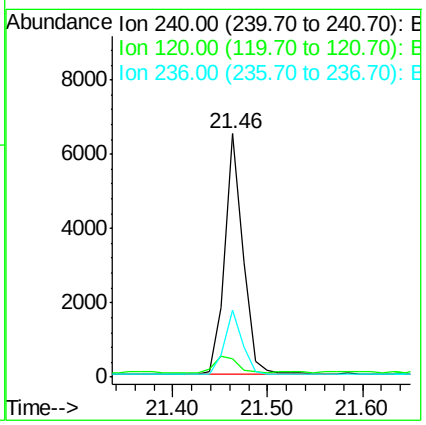


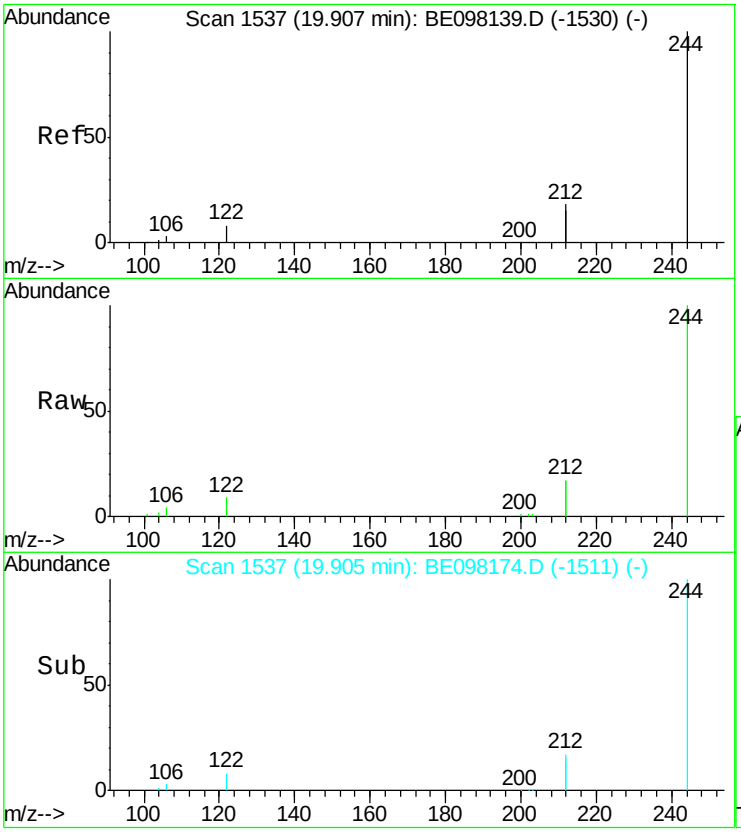


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:240 Resp: 8720

Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.1	10.7
236	27.7	21.3	31.9



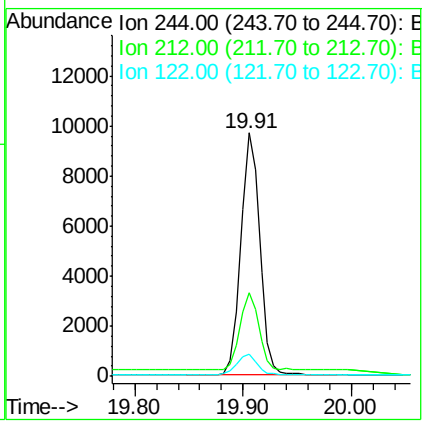


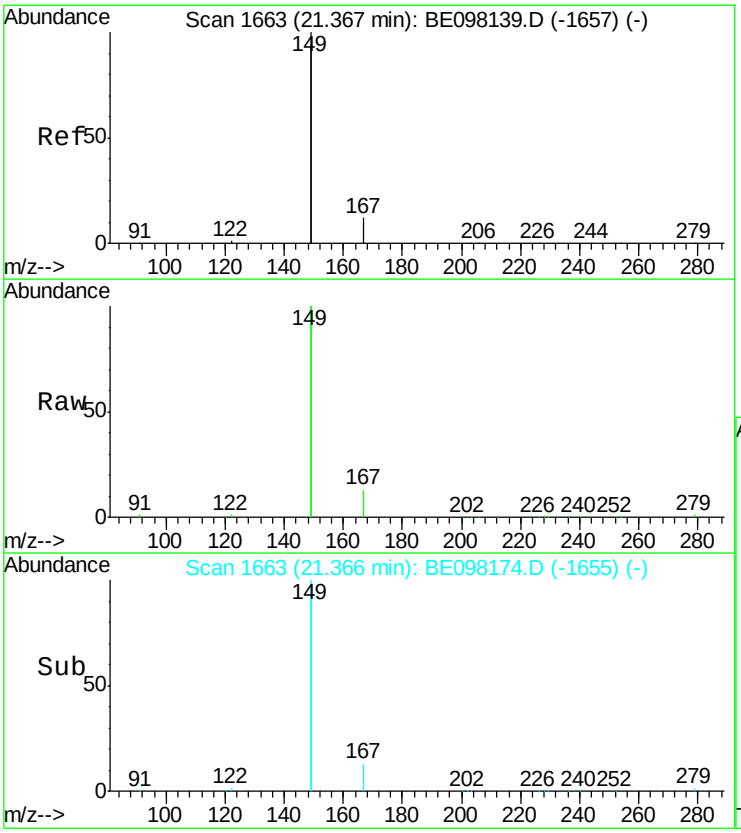
#29
Terphenyl-d14
Concen: 0.576 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :
CPS083081

Tgt Ion:244 Resp: 11680

Ion	Ratio	Lower	Upper
244	100		
212	34.5	26.2	39.2
122	8.9	7.7	11.5

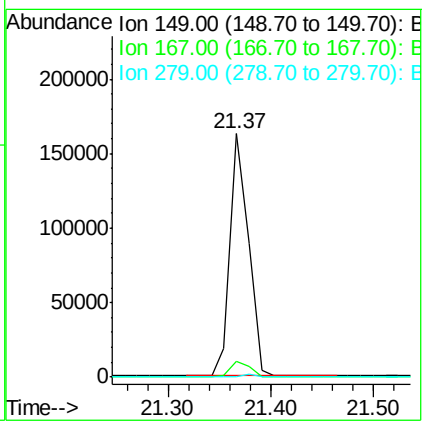


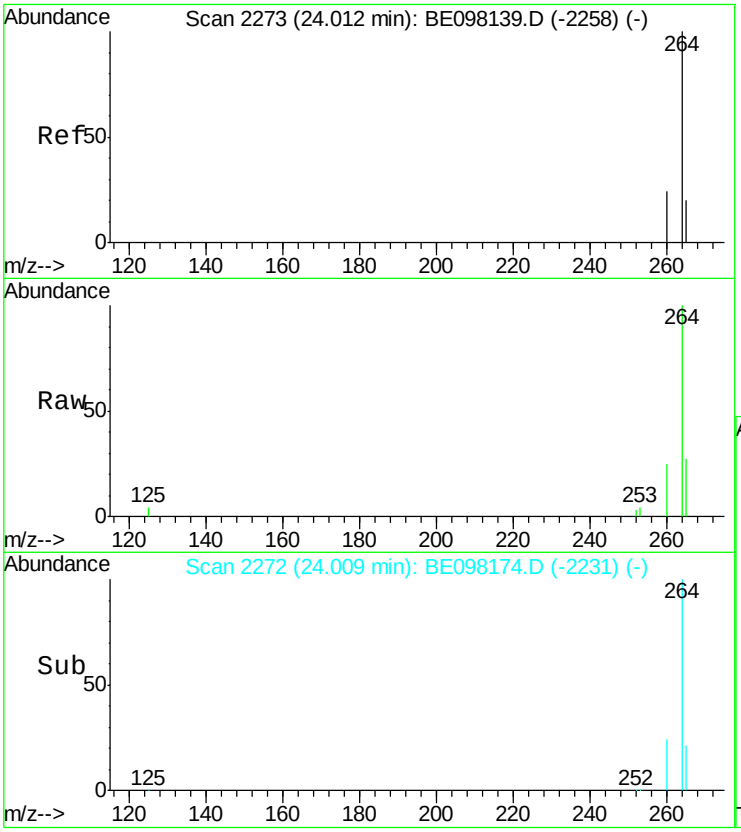


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.392 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:149 Resp: 198588

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.6	8.4
279	1.1	0.9	1.3





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :
CPS083081

Tgt Ion:264 Resp: 8461

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.1	31.7
265	26.9	29.2	43.8#