Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
Data File : BE100606.D
Acq On : 8 Oct 2019 13:35
Operator : JU
Sample : PB123706BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 09 01:45:23 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	3409	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	14455	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	7285	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	15713	0.40	ng	0.00
27) Chrysene-d12	21.34	240	18688	0.40	ng	0.01
34) Perylene-d12	23.79	264	24045	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	2623	0.29	ng	0.00
5) Phenol-d6	6.99	99	2857	0.25	ng	0.00
8) Nitrobenzene-d5	8.98	82	2339	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	6560	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	181	0.11	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	8581	0.32	ng	0.00
25) Fluoranthene-d10	19.20	212	58565	0.30	ng	0.00
29) Terphenyl-d14	19.80	244	13805	0.33	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.68	42	146	0.054	ng	# 1
22) Pentachlorophenol	16.87	266	2	0.339	ng	# 74

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

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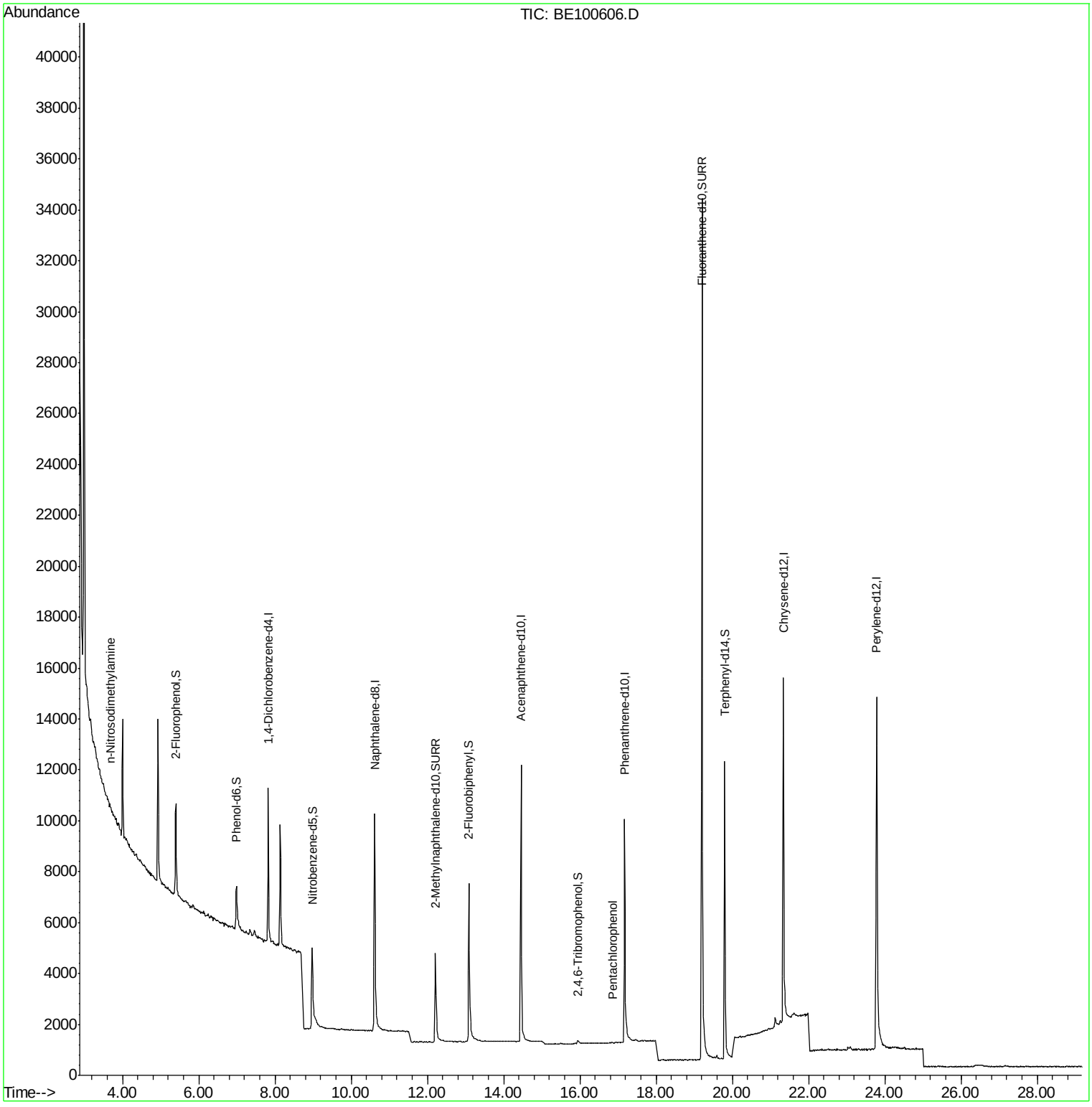
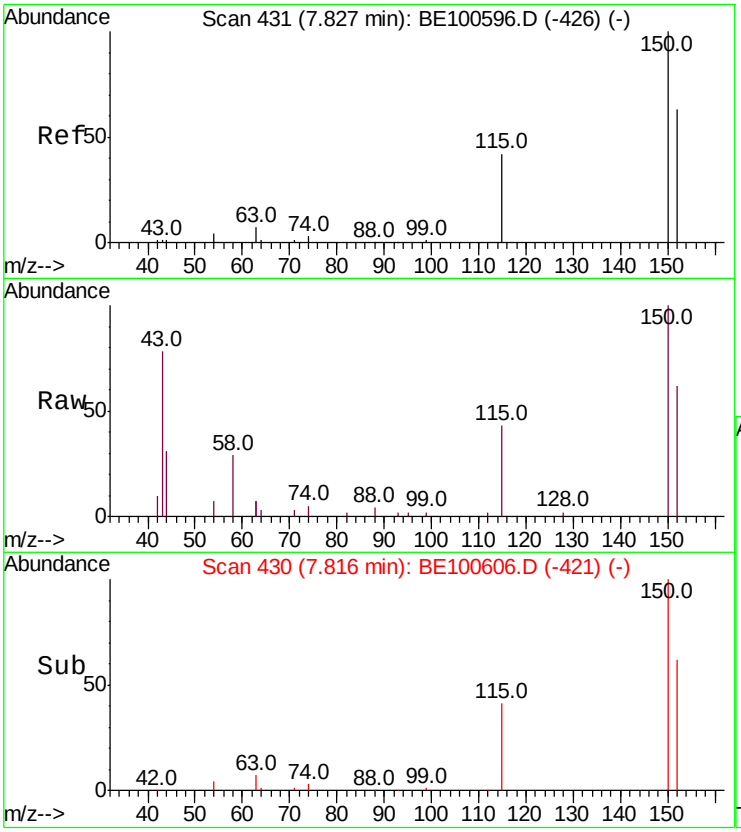


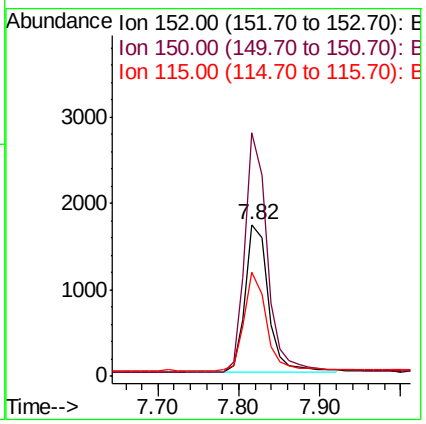


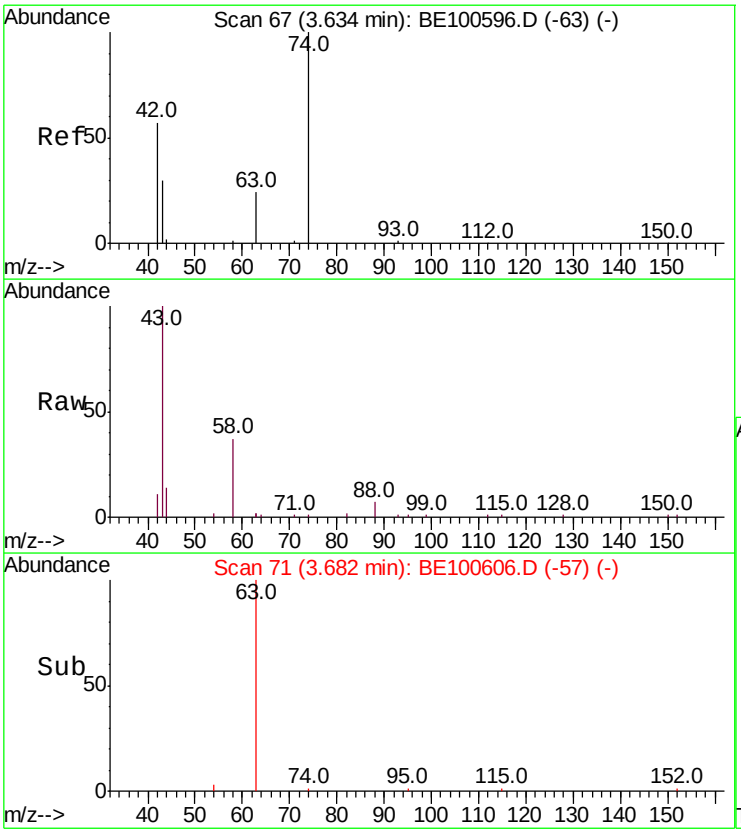
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3409

Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.5	189.7
115	68.8	54.6	81.8

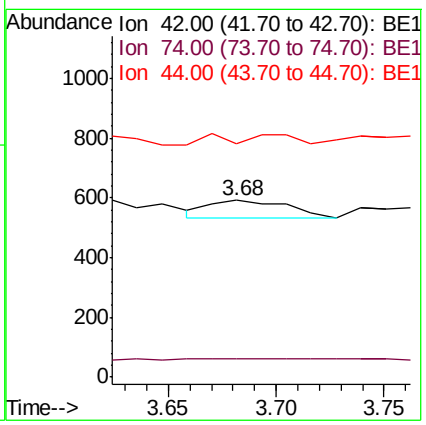


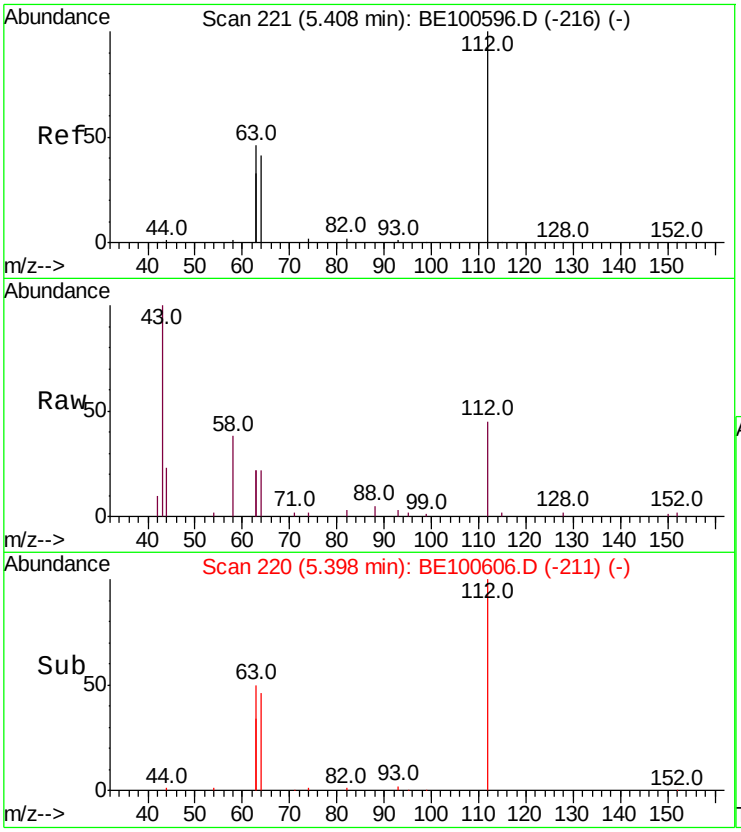


#3
n-Nitrosodimethylamine
Concen: 0.054 ng
RT: 3.68 min Scan# 71
Delta R.T. 0.06 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion: 42 Resp: 146

Ion	Ratio	Lower	Upper
42	100		
74	8.2	136.2	204.2#
44	55.5	7.4	11.0#



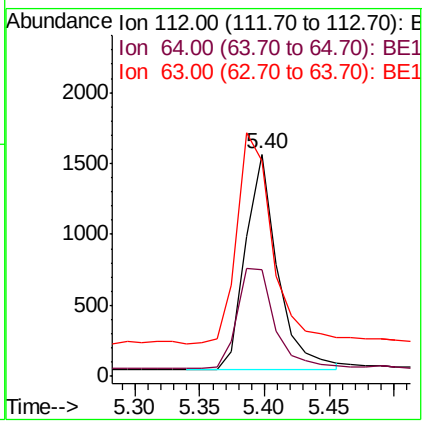


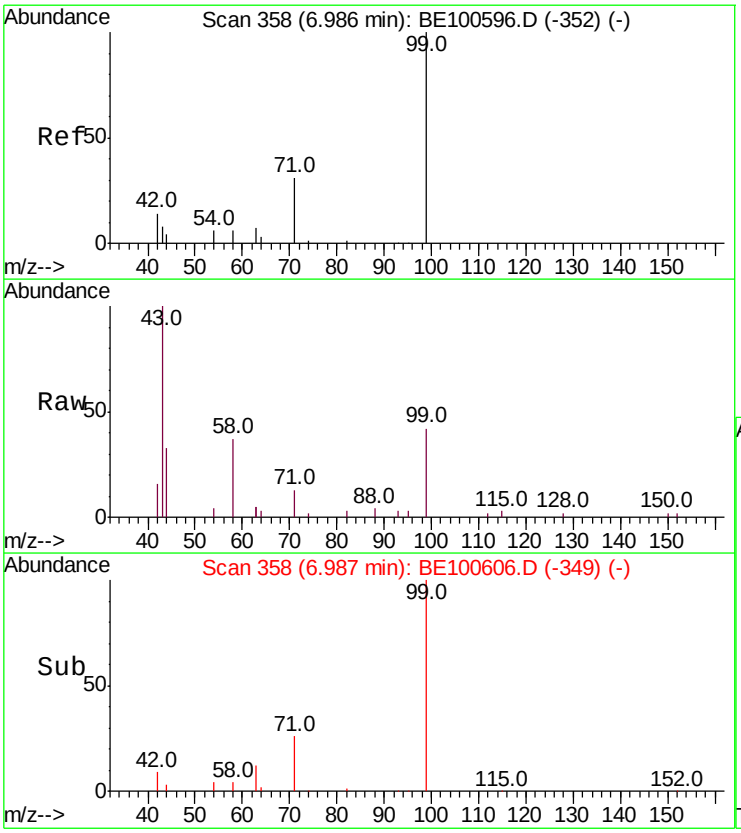
#4
2-Fluorophenol
Concen: 0.285 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 2623

Ion	Ratio	Lower	Upper
112	100		
64	54.6	43.7	65.5
63	107.5	84.5	126.7

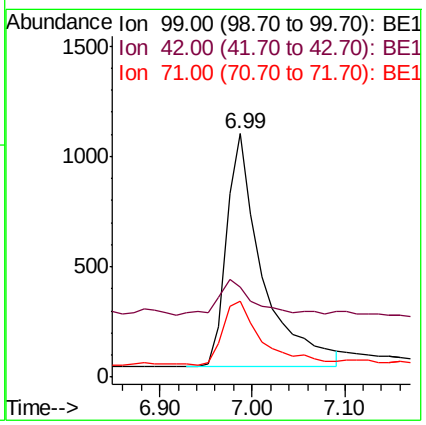


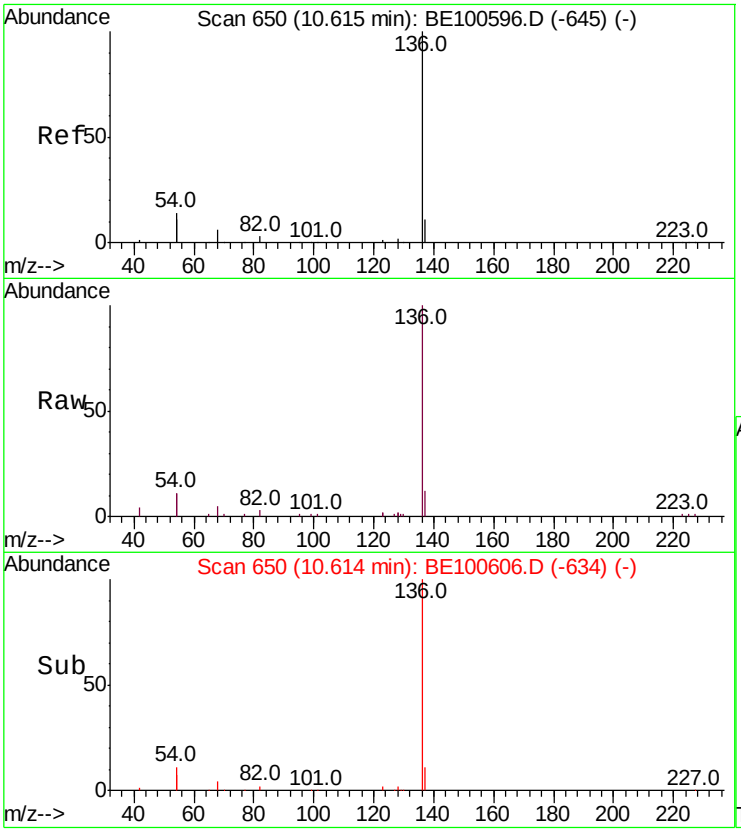


#5
Phenol-d6
Concen: 0.247 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion: 99 Resp: 2857

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.7	17.5
71	29.0	23.0	34.4



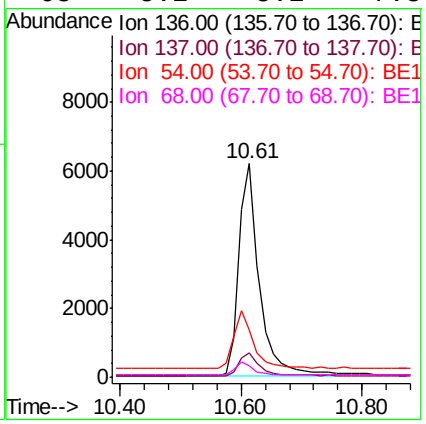


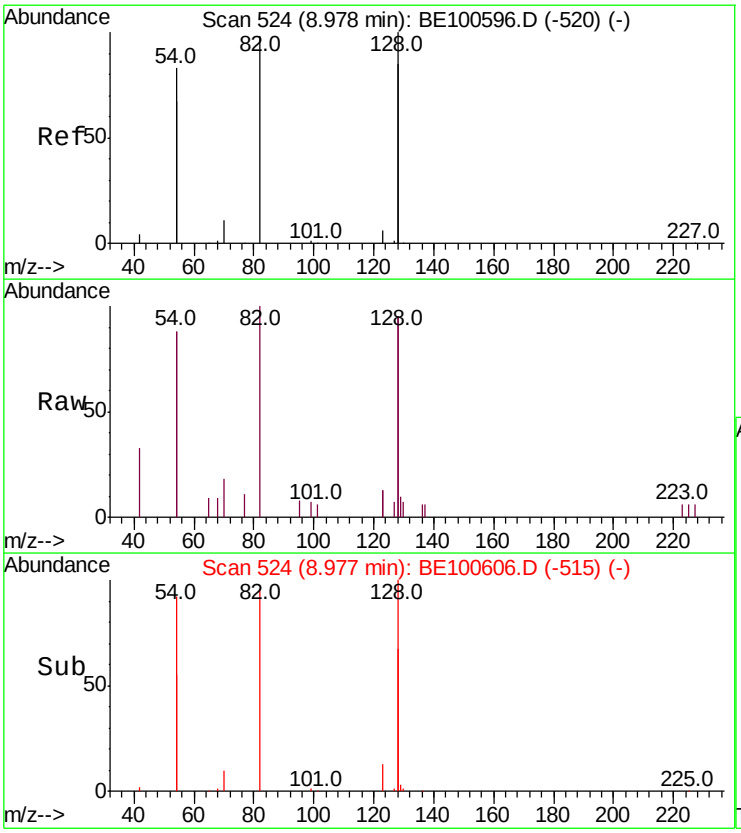
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14455

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	22.2	22.4	33.6#
68	5.2	5.2	7.8

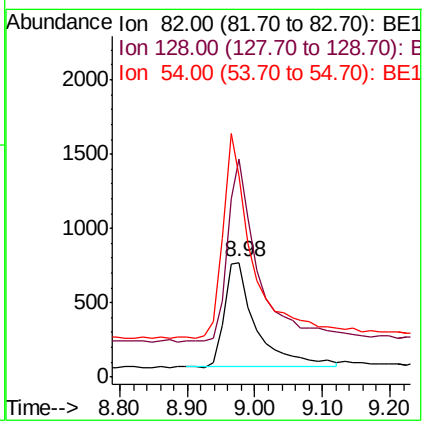


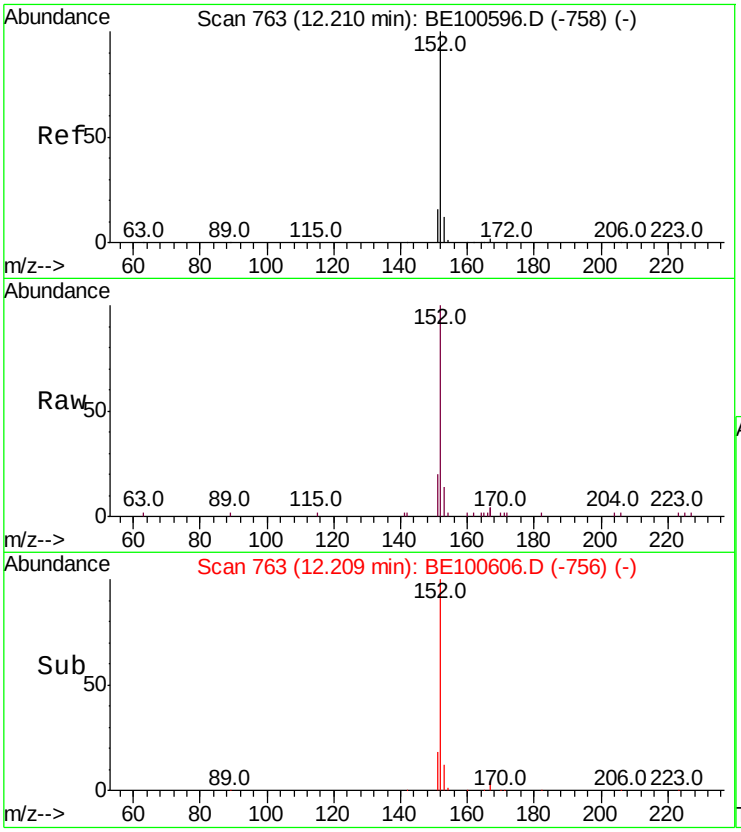


#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion: 82 Resp: 2339

Ion	Ratio	Lower	Upper
82	100		
128	190.1	154.7	232.1
54	175.4	128.5	192.7



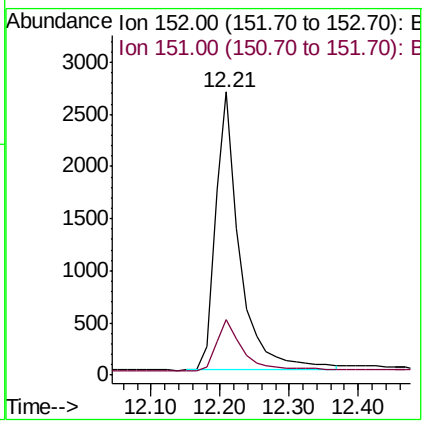


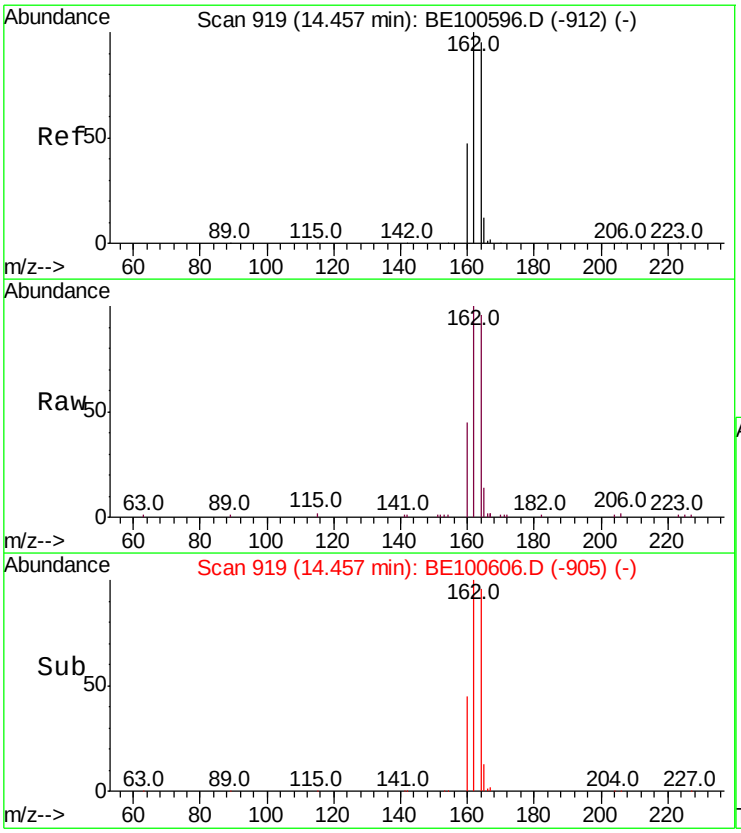
#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6560

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8

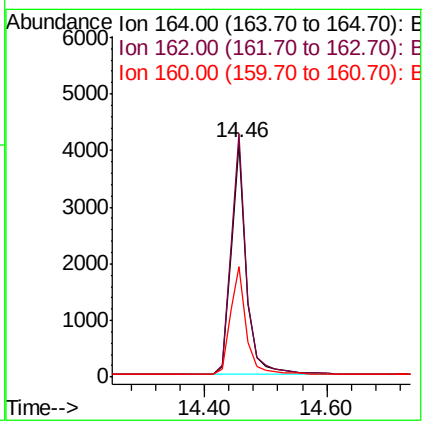


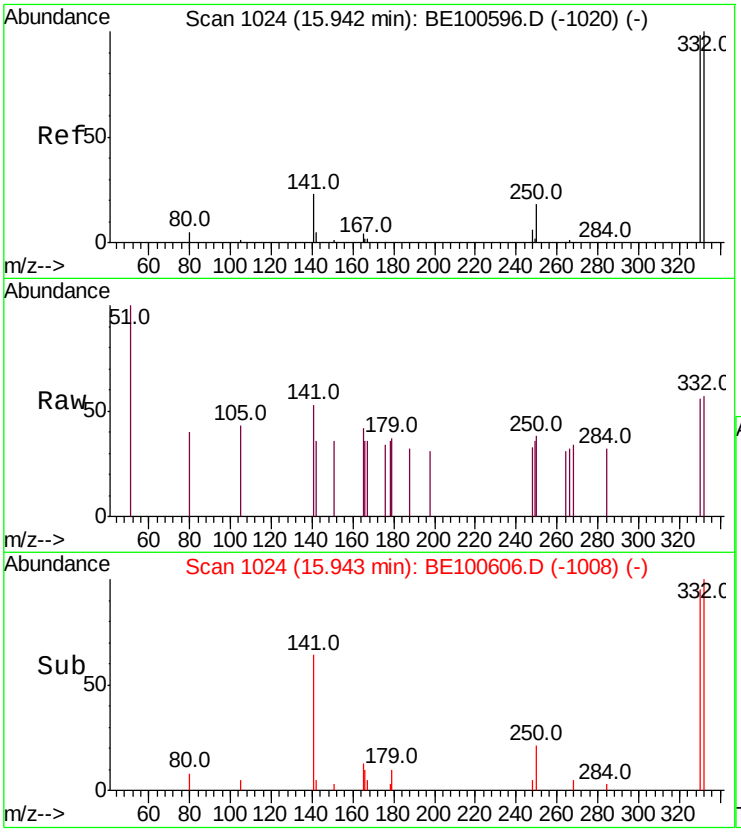


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion:164 Resp: 7285

Ion	Ratio	Lower	Upper
164	100		
162	104.1	84.2	126.4
160	47.2	40.2	60.4



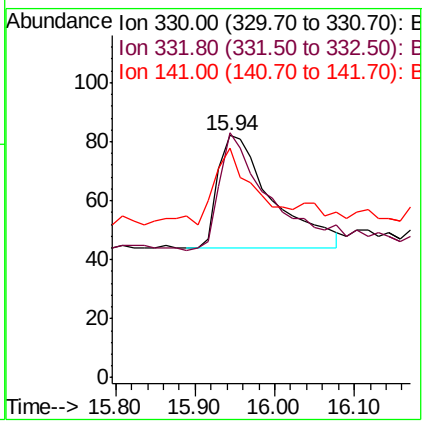


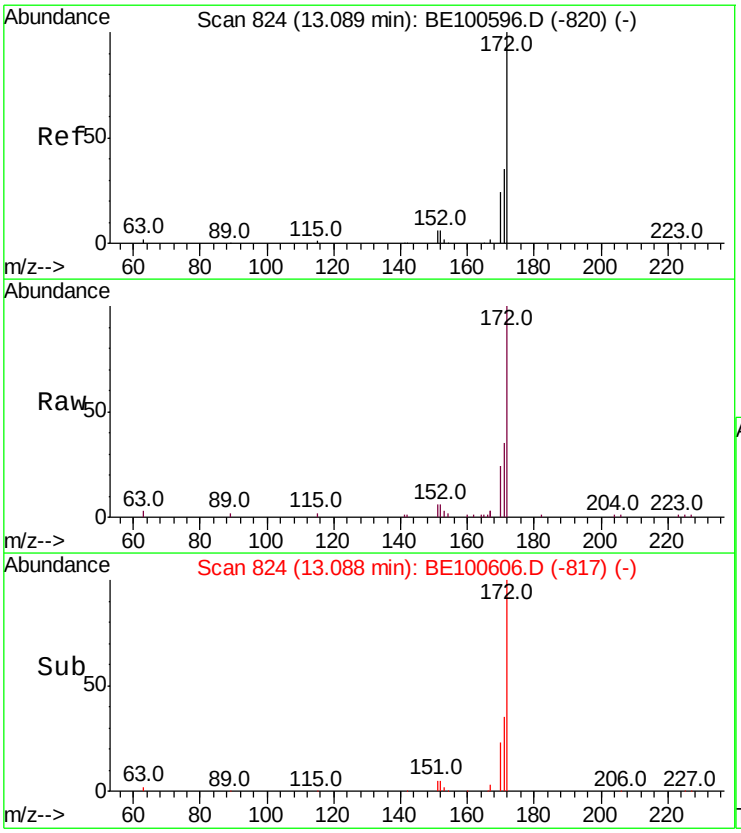
#14
2,4,6-Tribromophenol
Concen: 0.109 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 181

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.5	117.7
141	52.5	39.4	59.0

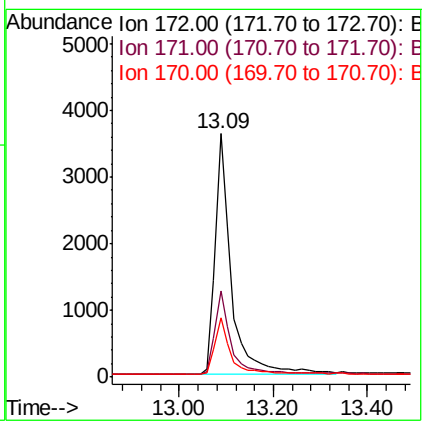


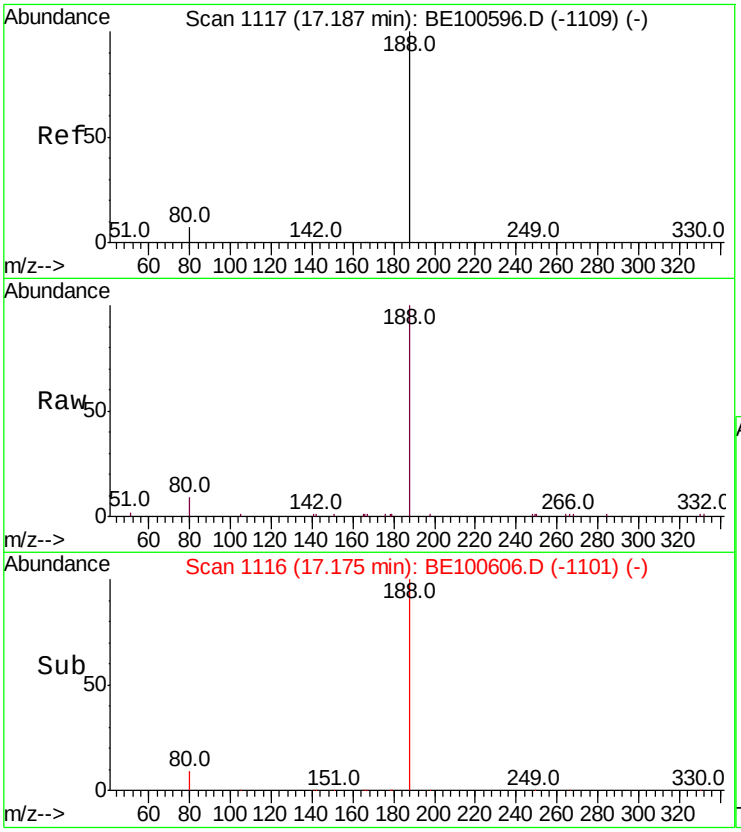


#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion:172 Resp: 8581

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	24.3	19.8	29.8



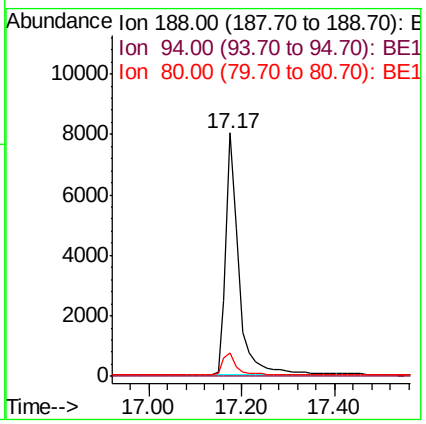


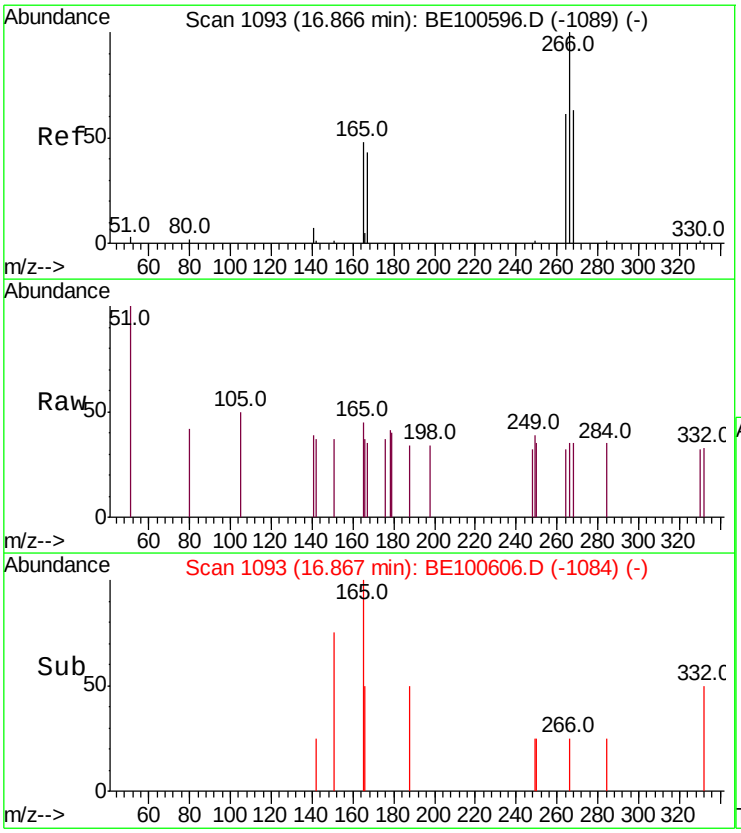
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 15713

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	6.2	9.2#

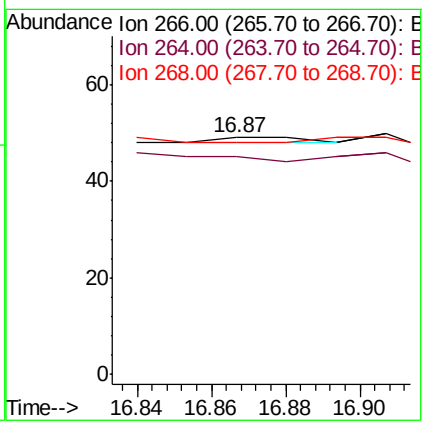


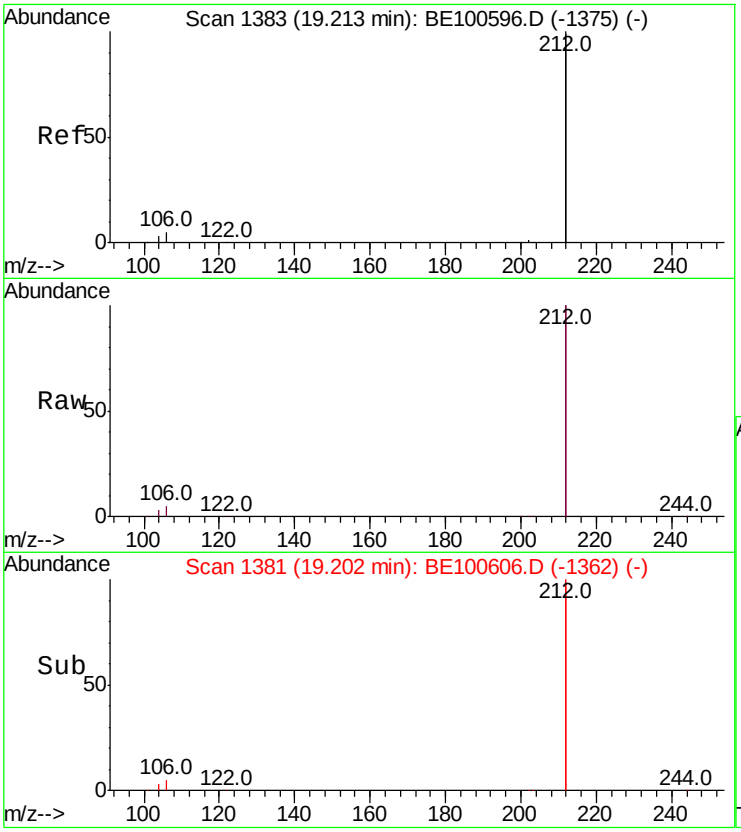


#22
Pentachlorophenol
Concen: 0.339 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion:266 Resp: 2

Ion	Ratio	Lower	Upper
266	100		
264	91.8	56.3	84.5#
268	98.0	60.3	90.5#



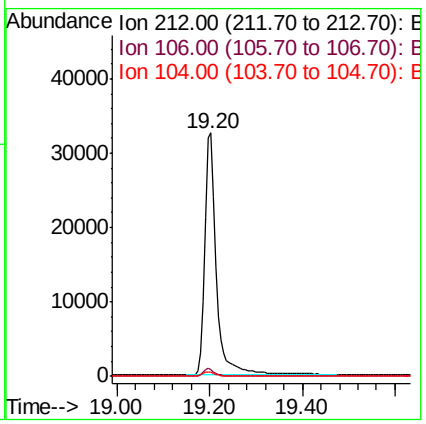


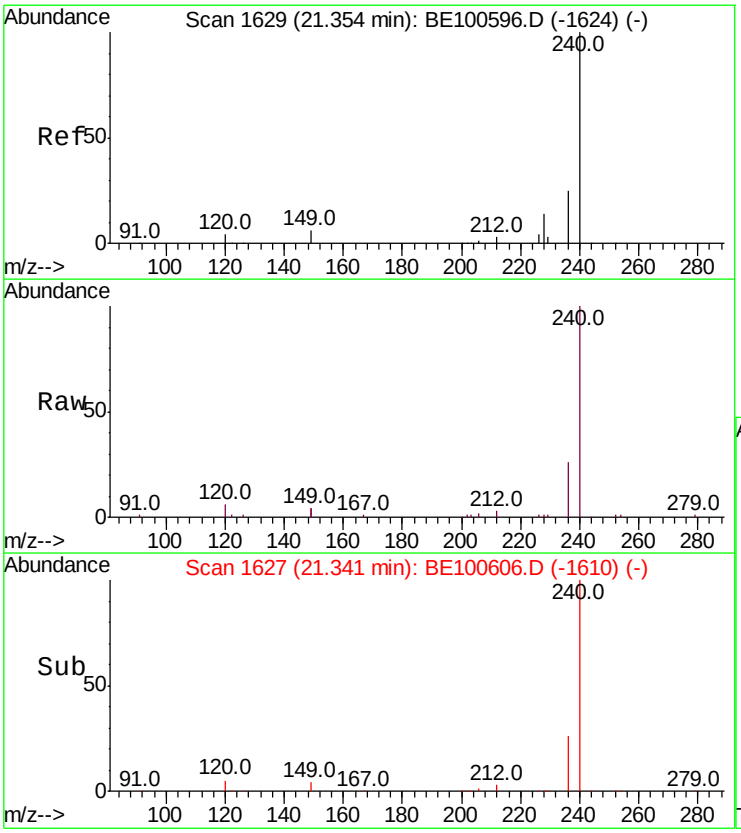
#25
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 58565

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.5	1.3	1.9

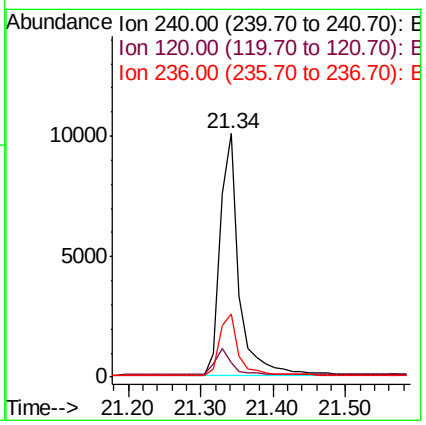


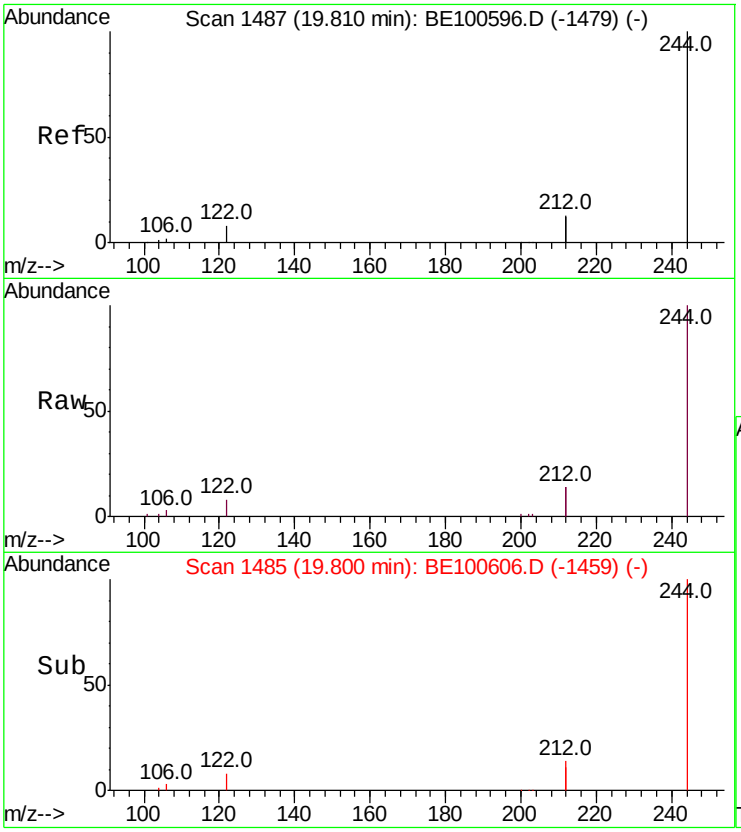


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion:240 Resp: 18688

Ion	Ratio	Lower	Upper
240	100		
120	5.7	3.6	5.4#
236	26.1	20.5	30.7



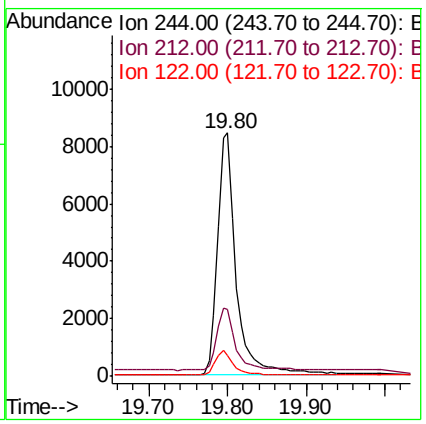


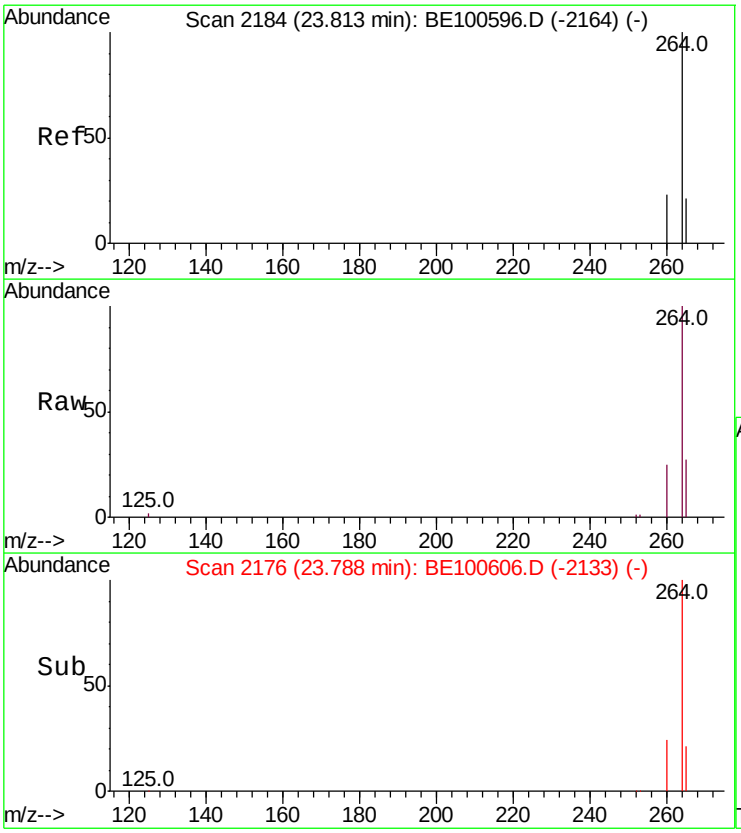
#29
Terphenyl-d14
Concen: 0.334 ng
RT: 19.80 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13805

Ion	Ratio	Lower	Upper
244	100		
212	27.4	20.6	31.0
122	8.5	6.5	9.7





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.79 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion:264 Resp: 24045

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.4
265	26.9	20.9	31.3