Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110518\
Data File : BE098159.D
Acq On : 5 Nov 2018 13:27
Operator : SJ/JU
Sample : J5780-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CPS07381

Quant Time: Nov 05 16:17:36 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	977	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4505	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3113	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7510	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8576	0.40	ng	0.00
34) Perylene-d12	24.01	264	8307	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	519	0.18	ng	0.00
5) Phenol-d6	7.05	99	515	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	1653	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3007	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	472	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	5908	0.46	ng	0.00
25) Fluoranthene-d10	19.31	212	36434	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	9122	0.46	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.94	266	139	0.232	ng	# 75
30) Benzo(a)anthracene	21.45	228	531	0.021	ng	# 78

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110518\
Data File : BE098159.D
Acq On : 5 Nov 2018 13:27
Operator : SJ/JU
Sample : J5780-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CPS07381

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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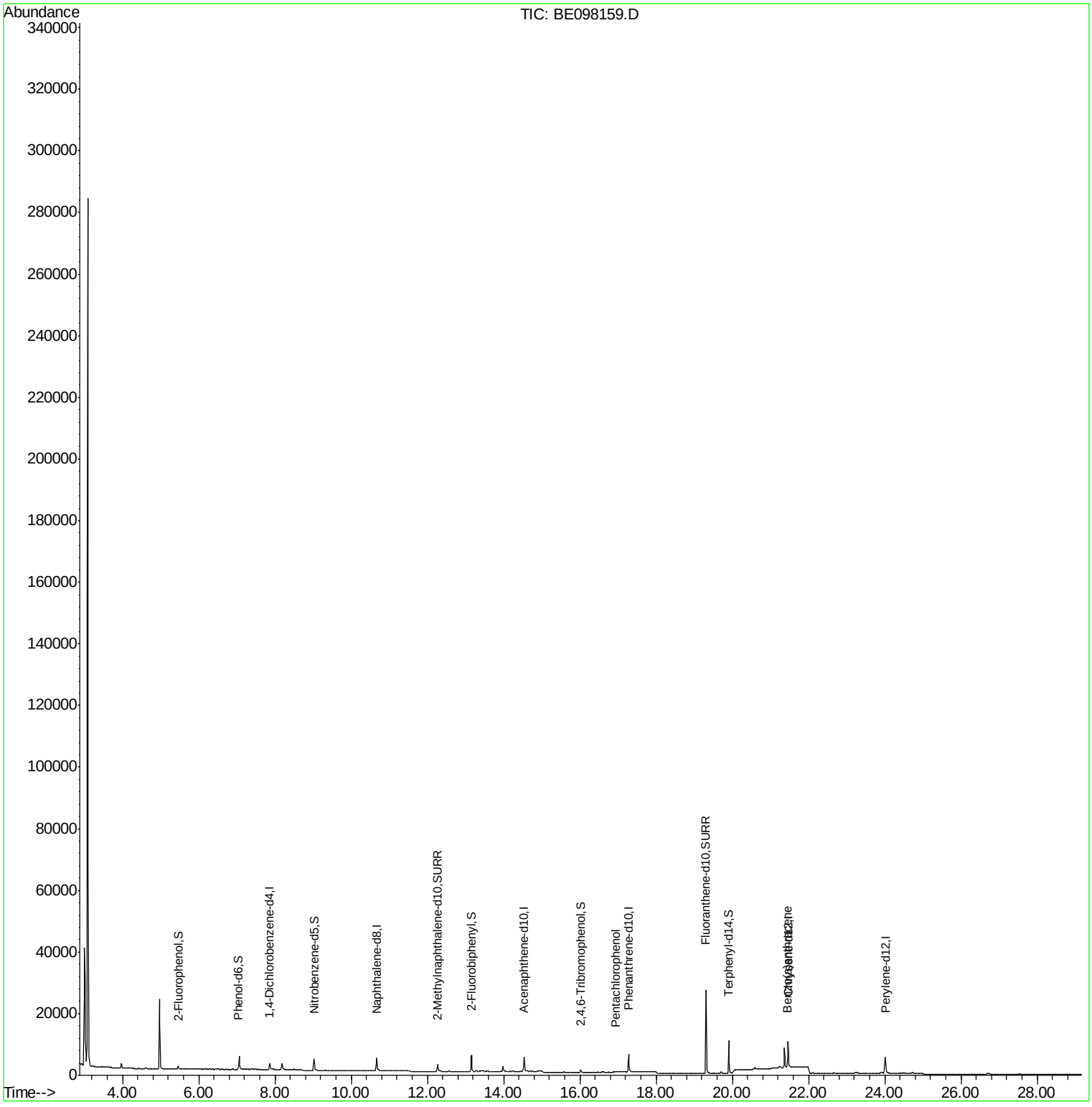
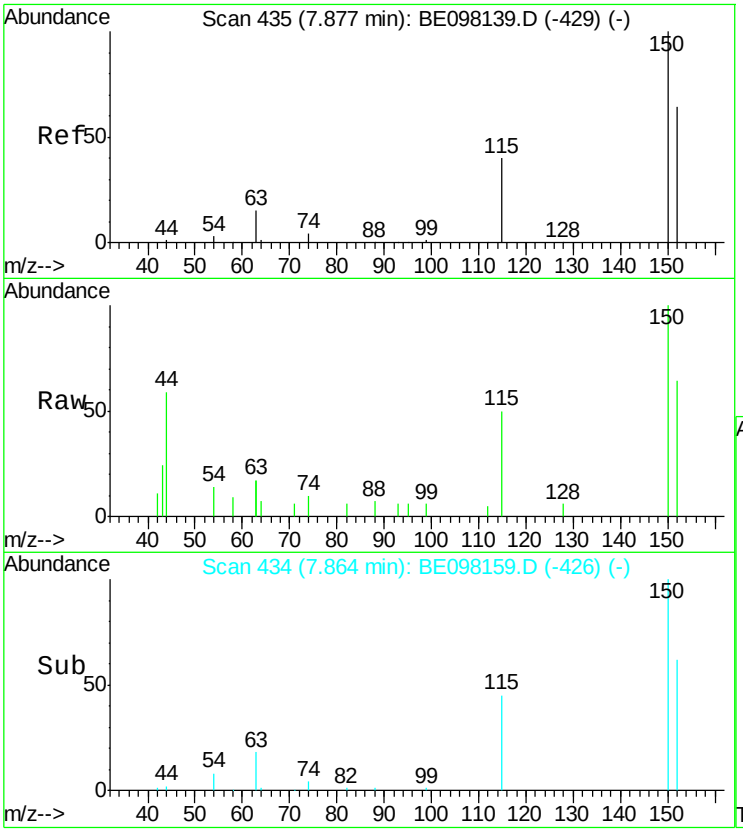


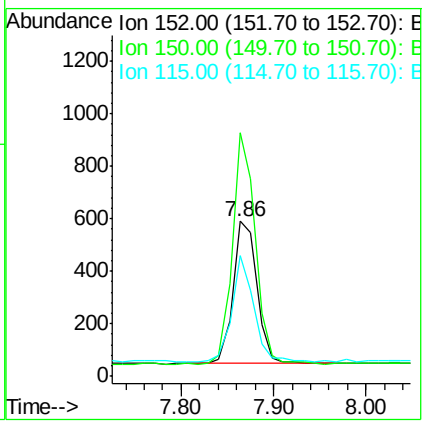


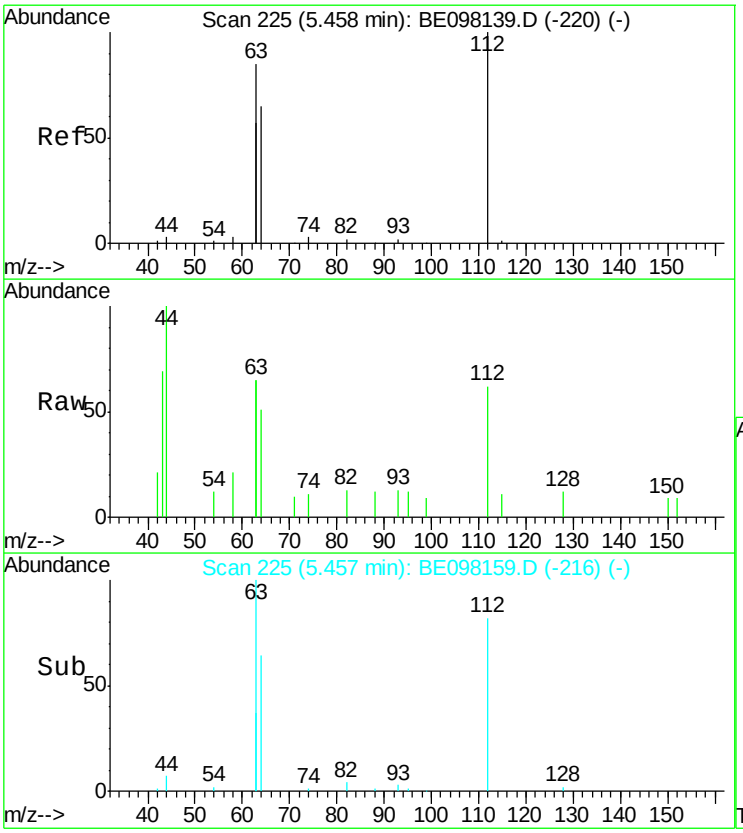
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Instrument :
BNA_E
ClientSampleId :
CPS07381

Tgt Ion:152 Resp: 977

Ion	Ratio	Lower	Upper
152	100		
150	156.9	118.2	177.4
115	77.7	50.9	76.3#

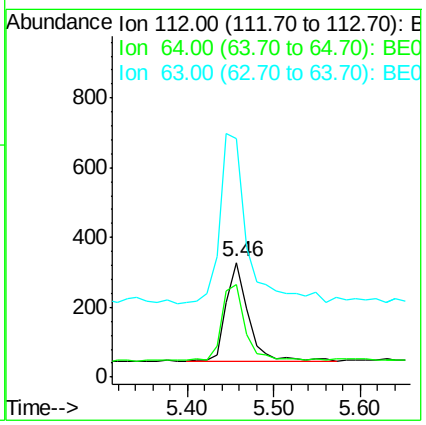


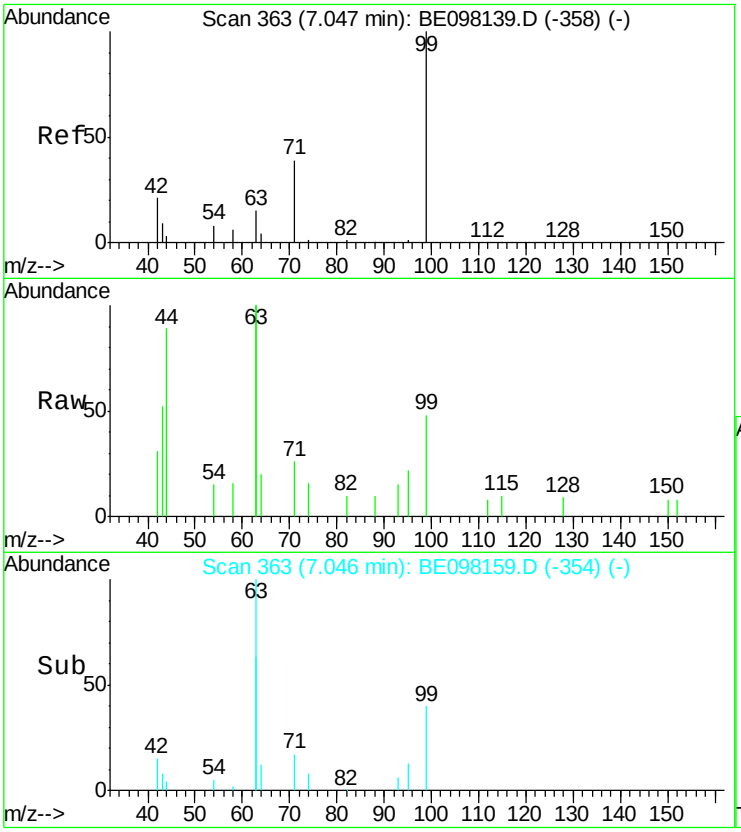


#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Tgt Ion:112 Resp: 519

Ion	Ratio	Lower	Upper
112	100		
64	81.5	58.9	88.3
63	214.1	120.3	180.5#



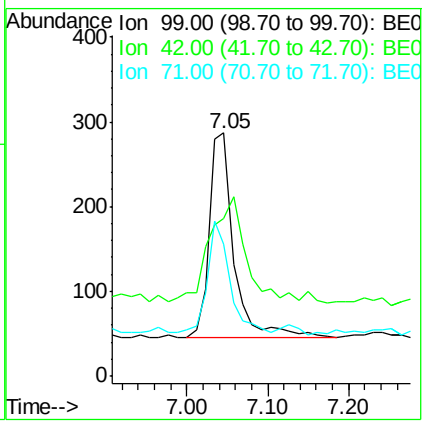


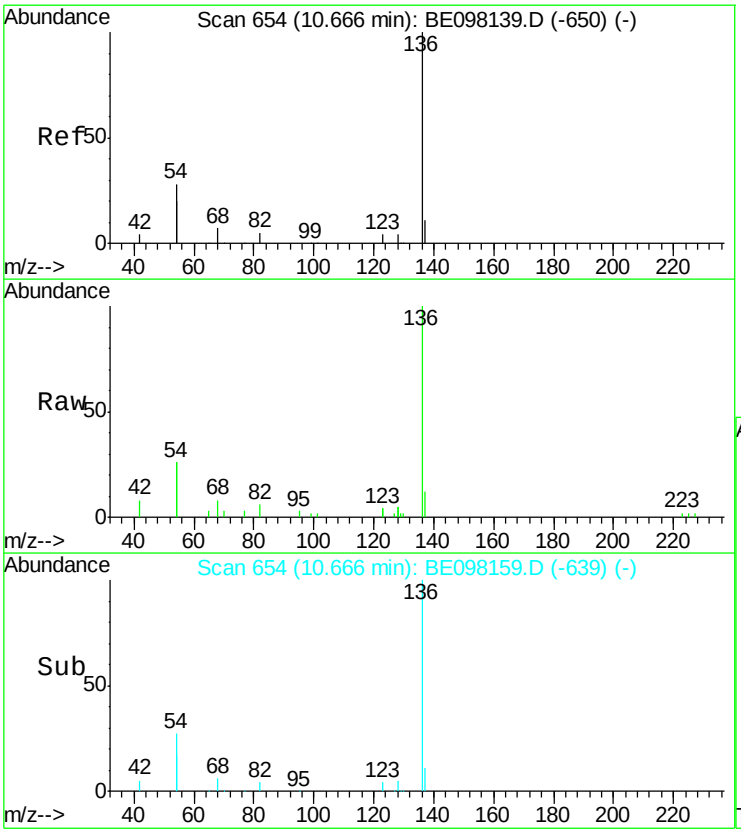
#5
Phenol-d6
Concen: 0.108 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Instrument :
BNA_E
ClientSampleId :
CPS07381

Tgt Ion: 99 Resp: 515

Ion	Ratio	Lower	Upper
99	100		
42	78.4	19.9	29.9#
71	0.0	27.8	41.8#

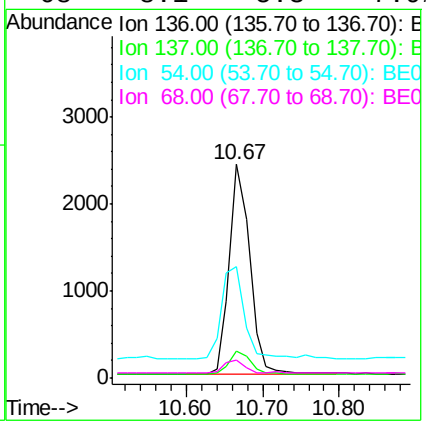


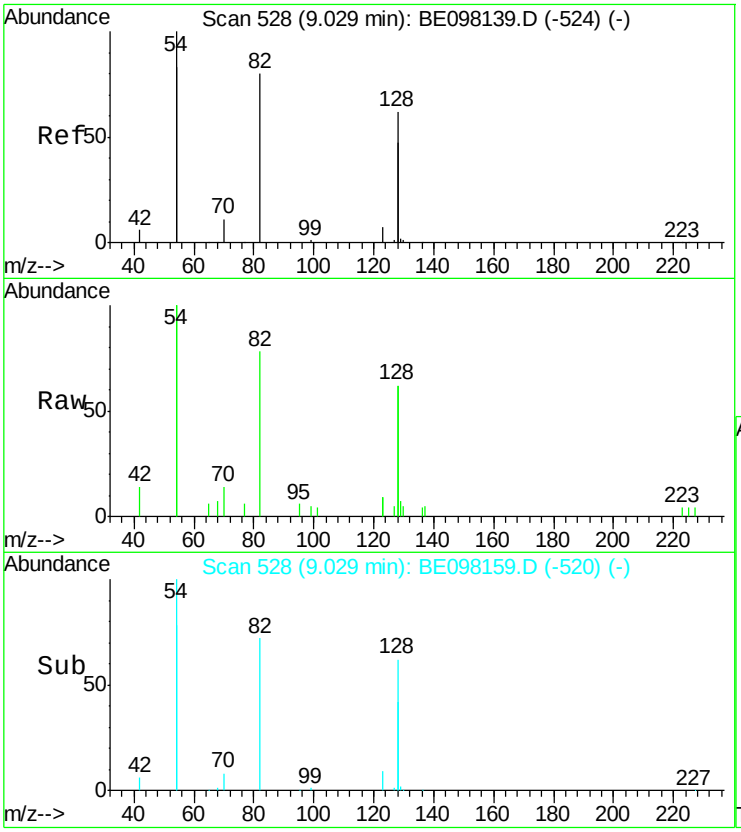


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Tgt Ion:136 Resp: 4505

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	52.3	27.7	41.5#
68	8.1	5.3	7.9#



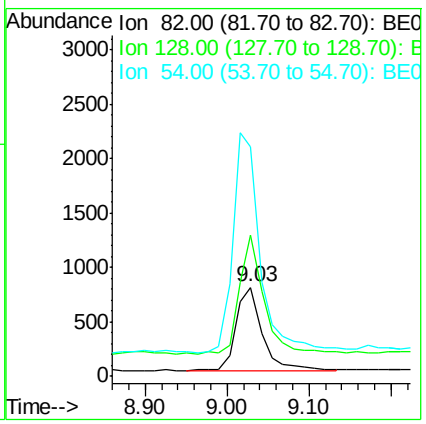


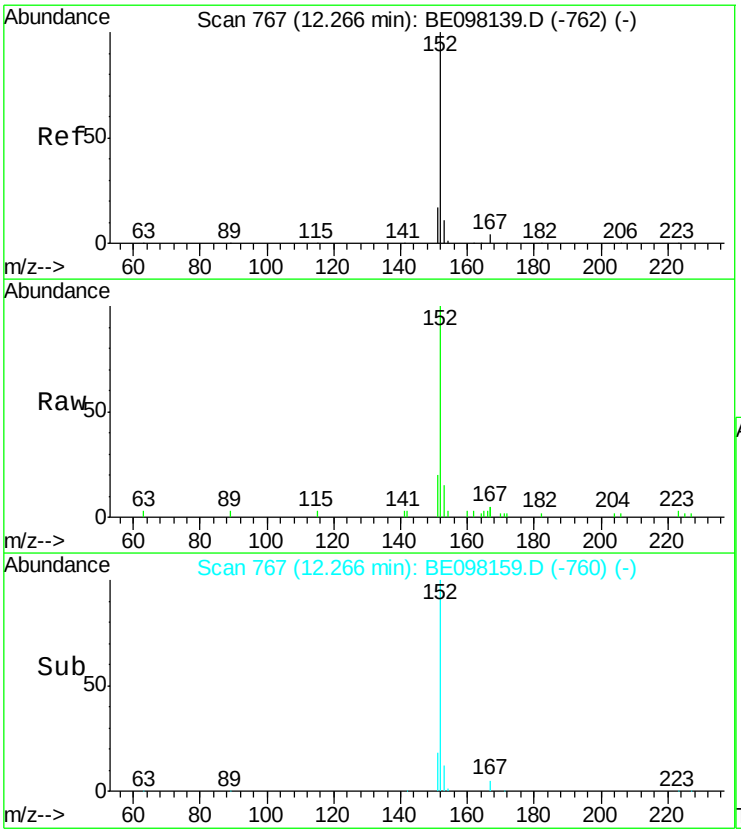
#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Instrument :
BNA_E
ClientSampleId :
CPS07381

Tgt Ion: 82 Resp: 1653

Ion	Ratio	Lower	Upper
82	100		
128	158.7	129.9	194.9
54	256.9	174.0	261.0

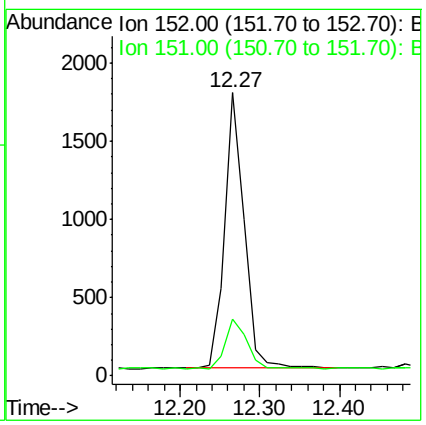


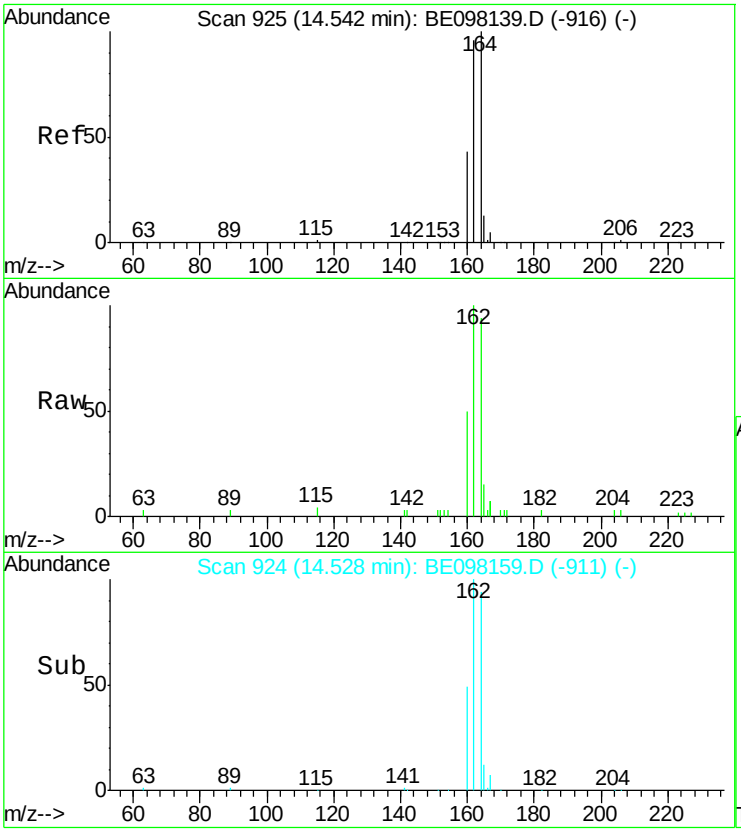


#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Tgt Ion:152 Resp: 3007

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4



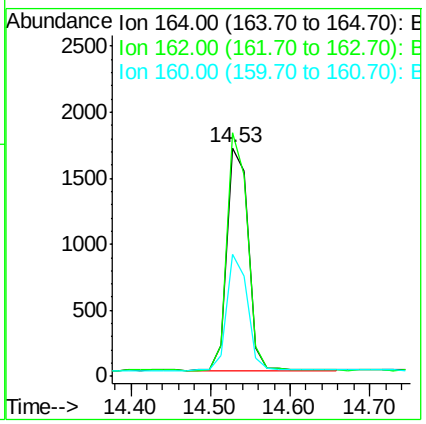


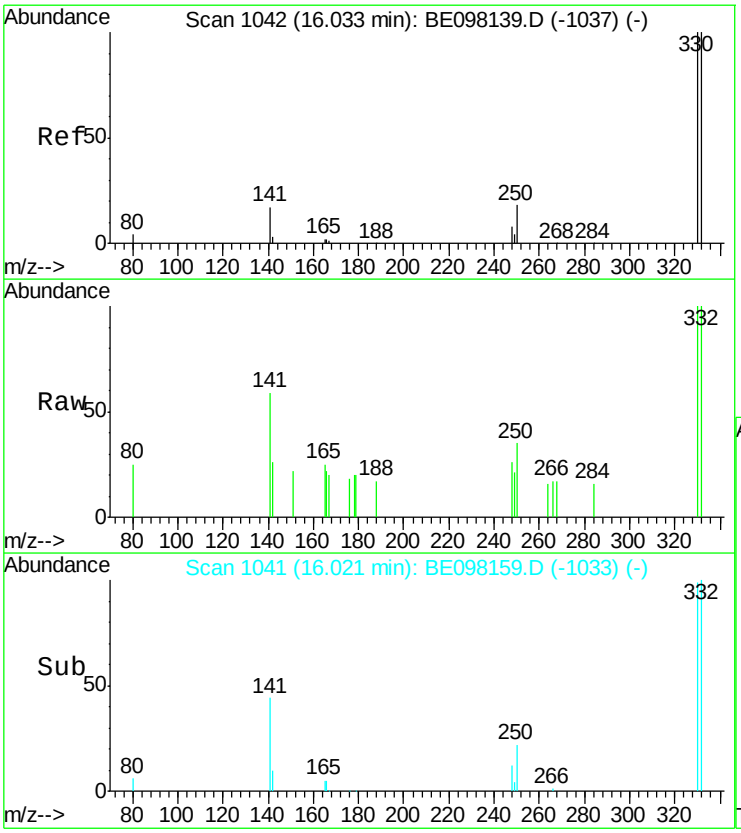
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Instrument :
BNA_E
ClientSampleId :
CPS07381

Tgt Ion:164 Resp: 3113

Ion	Ratio	Lower	Upper
164	100		
162	106.4	77.4	116.2
160	53.1	36.5	54.7

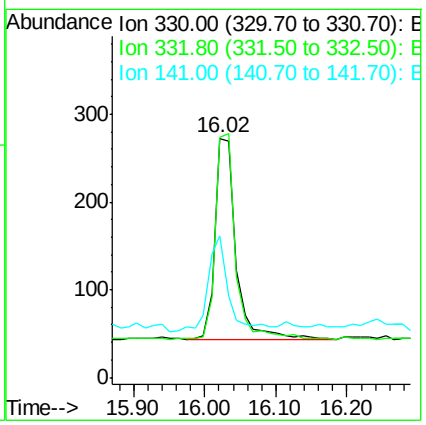


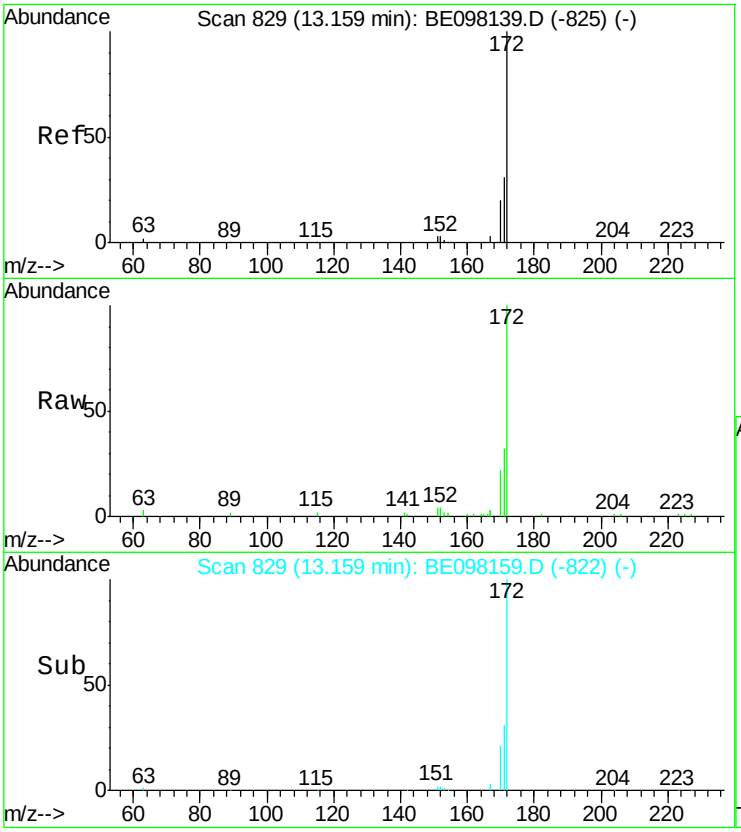


#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Tgt Ion:330 Resp: 472

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.5	114.7
141	42.6	31.8	47.6



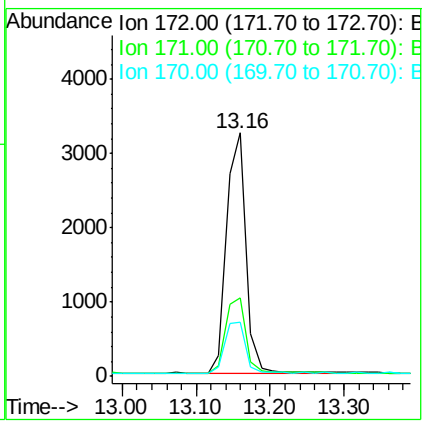


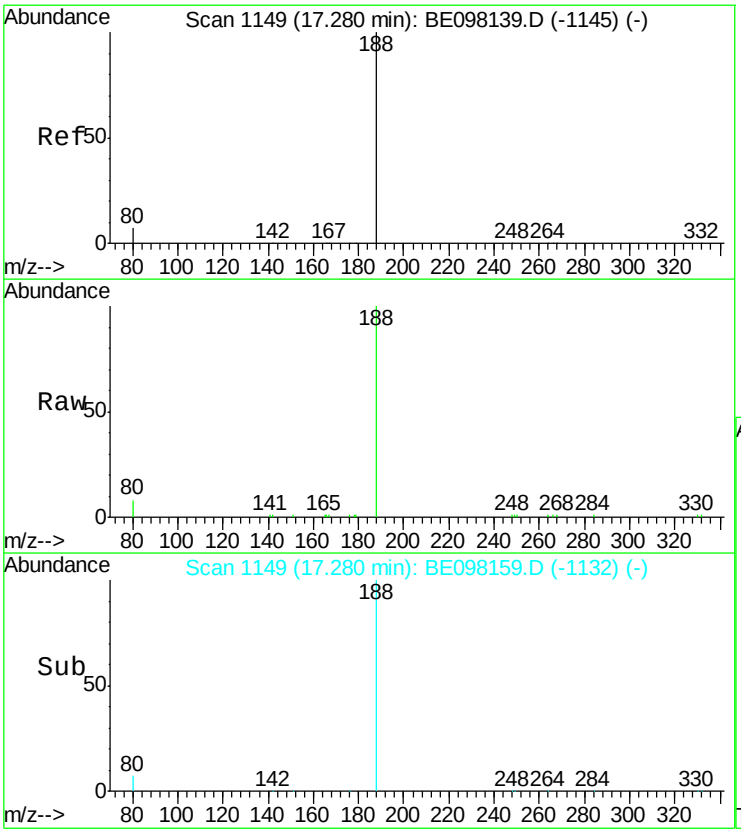
#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Instrument :
BNA_E
ClientSampleId :
CPS07381

Tgt Ion:172 Resp: 5908

Ion	Ratio	Lower	Upper
172	100		
171	32.4	26.0	39.0
170	22.3	18.0	27.0

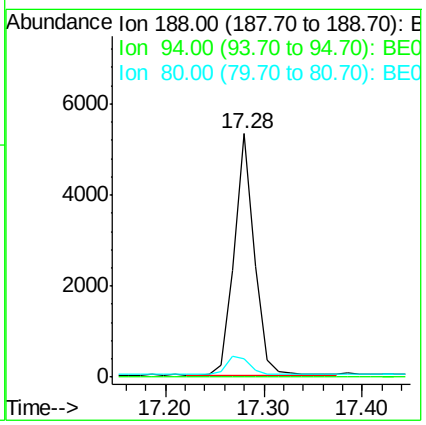


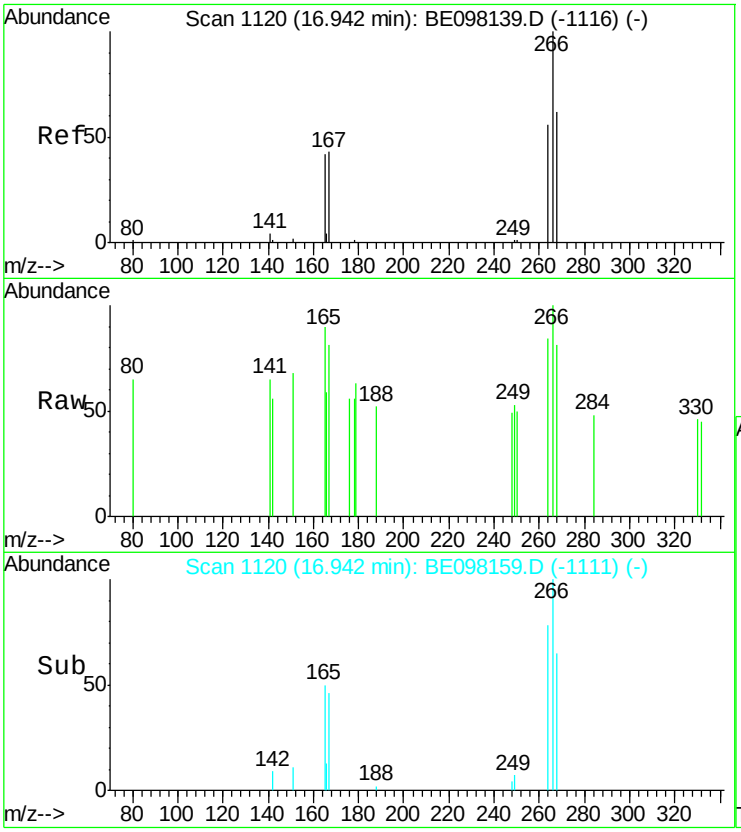


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Tgt Ion:188 Resp: 7510

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.3	9.5



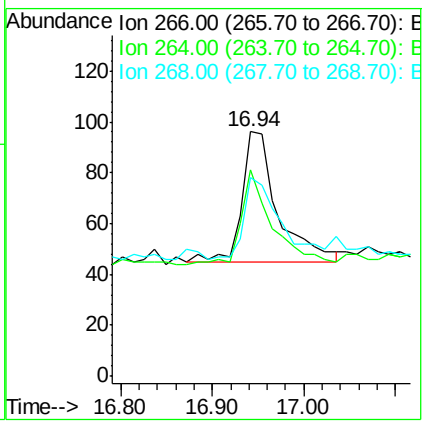


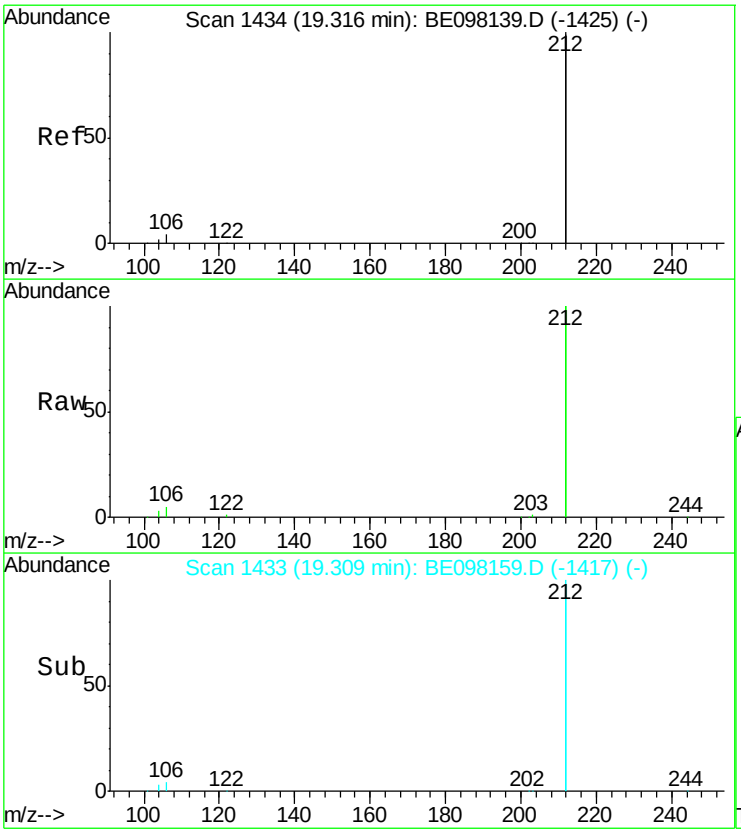
#22
Pentachlorophenol
Concen: 0.232 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Instrument :
BNA_E
ClientSampleId :
CPS07381

Tgt Ion:266 Resp: 139

Ion	Ratio	Lower	Upper
266	100		
264	84.4	51.3	76.9#
268	81.3	50.1	75.1#

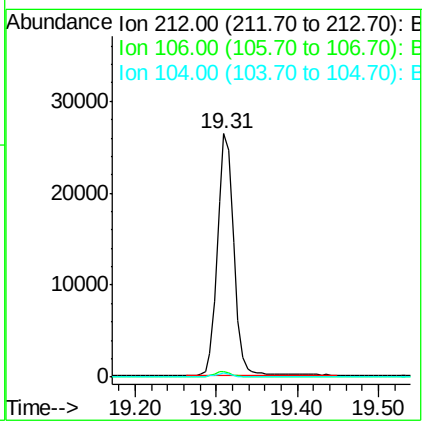


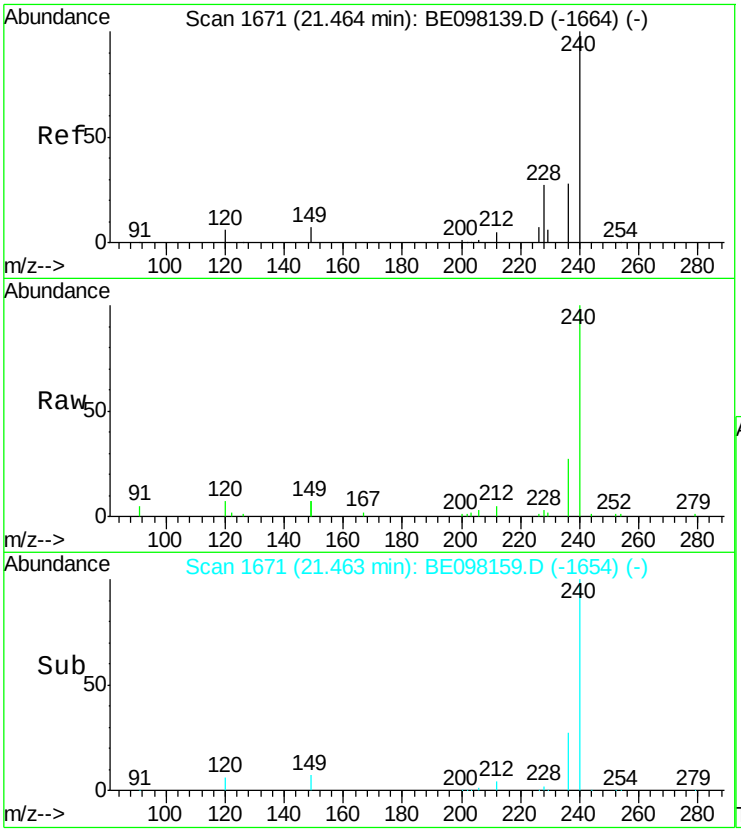


#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Tgt Ion:212 Resp: 36434

Ion	Ratio	Lower	Upper
212	100		
106	2.0	2.3	3.5#
104	1.2	1.3	1.9#



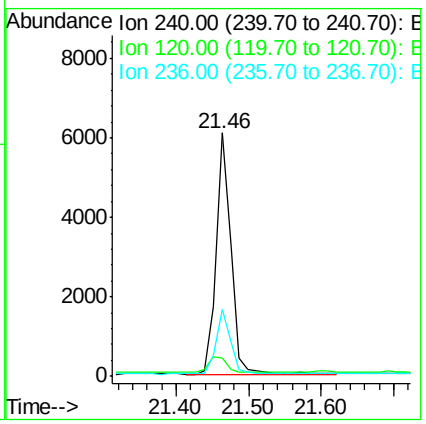


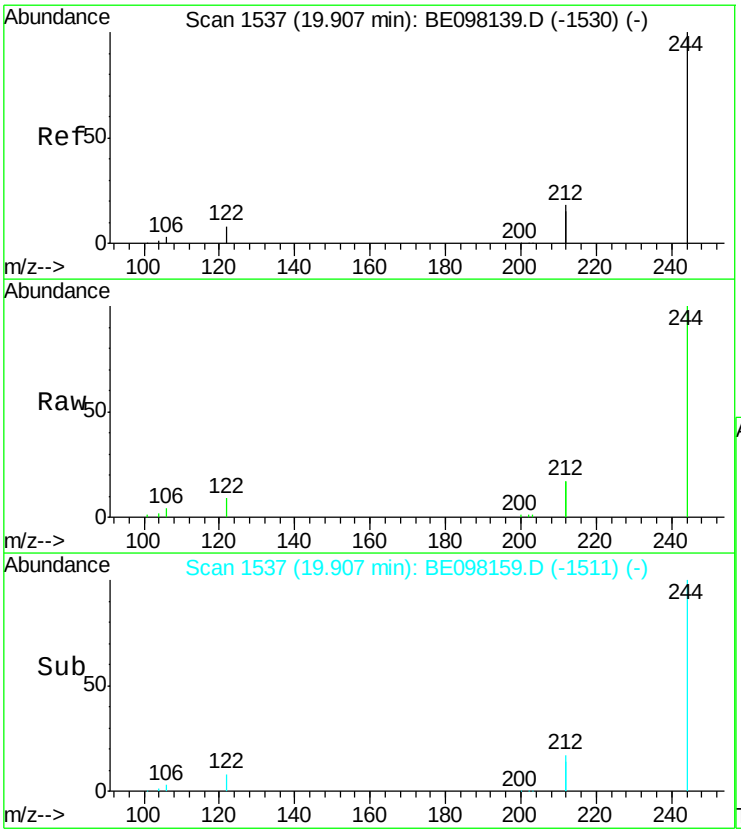
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Instrument :
BNA_E
ClientSampleId :
CPS07381

Tgt Ion:240 Resp: 8576

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.1	10.7
236	27.4	21.3	31.9

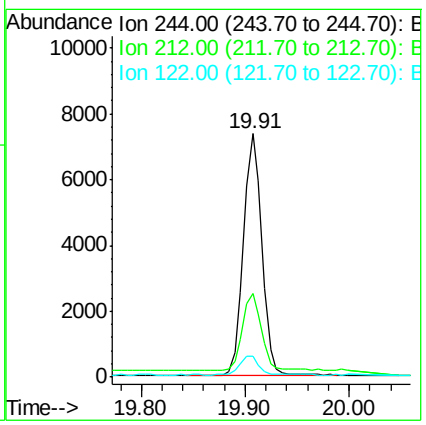


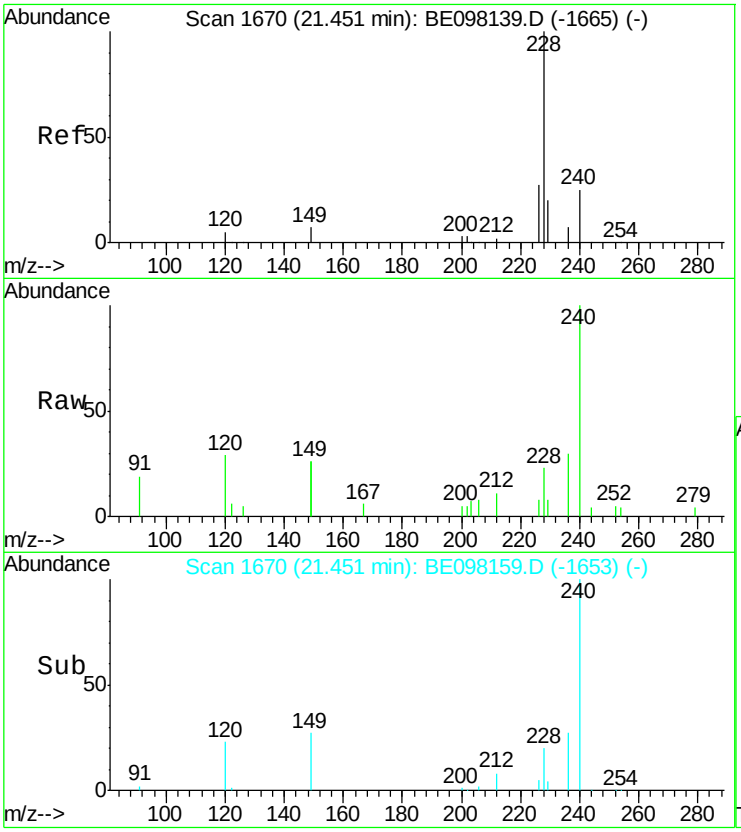


#29
Terphenyl-d14
Concen: 0.457 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Tgt Ion:244 Resp: 9122

Ion	Ratio	Lower	Upper
244	100		
212	34.2	26.2	39.2
122	8.6	7.7	11.5



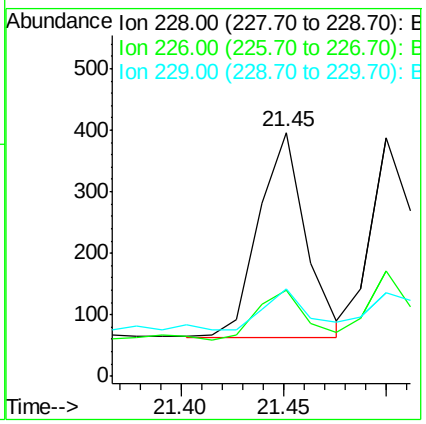


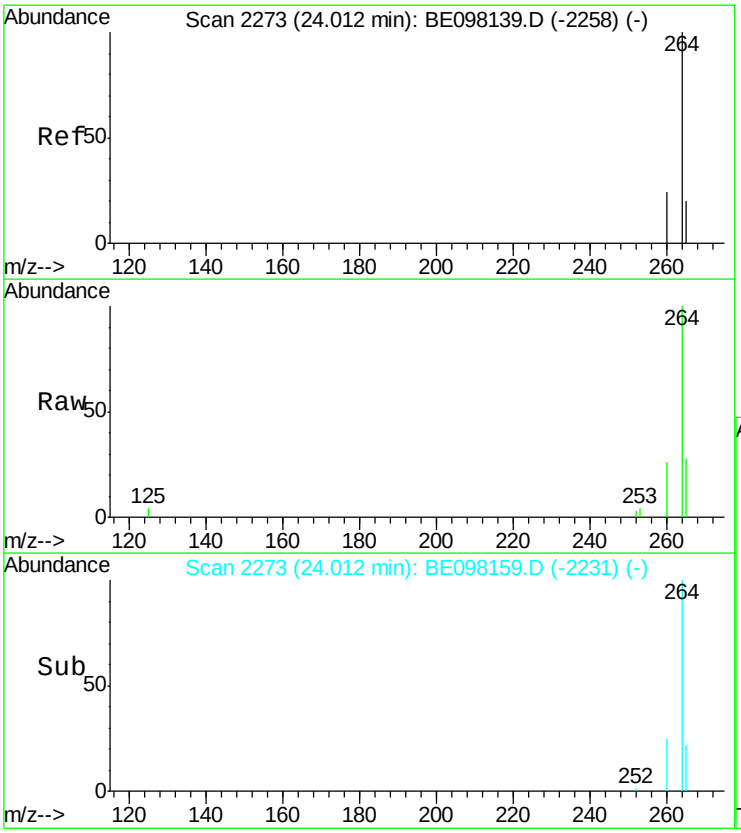
#30
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Instrument :
BNA_E
ClientSampleId :
CPS07381

Tgt Ion:228 Resp: 531

Ion	Ratio	Lower	Upper
228	100		
226	35.6	22.6	33.8#
229	36.1	16.9	25.3#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098159.D
Acq: 5 Nov 2018 13:27

Tgt Ion:264 Resp: 8307

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.1	31.7
265	28.0	29.2	43.8#