Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
Data File : BE100609.D
Acq On : 8 Oct 2019 15:26
Operator : JU
Sample : K5109-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 09 01:45:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:42:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3962	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	19422	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	11786	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	26284	0.40	ng	0.00
27) Chrysene-d12	21.33	240	32607	0.40	ng	0.00
34) Perylene-d12	23.78	264	37502	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3091	0.29	ng	0.00
5) Phenol-d6	6.98	99	3080	0.23	ng	-0.01
8) Nitrobenzene-d5	8.96	82	4699	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10613	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	15.93	330	1428	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14616	0.34	ng	0.00
25) Fluoranthene-d10	19.20	212	134301	0.41	ng	0.00
29) Terphenyl-d14	19.79	244	31895	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	2217550	332.310	ng	# 86
17) Acenaphthene	14.51	154	896	0.027	ng	95
22) Pentachlorophenol	16.83	266	47	0.347	ng	# 76
23) Phenanthrene	17.21	178	1647	0.022	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.26	149	48344	0.278	ng	100

(#) = 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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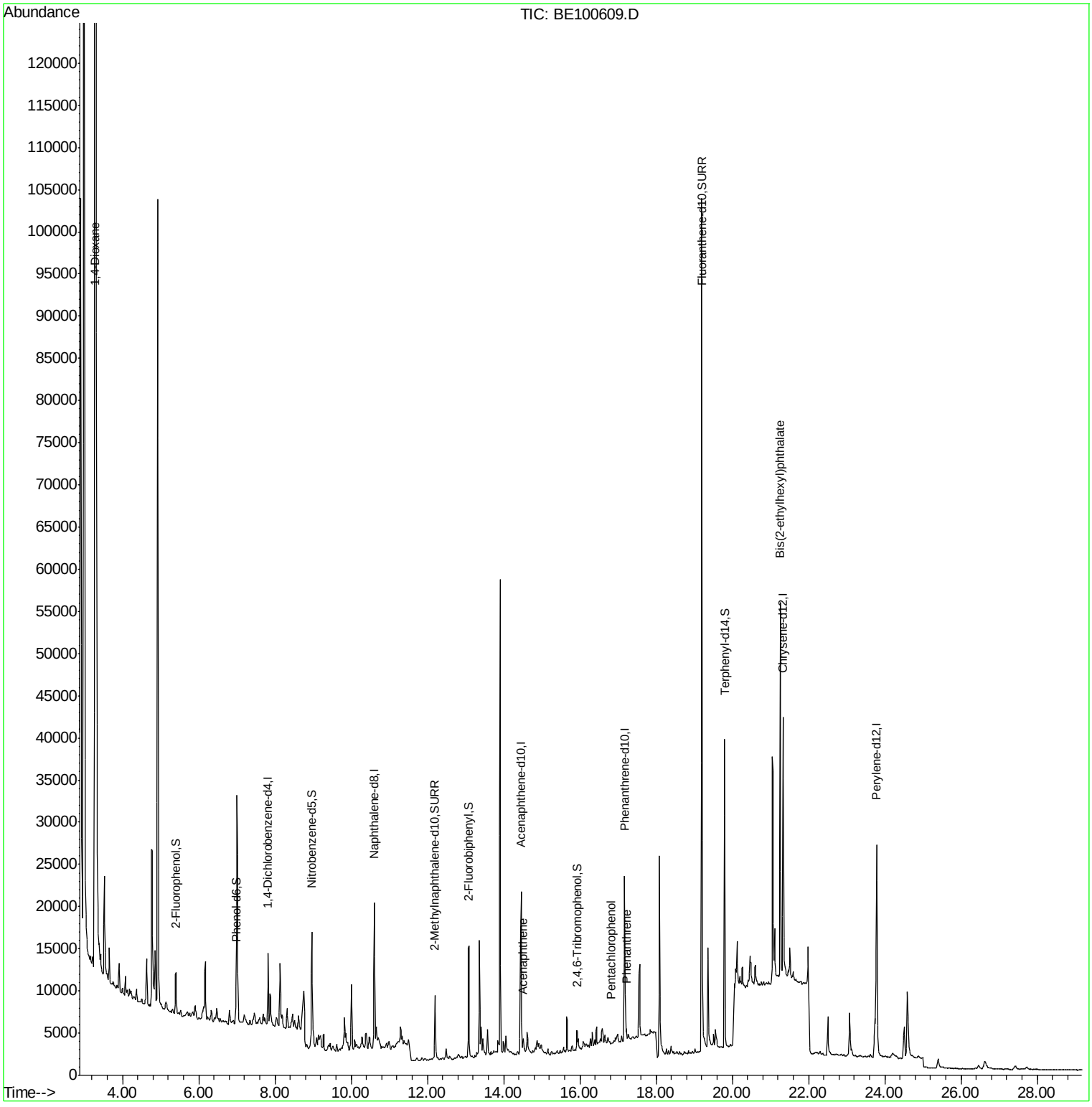
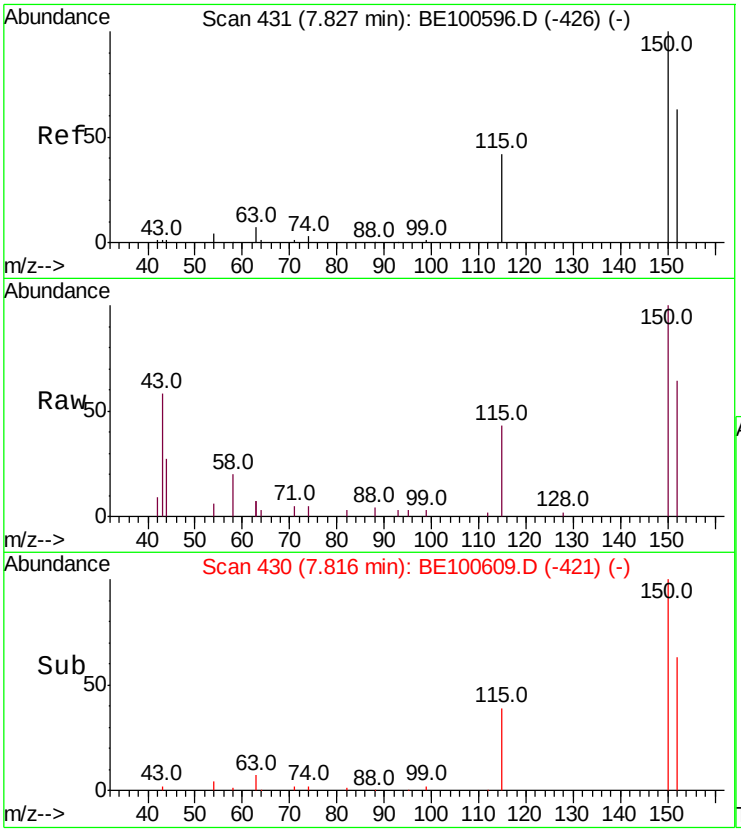


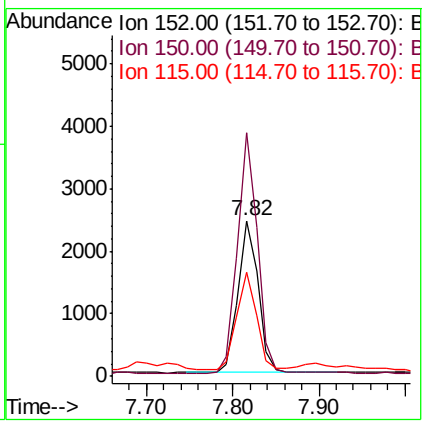


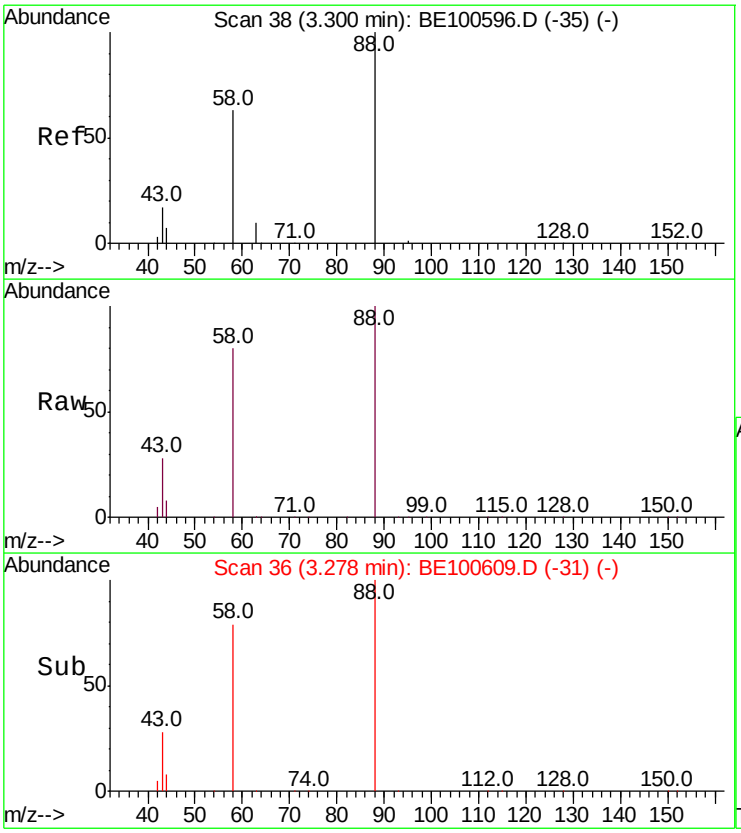
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3962

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.5	189.7
115	67.0	54.6	81.8

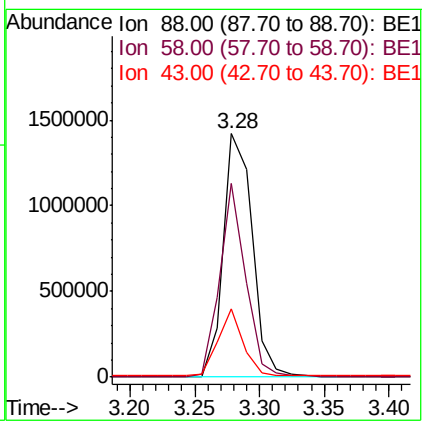


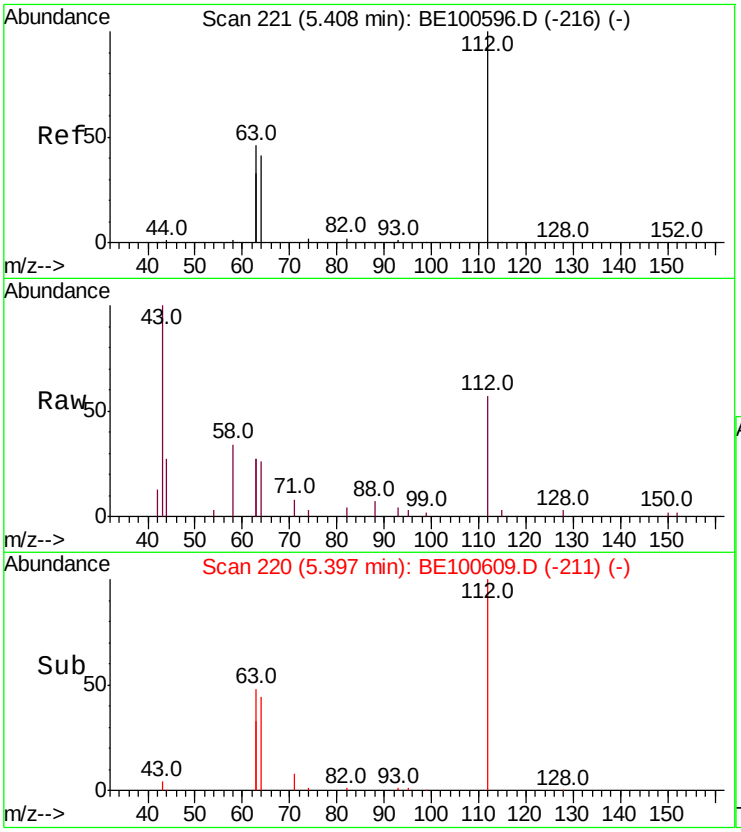


#2
1,4-Dioxane
Concen: 332.310 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion: 88 Resp: 2217550

Ion	Ratio	Lower	Upper
88	100		
58	70.7	48.1	72.1
43	24.0	14.4	21.6#



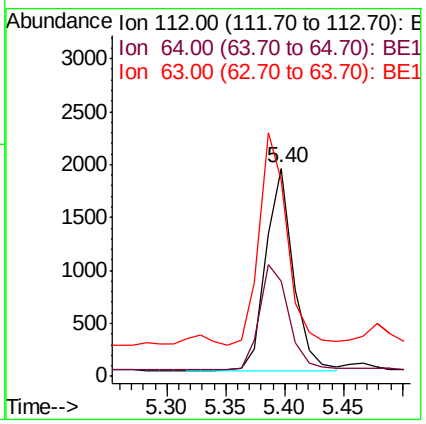


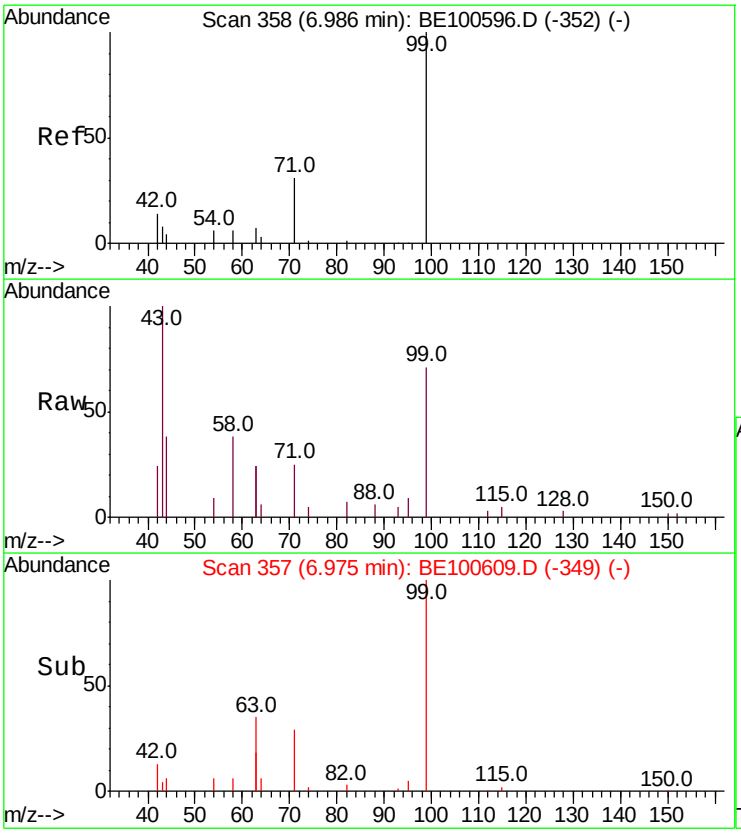
#4
2-Fluorophenol
Concen: 0.289 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 3091

Ion	Ratio	Lower	Upper
112	100		
64	55.0	43.7	65.5
63	107.8	84.5	126.7

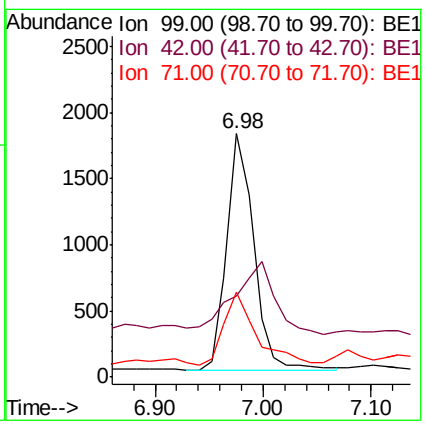


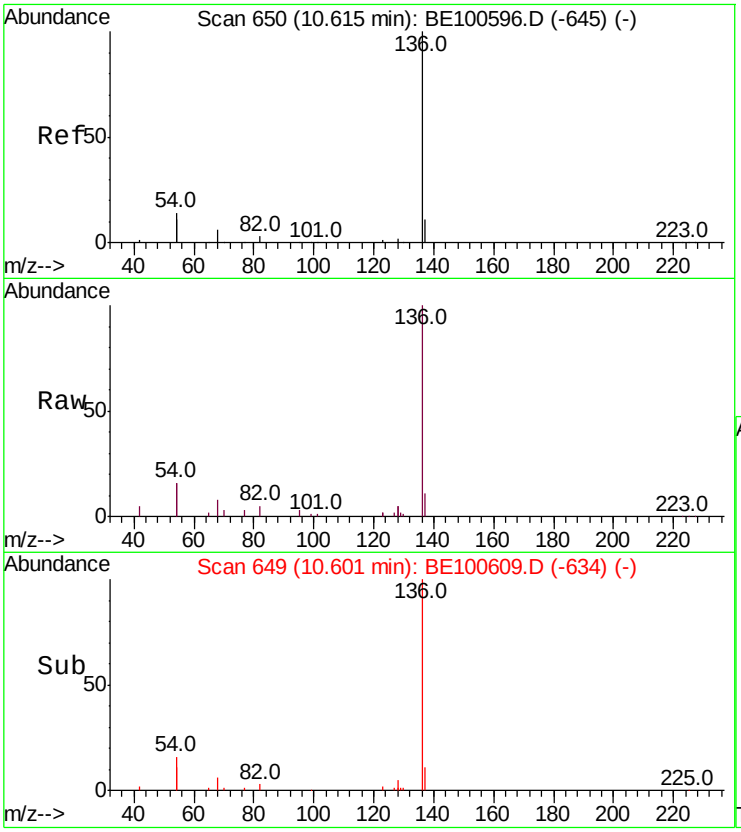


#5
Phenol-d6
Concen: 0.229 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion: 99 Resp: 3080

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.7	17.5#
71	37.0	23.0	34.4#



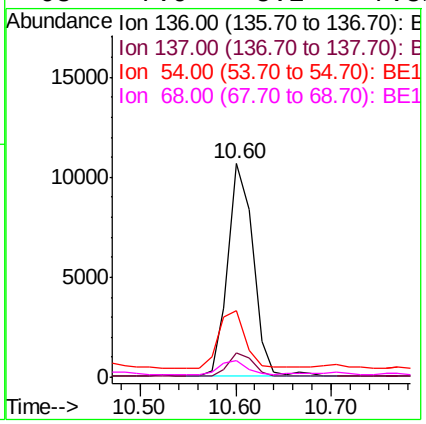


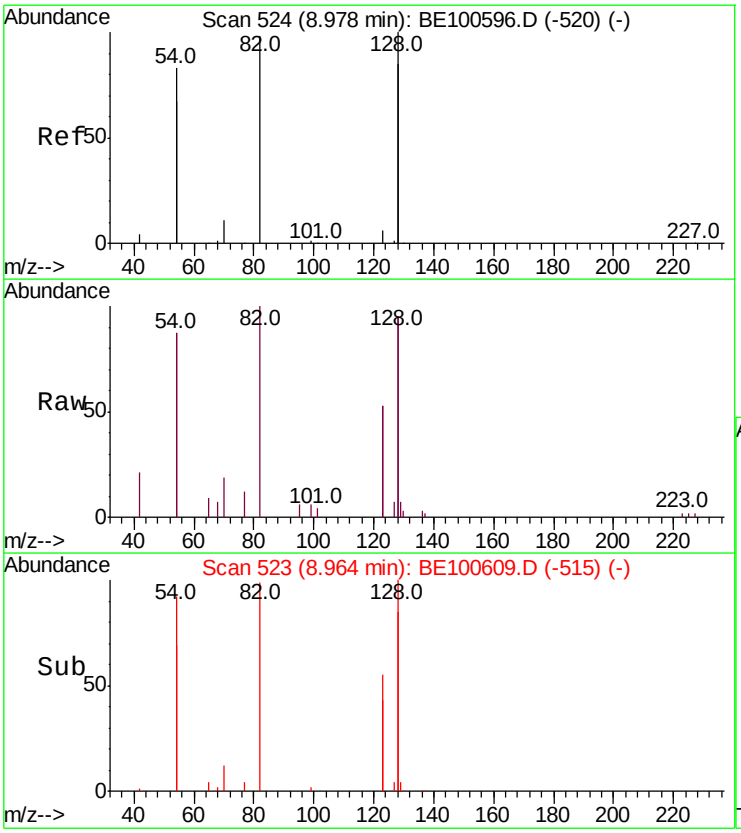
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 19422

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	31.2	22.4	33.6
68	7.9	5.2	7.8#

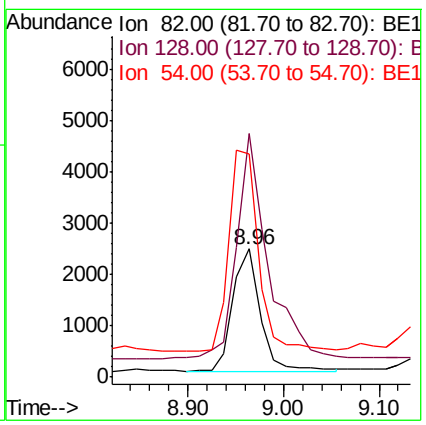


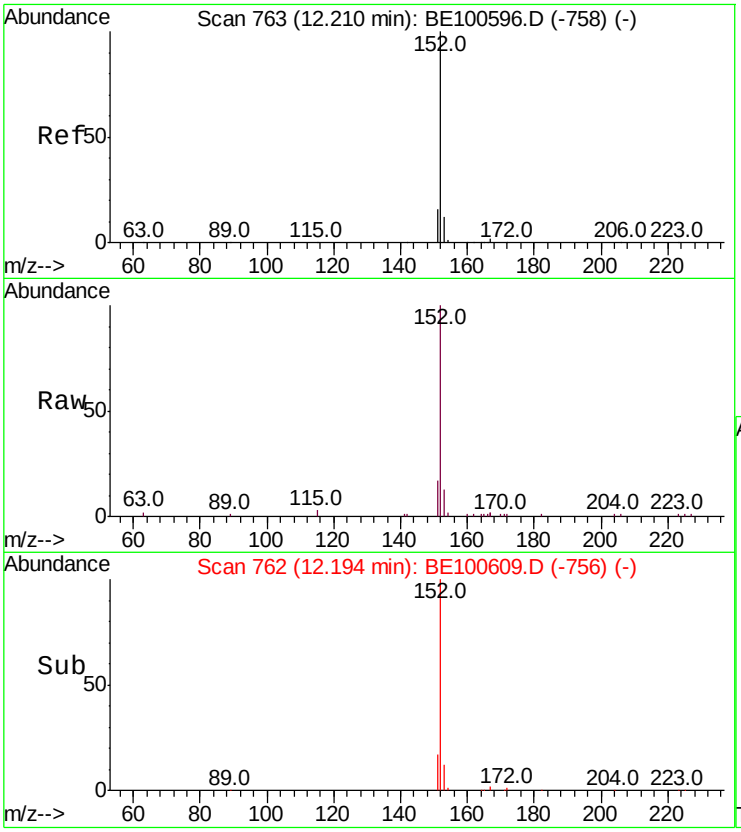


#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion: 82 Resp: 4699

Ion	Ratio	Lower	Upper
82	100		
128	189.9	154.7	232.1
54	173.8	128.5	192.7



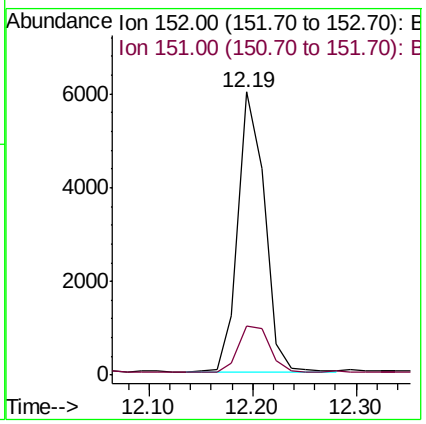


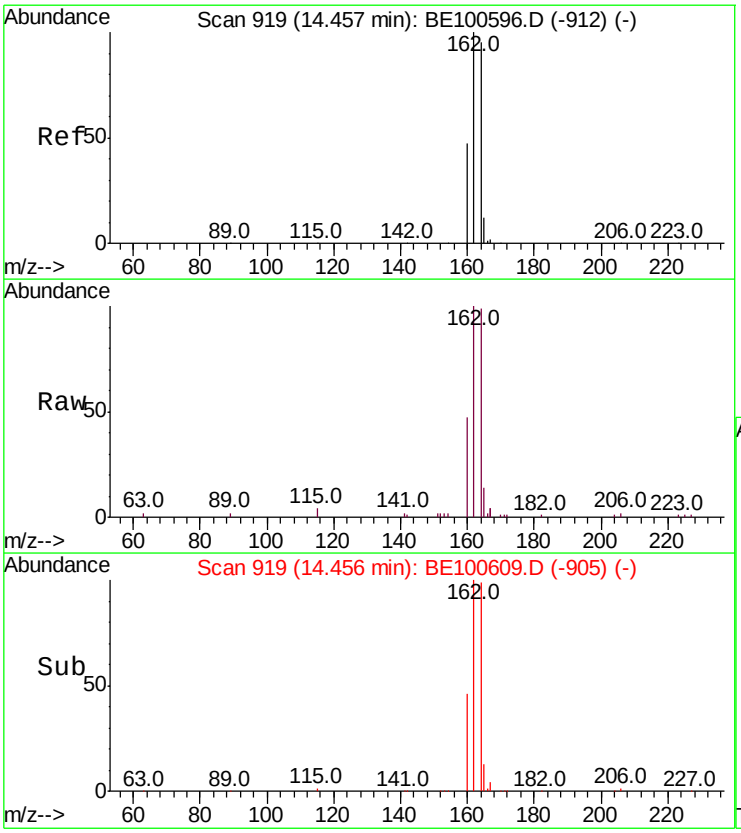
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.02 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10613

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.2	22.8

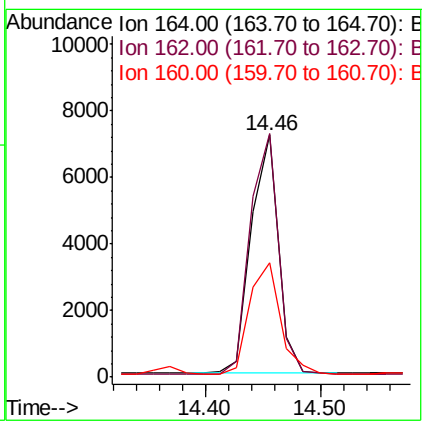


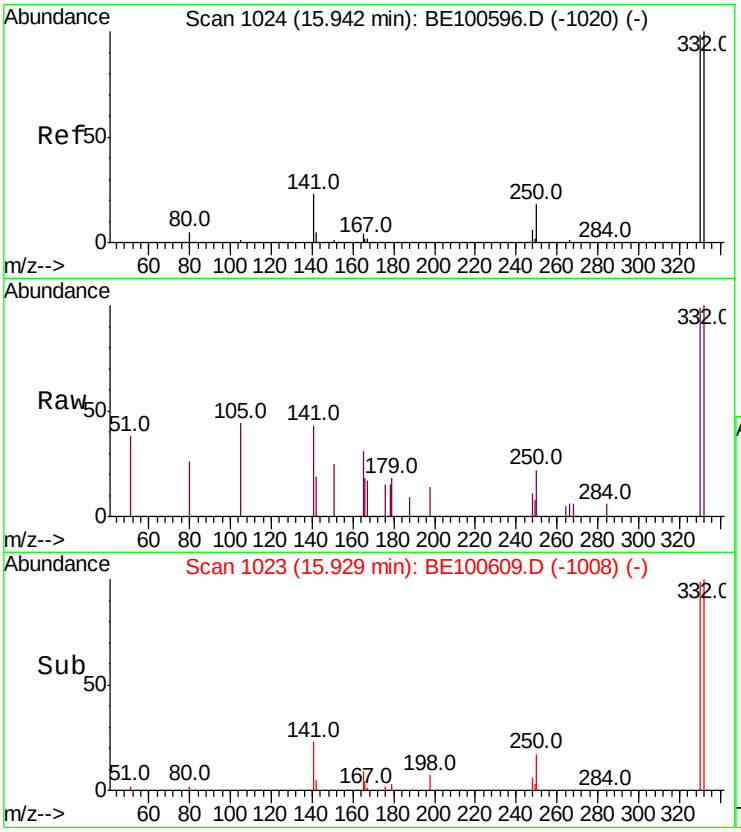


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion:164 Resp: 11786

Ion	Ratio	Lower	Upper
164	100		
162	100.5	84.2	126.4
160	47.3	40.2	60.4



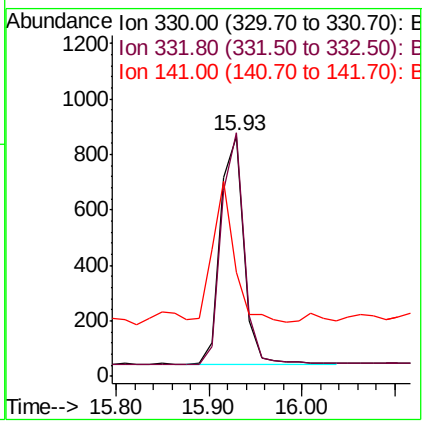


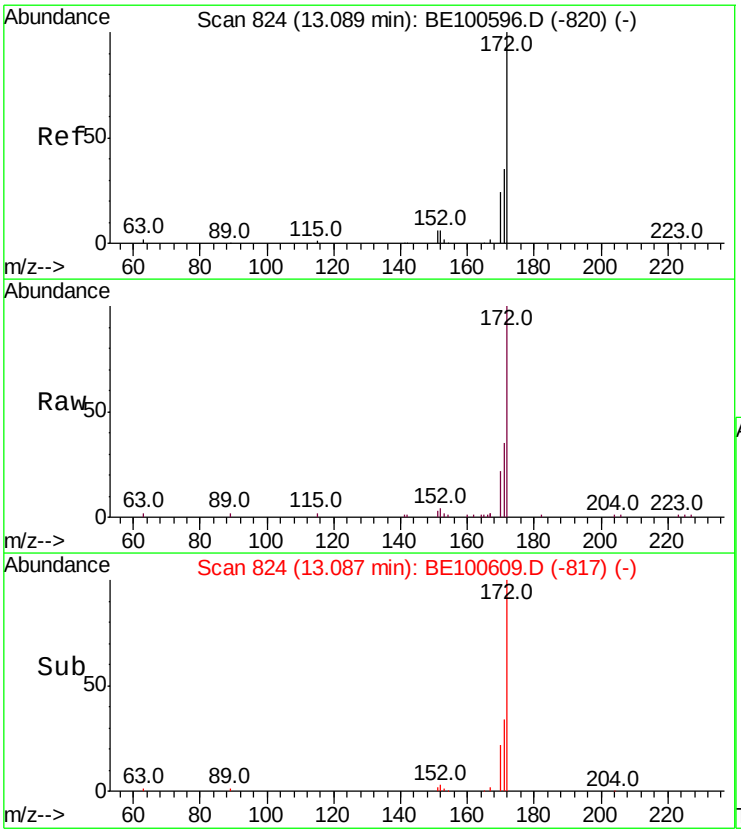
#14
2,4,6-Tribromophenol
Concen: 0.530 ng
RT: 15.93 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 1428

Ion	Ratio	Lower	Upper
330	100		
332	99.6	78.5	117.7
141	57.8	39.4	59.0

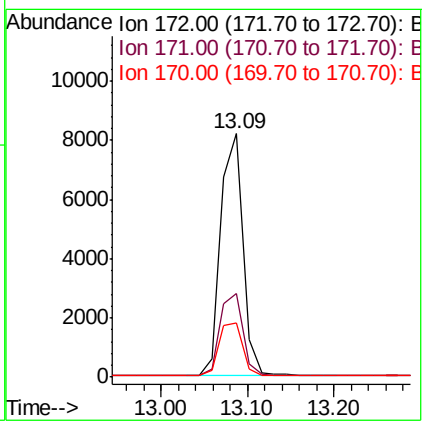


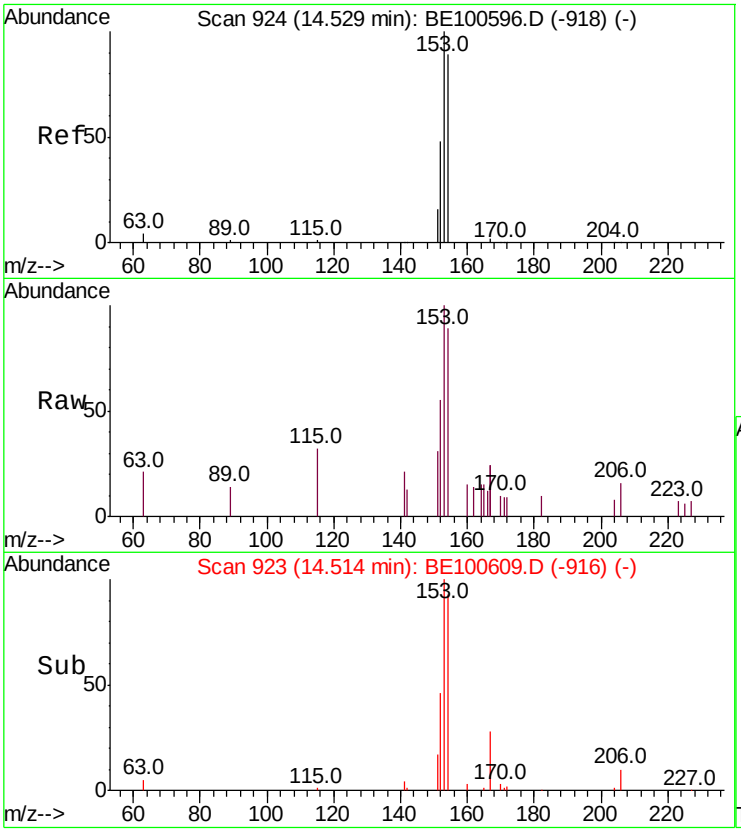


#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion:172 Resp: 14616

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	22.5	19.8	29.8



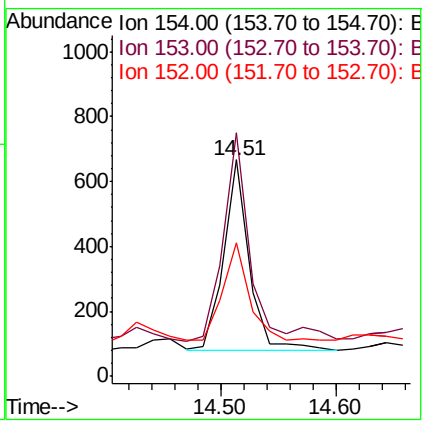


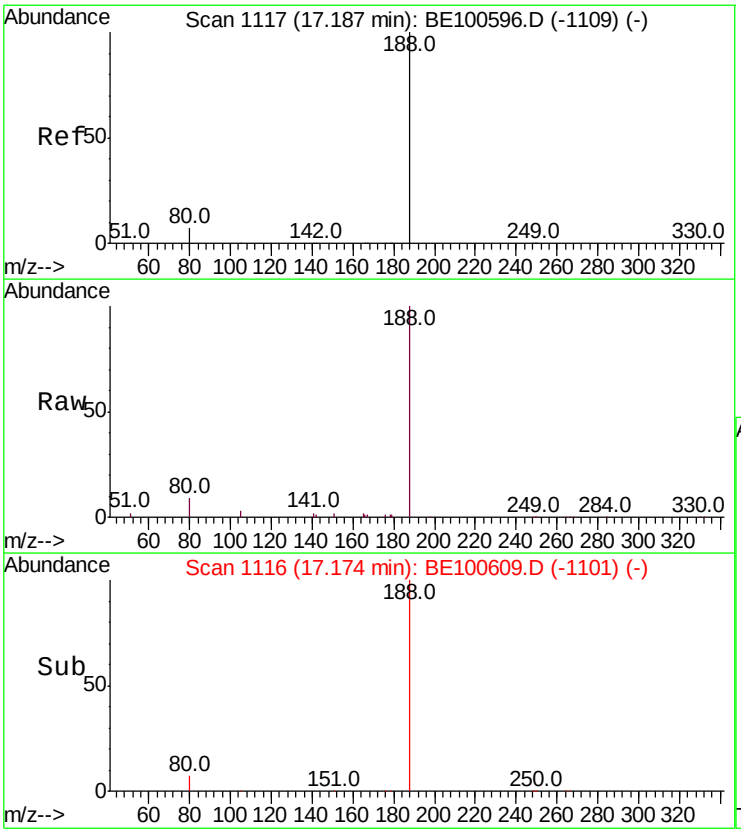
#17
Acenaphthene
Concen: 0.027 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 896

Ion	Ratio	Lower	Upper
154	100		
153	119.0	92.3	138.5
152	51.7	46.2	69.2

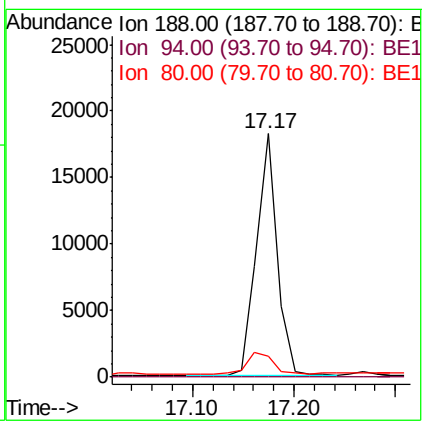


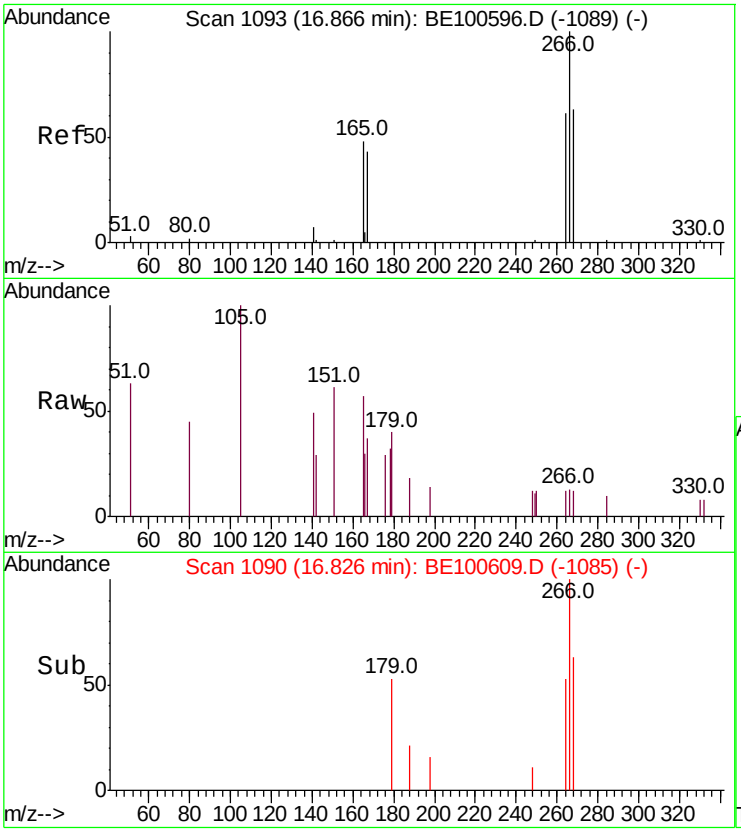


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion:188 Resp: 26284

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.2	9.2



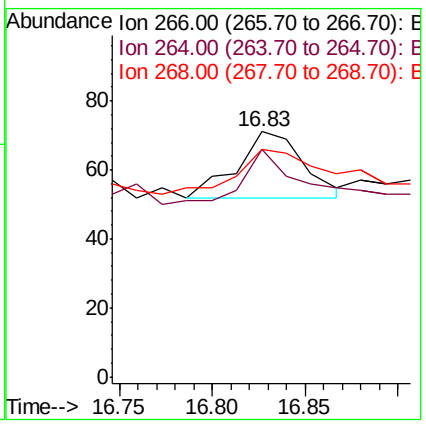


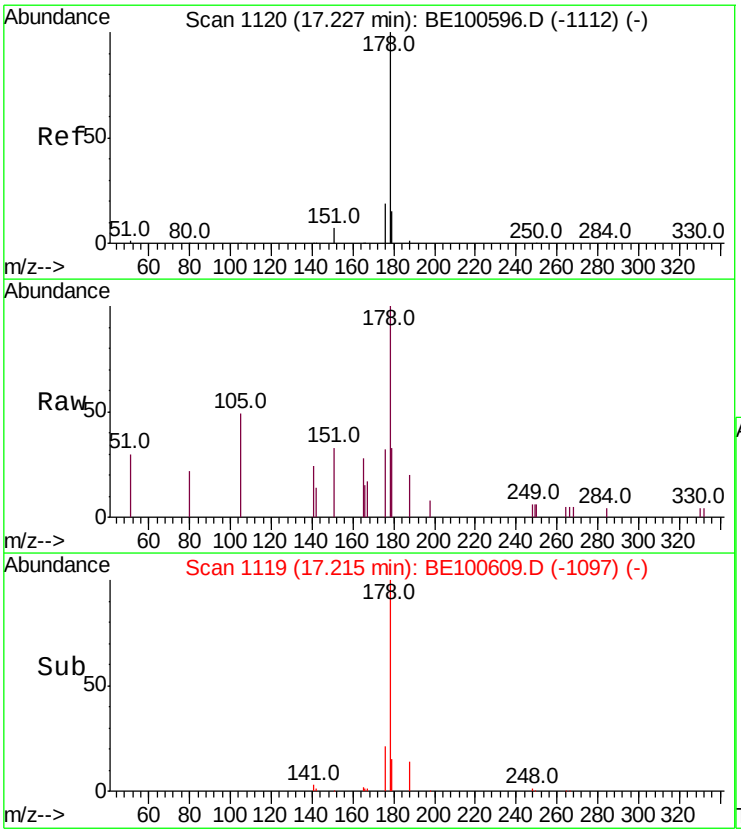
#22
Pentachlorophenol
Concen: 0.347 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 47

Ion	Ratio	Lower	Upper
266	100		
264	93.0	56.3	84.5#
268	93.0	60.3	90.5#

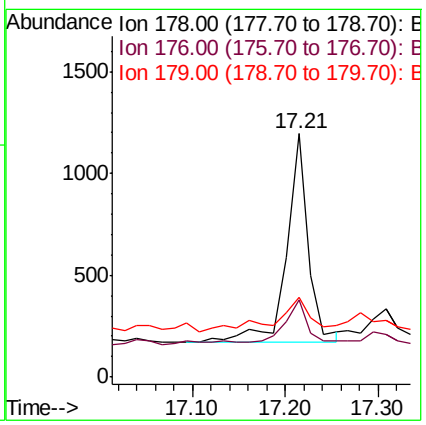


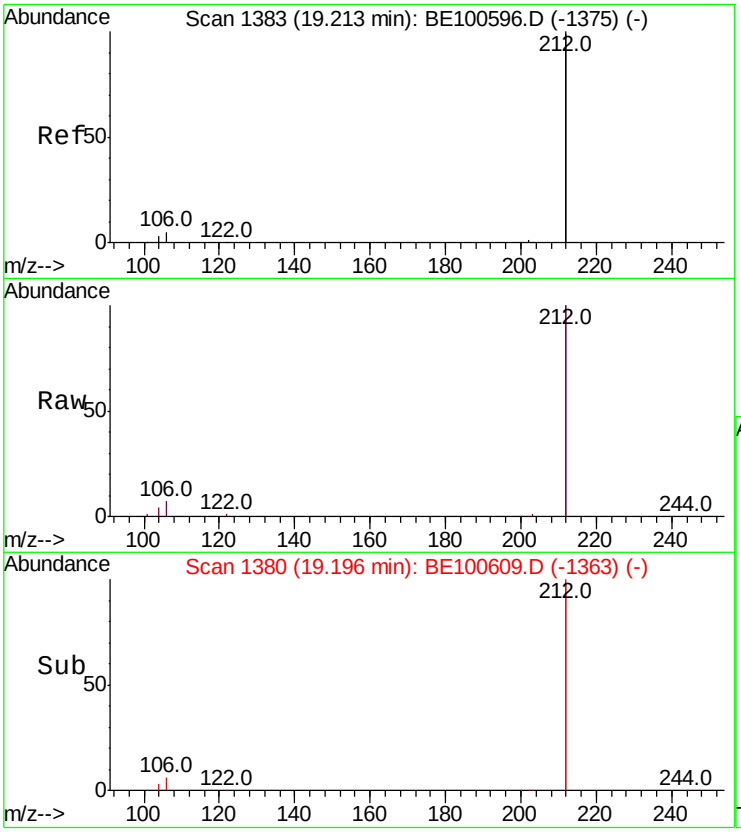


#23
Phenanthrene
Concen: 0.022 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion:178 Resp: 1647

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	25.1	12.3	18.5#



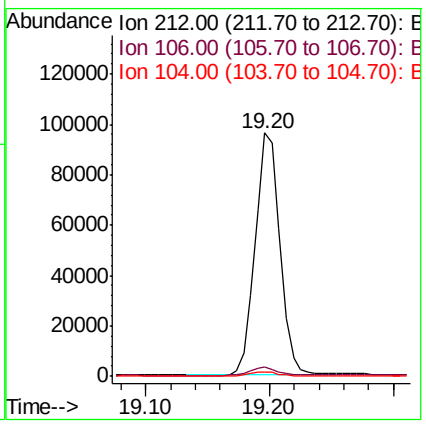


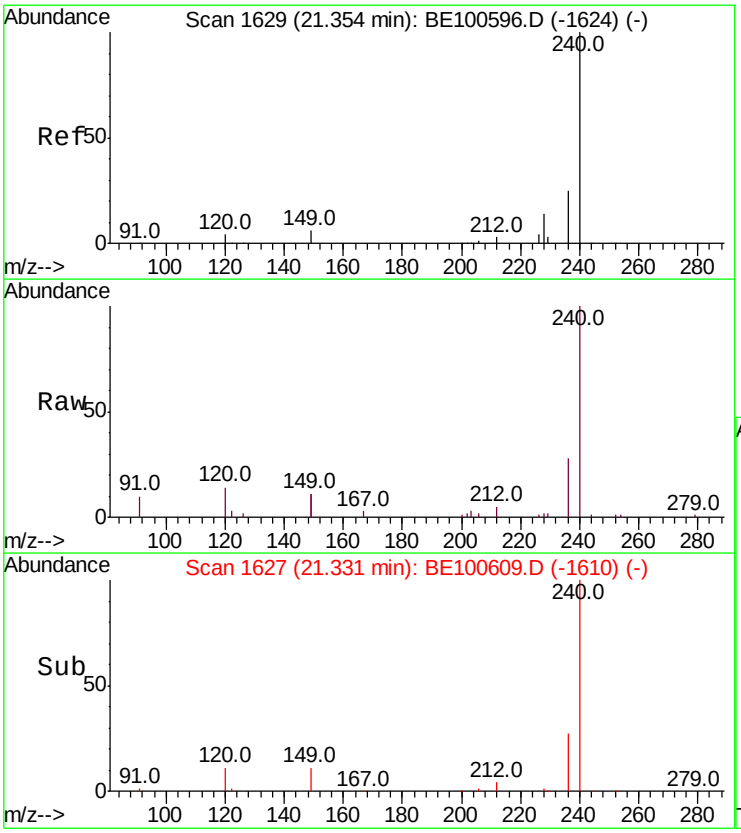
#25
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 134301

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.3	3.5
104	2.0	1.3	1.9#

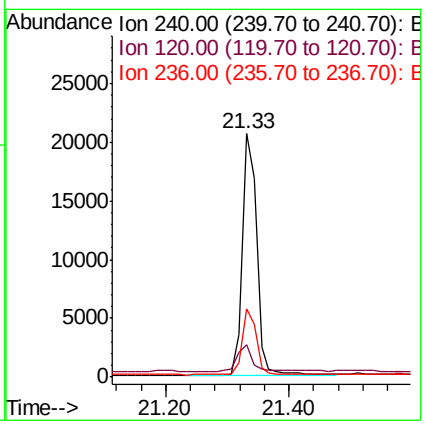


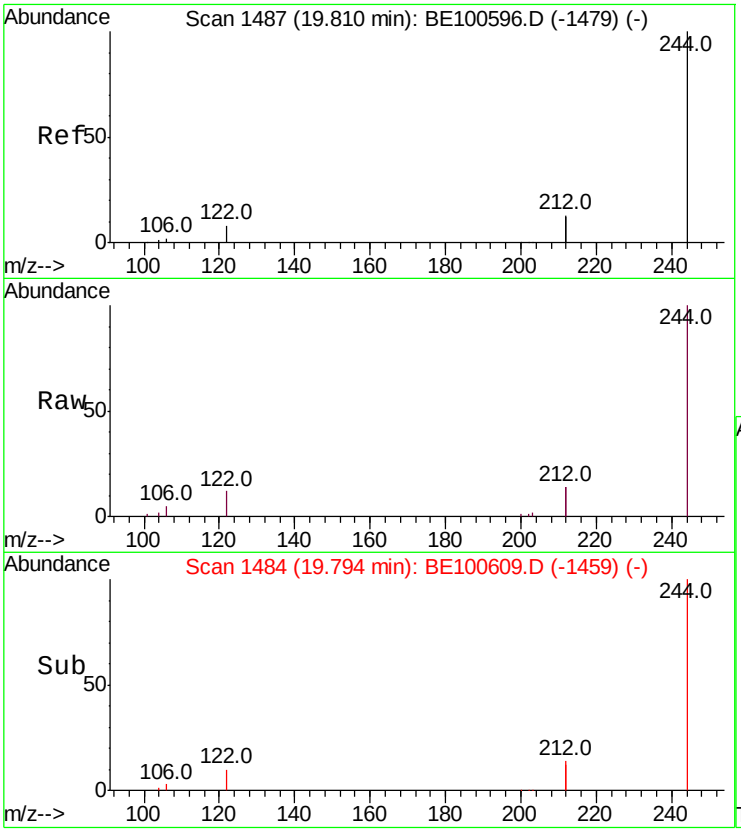


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion:240 Resp: 32607

Ion	Ratio	Lower	Upper
240	100		
120	13.5	3.6	5.4#
236	28.1	20.5	30.7



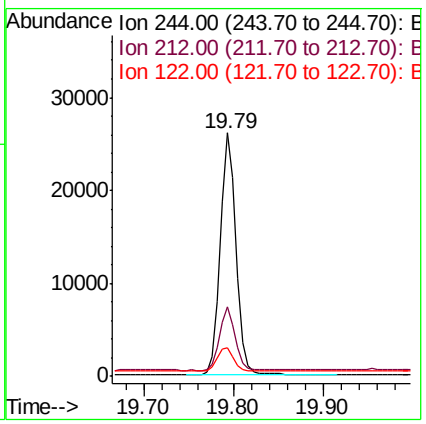


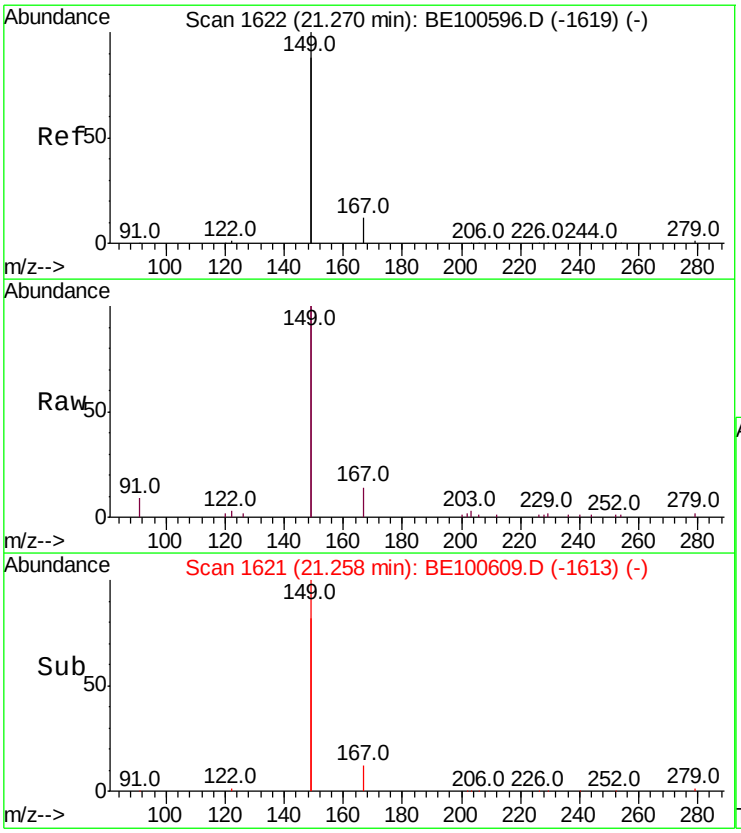
#29
Terphenyl-d14
Concen: 0.443 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 31895

Ion	Ratio	Lower	Upper
244	100		
212	28.4	20.6	31.0
122	11.8	6.5	9.7#

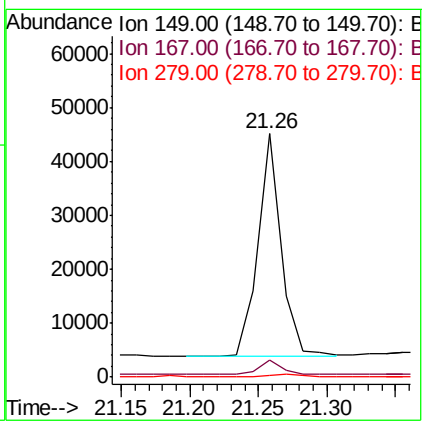


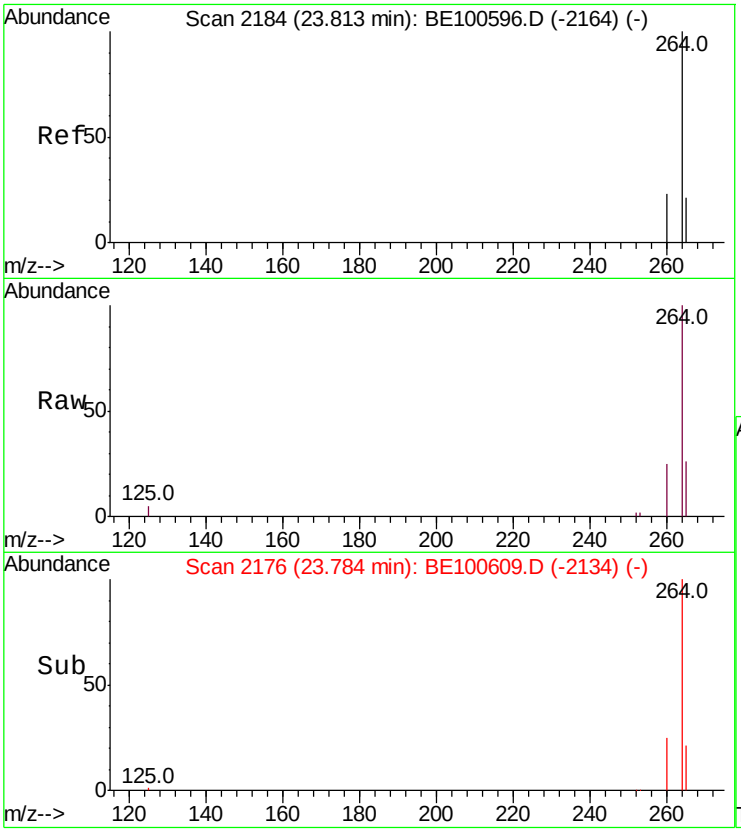


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.278 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion:149 Resp: 48344

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	0.9	1.3





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 37502

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.4
265	25.7	20.9	31.3