Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
Data File : BE100612.D
Acq On : 8 Oct 2019 17:16
Operator : JU
Sample : K5109-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DUP-1

Quant Time: Oct 09 04:12:58 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	3880	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	18887	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	11582	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	25726	0.40	ng	0.00
27) Chrysene-d12	21.33	240	30944	0.40	ng	0.00
34) Perylene-d12	23.78	264	35564	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3128	0.30	ng	0.00
5) Phenol-d6	6.98	99	3179	0.24	ng	0.00
8) Nitrobenzene-d5	8.96	82	4483	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10222	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.93	330	1539	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	13908	0.33	ng	0.00
25) Fluoranthene-d10	19.19	212	128025	0.40	ng	0.00
29) Terphenyl-d14	19.79	244	37802	0.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	1969422	301.364	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.26	149	31524	0.191	ng	99

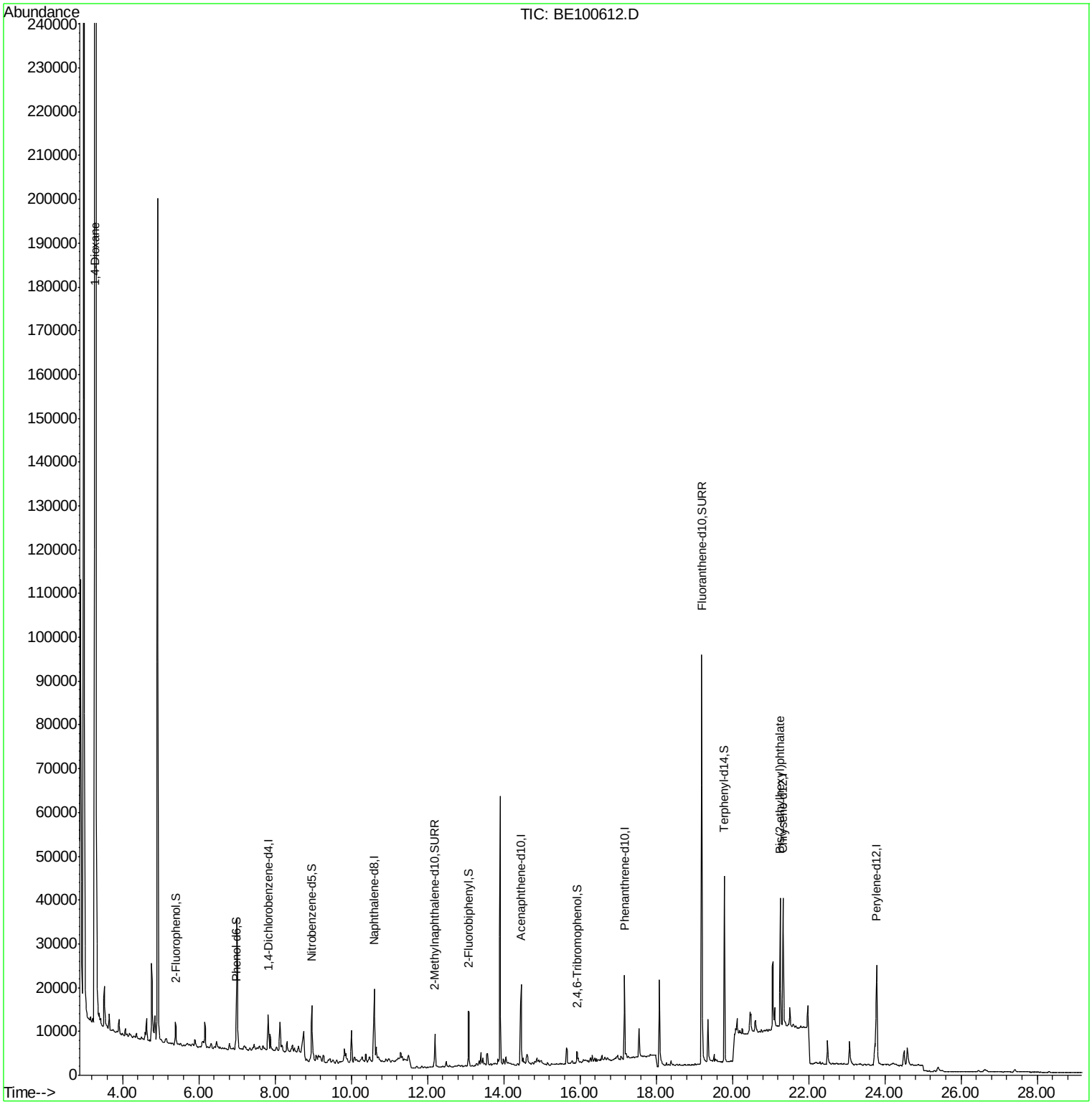
(#) = qualifier out of range (m) = manual integration (+) = signals summed

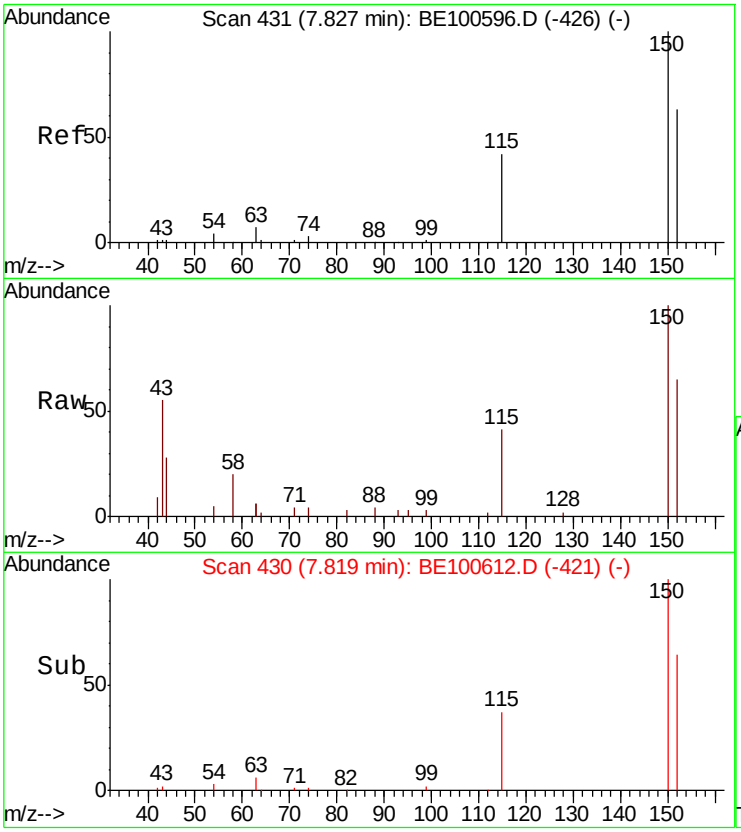
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
Data File : BE100612.D
Acq On : 8 Oct 2019 17:16
Operator : JU
Sample : K5109-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DUP-1

Quant Time: Oct 09 04:12:58 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



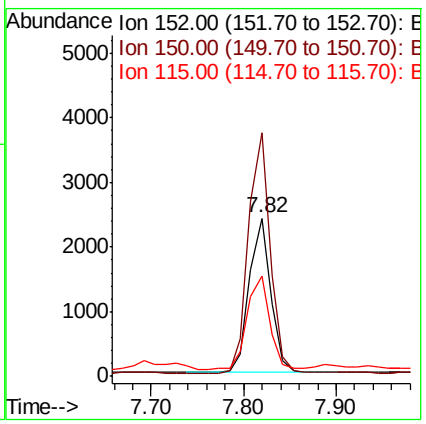


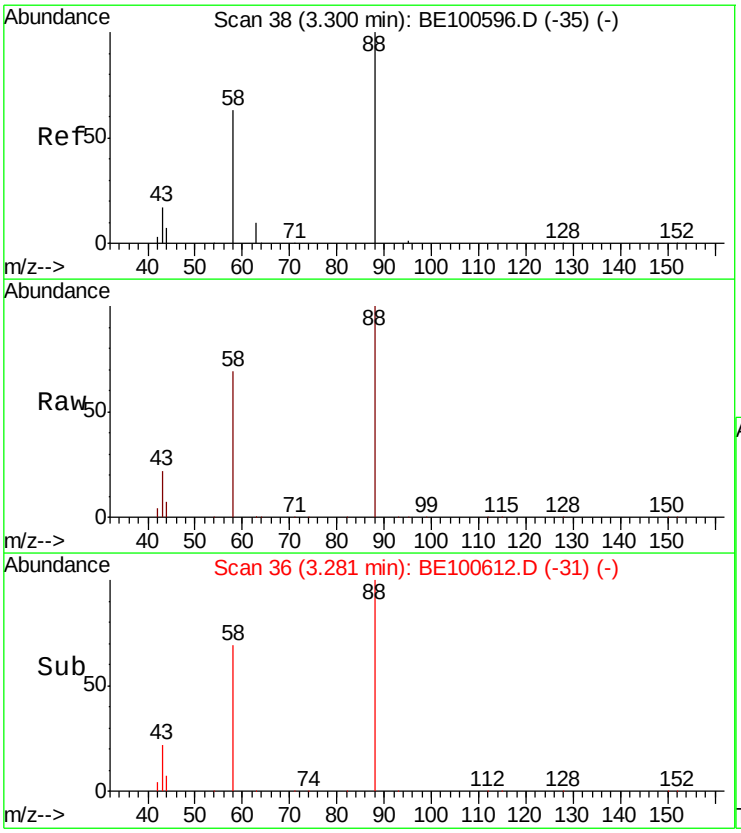
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Instrument :
BNA_E
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 3880

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.5	189.7
115	63.0	54.6	81.8

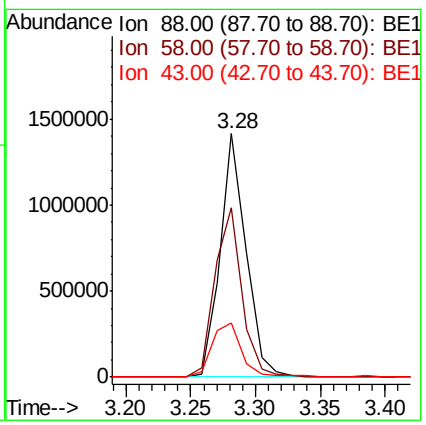


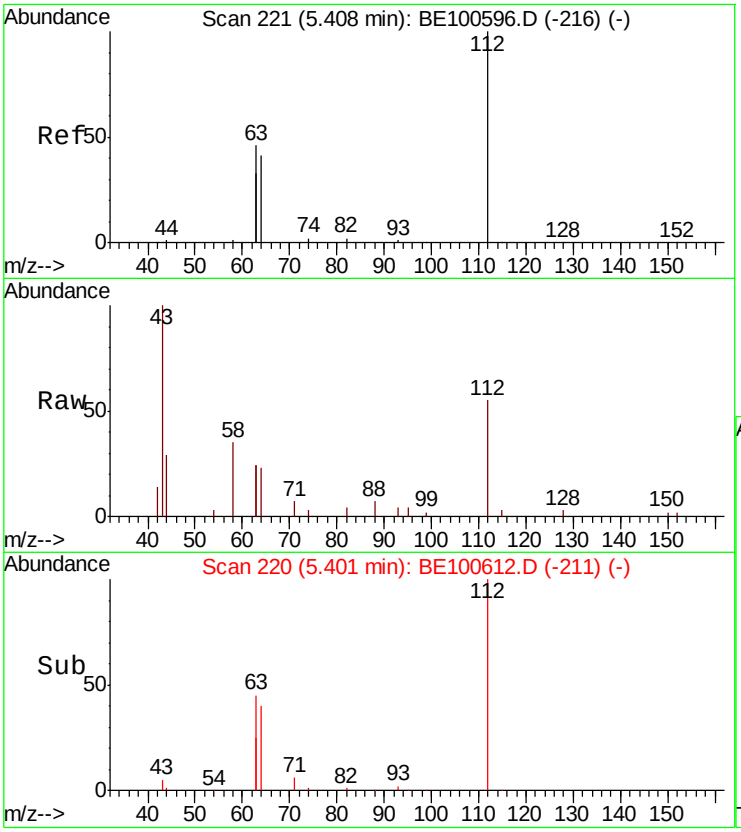


#2
1,4-Dioxane
Concen: 301.364 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Tgt Ion: 88 Resp: 1969422

Ion	Ratio	Lower	Upper
88	100		
58	72.1	48.1	72.1
43	24.2	14.4	21.6#



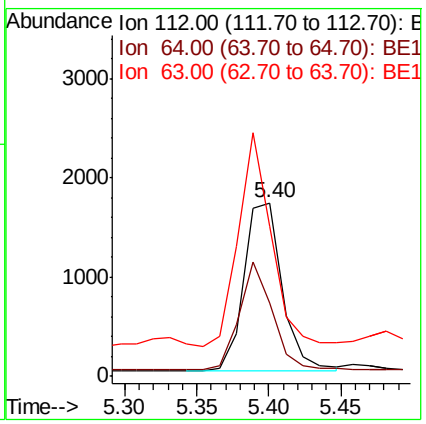


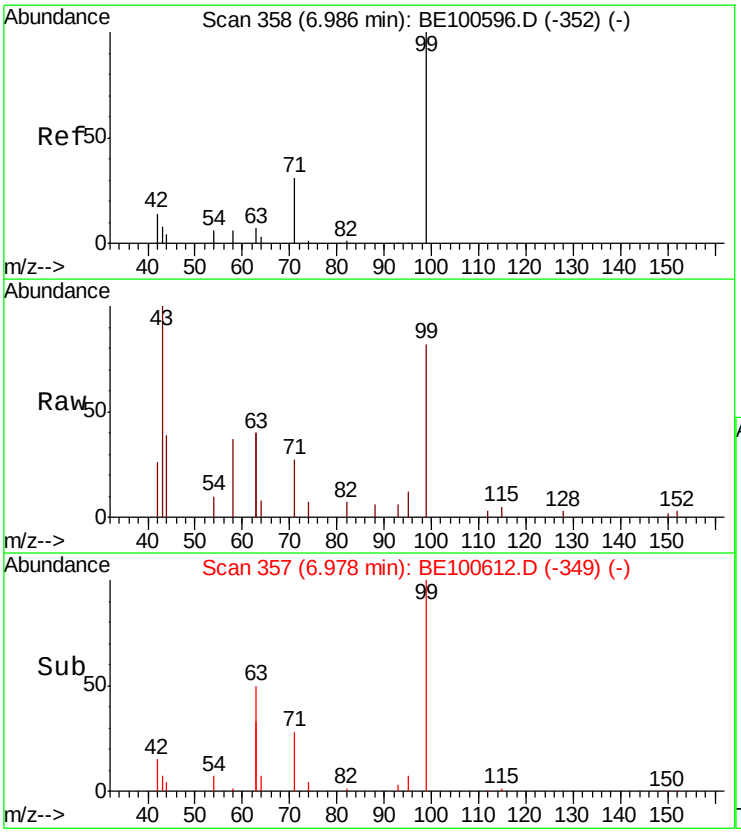
#4
2-Fluorophenol
Concen: 0.299 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Instrument :
BNA_E
ClientSampleId :
DUP-1

Tgt Ion:112 Resp: 3128

Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.7	65.5
63	108.9	84.5	126.7

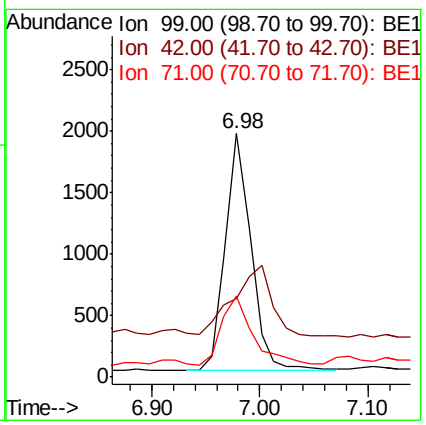


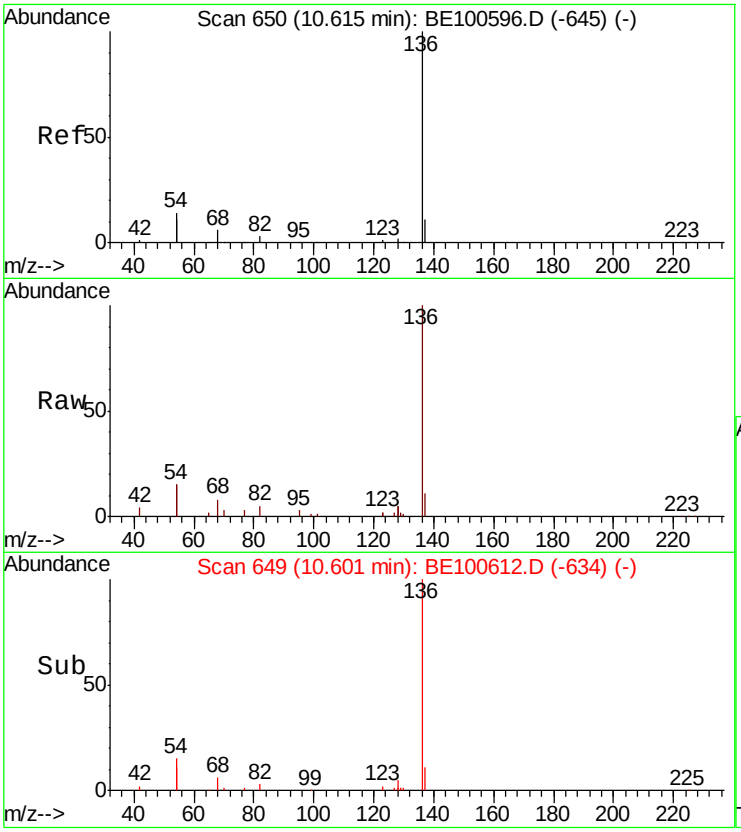


#5
Phenol-d6
Concen: 0.242 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Tgt Ion: 99 Resp: 3179

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.7	17.5#
71	36.6	23.0	34.4#



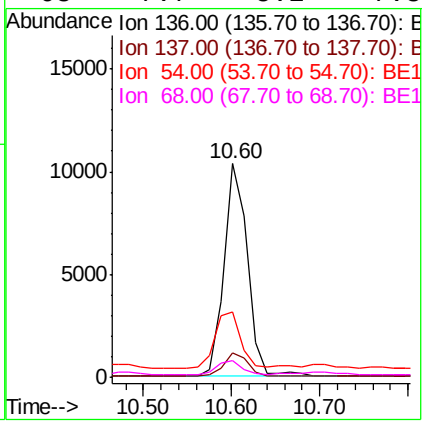


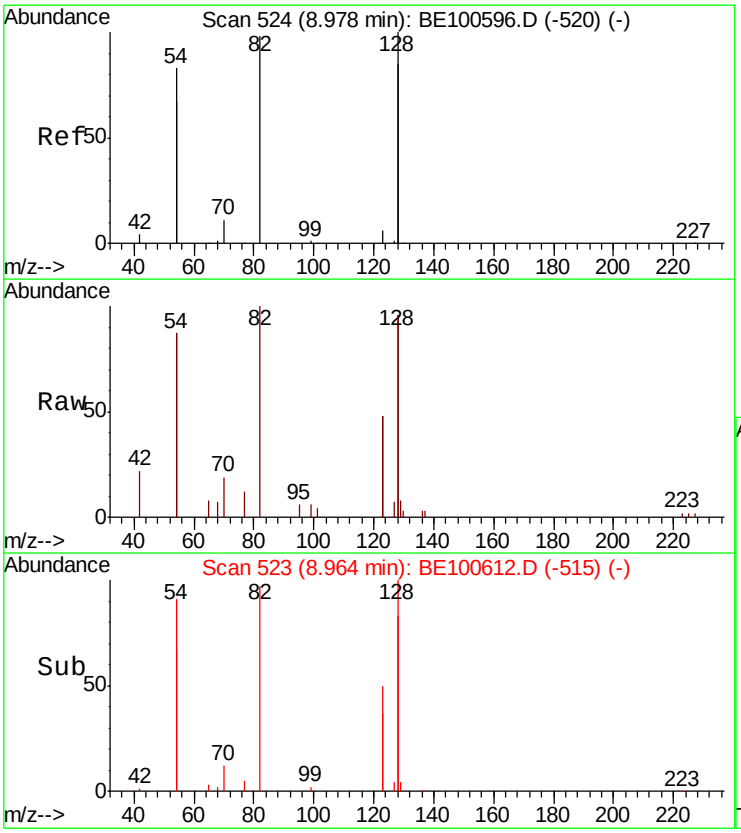
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Instrument :
BNA_E
ClientSampleId :
DUP-1

Tgt Ion:136 Resp: 18887

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	30.3	22.4	33.6
68	7.7	5.2	7.8

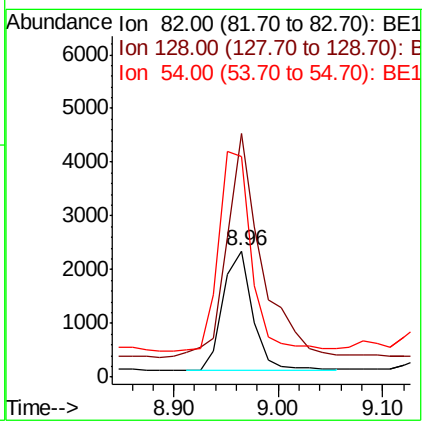


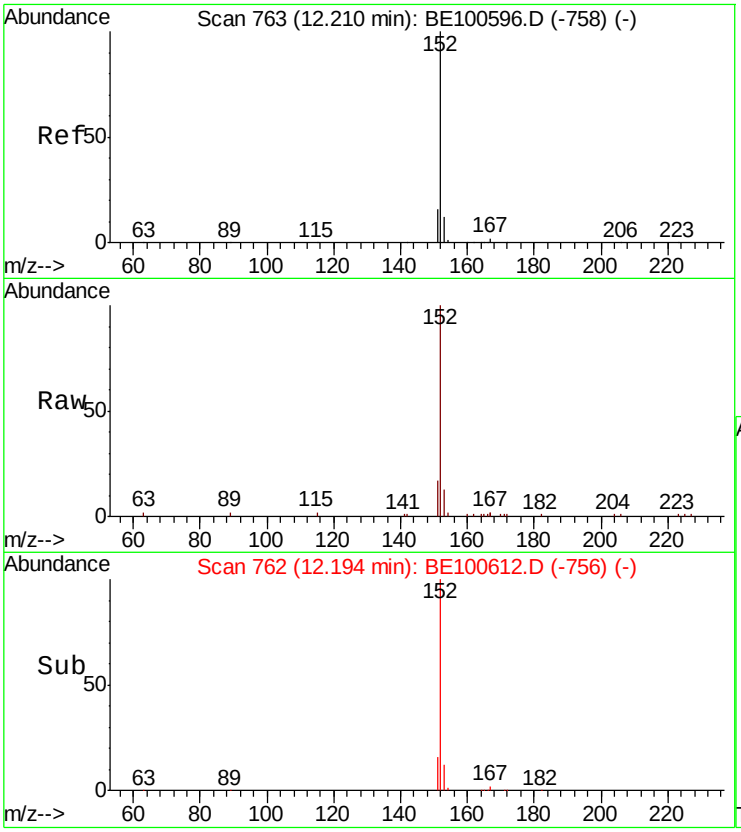


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Tgt Ion: 82 Resp: 4483

Ion	Ratio	Lower	Upper
82	100		
128	192.5	154.7	232.1
54	174.4	128.5	192.7



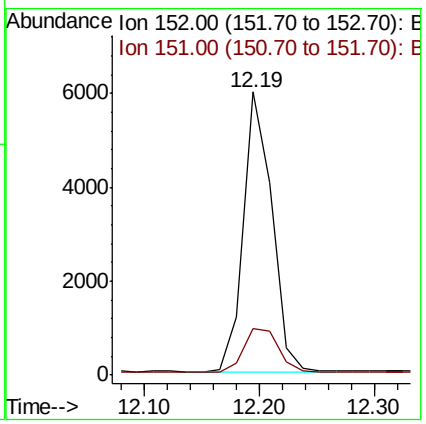


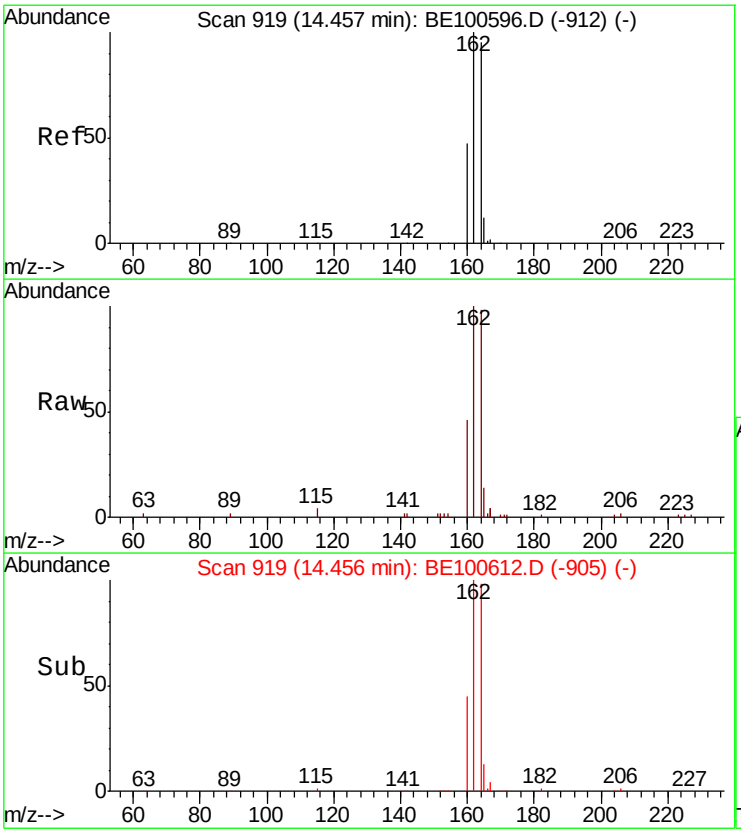
#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.02 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Instrument :
BNA_E
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 10222

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.2	22.8

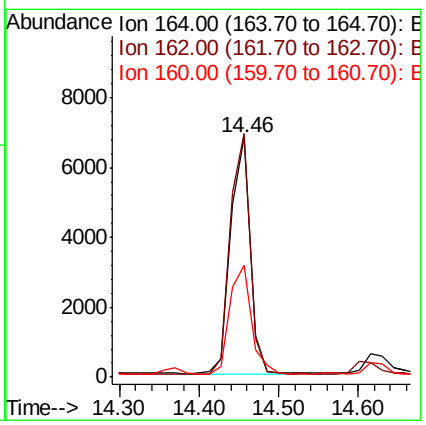


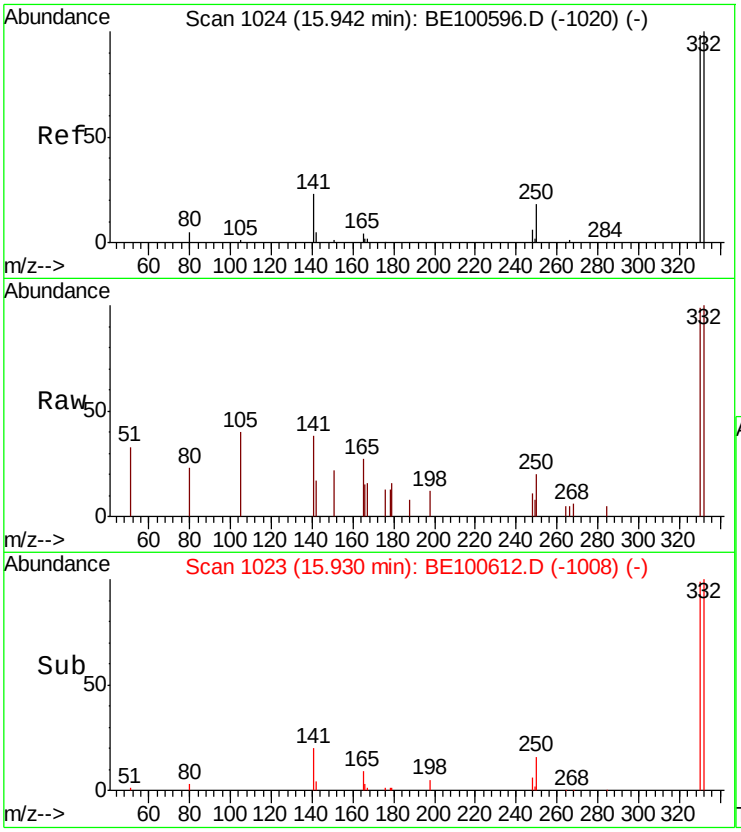


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Tgt Ion:164 Resp: 11582

Ion	Ratio	Lower	Upper
164	100		
162	101.6	84.2	126.4
160	46.9	40.2	60.4



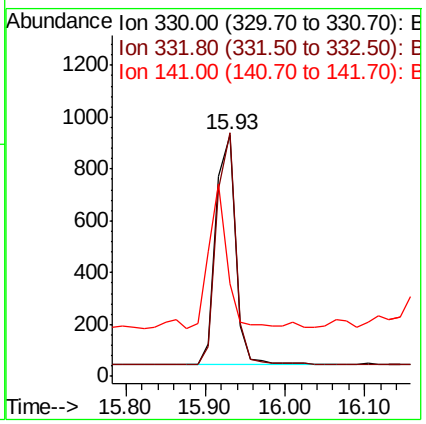


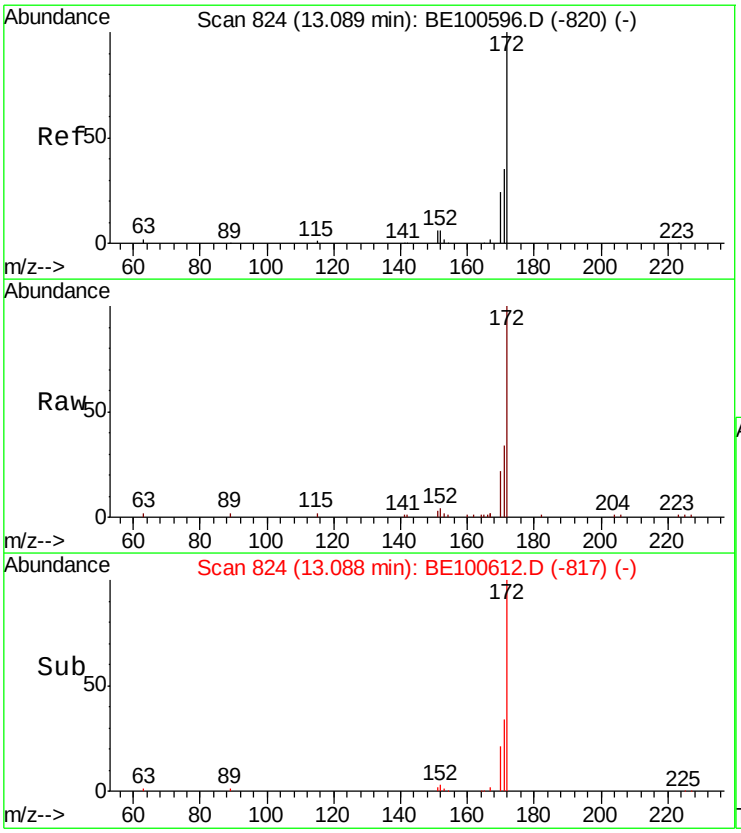
#14
2,4,6-Tribromophenol
Concen: 0.582 ng
RT: 15.93 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Instrument :
BNA_E
ClientSampleId :
DUP-1

Tgt Ion:330 Resp: 1539

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.5	117.7
141	62.4	39.4	59.0#

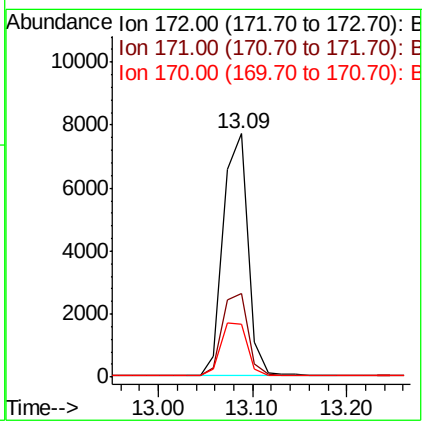


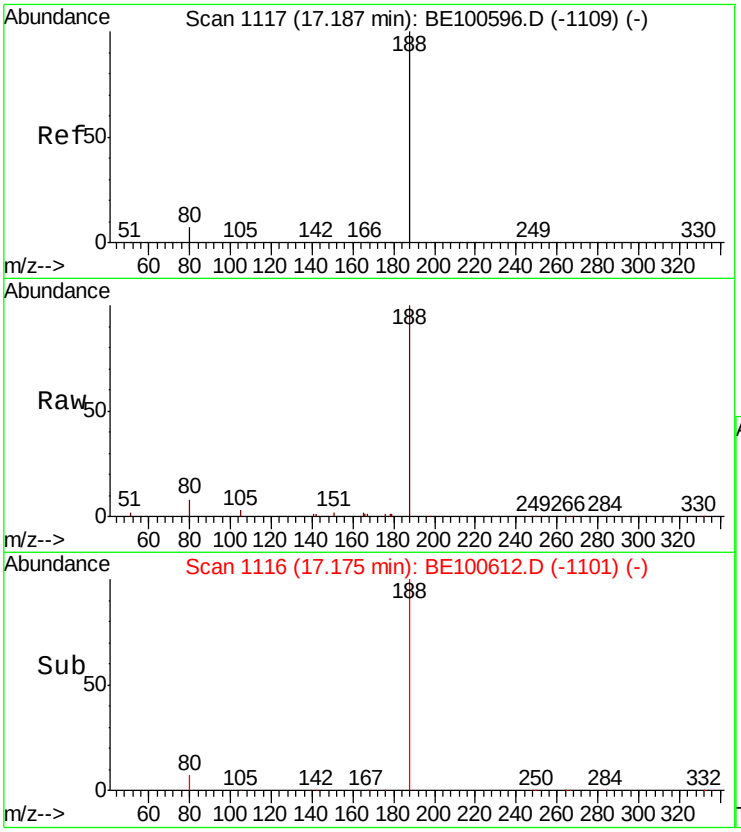


#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Tgt Ion:172 Resp: 13908

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	21.8	19.8	29.8



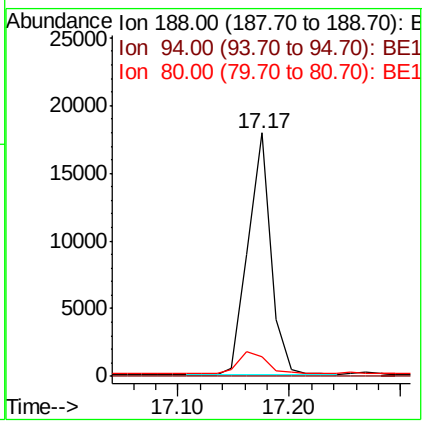


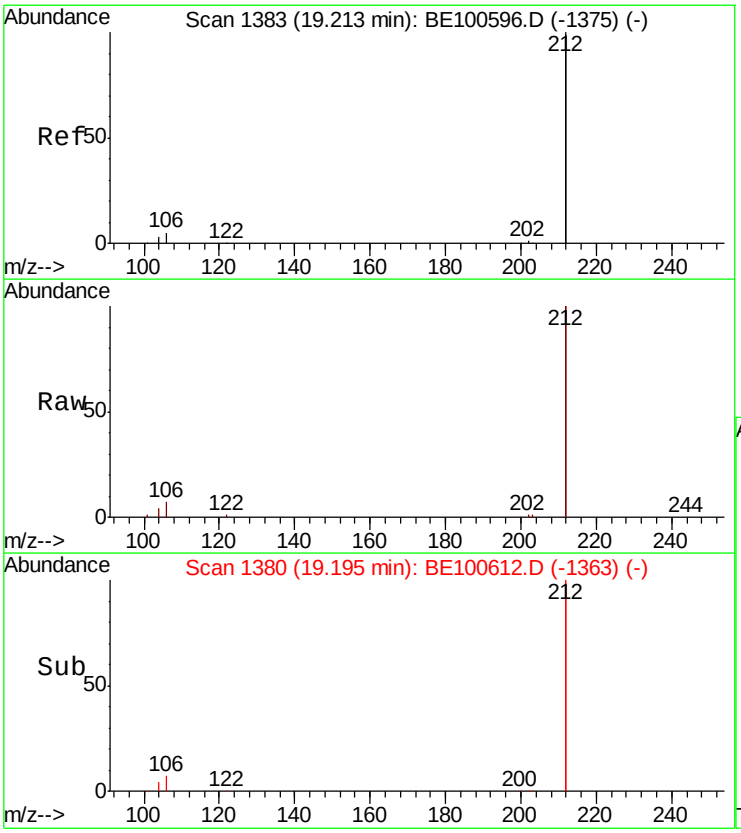
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Instrument :
BNA_E
ClientSampleId :
DUP-1

Tgt Ion:188 Resp: 25726

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.2	9.2

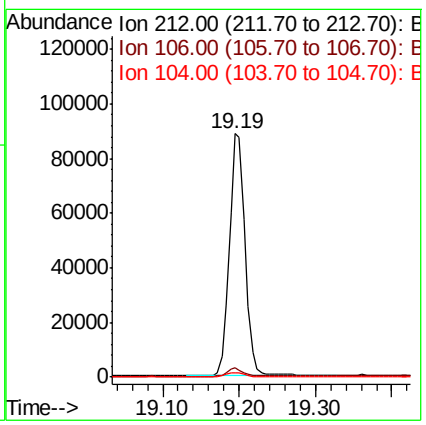


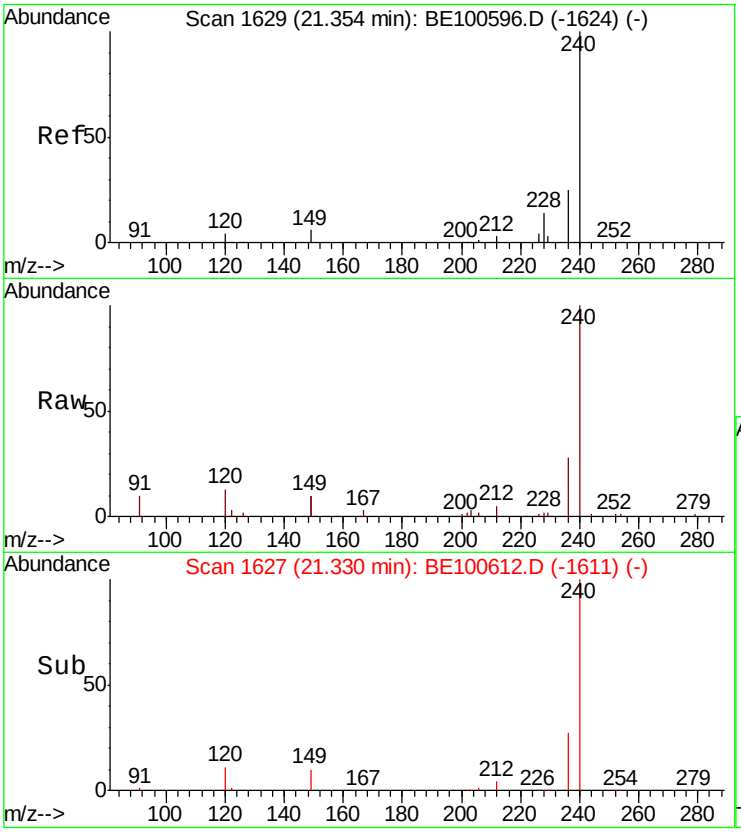


#25
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.19 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Tgt Ion:212 Resp: 128025

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.3	3.5#
104	1.9	1.3	1.9



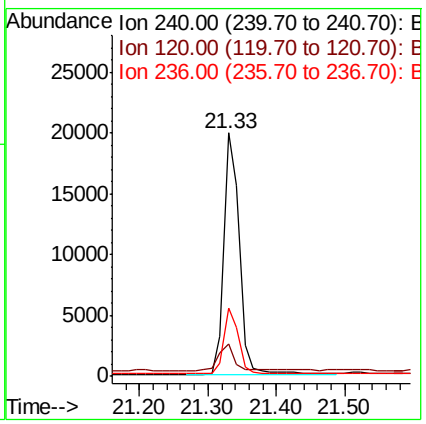


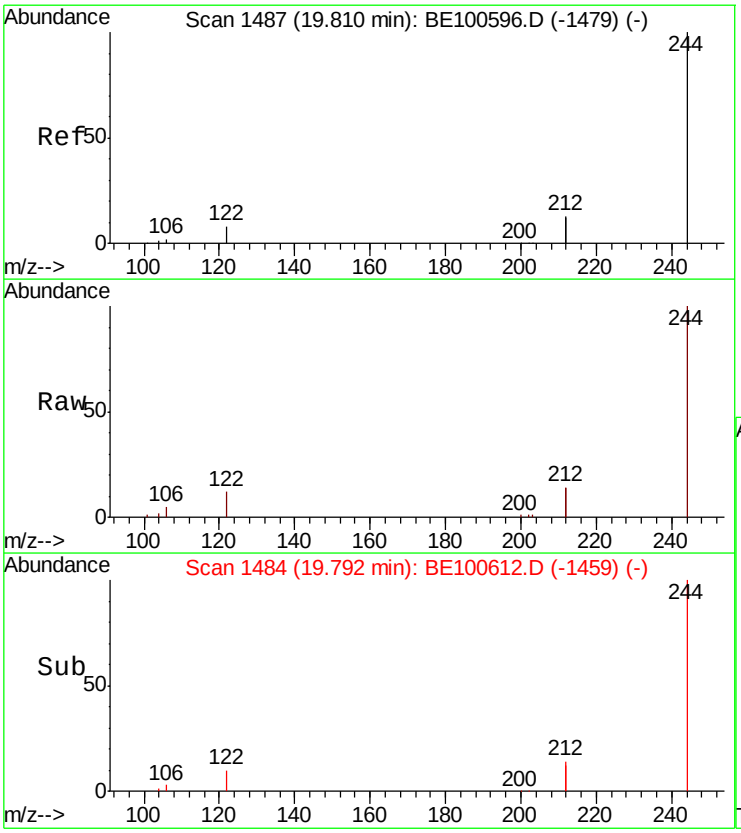
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Instrument :
BNA_E
ClientSampleId :
DUP-1

Tgt Ion:240 Resp: 30944

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

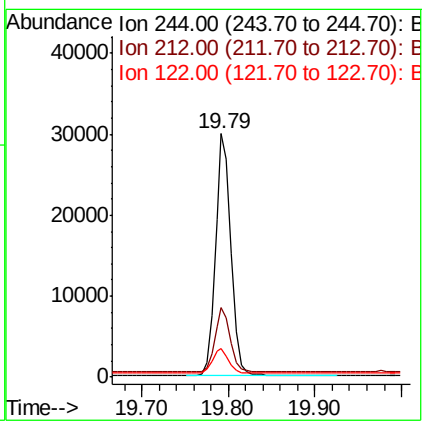


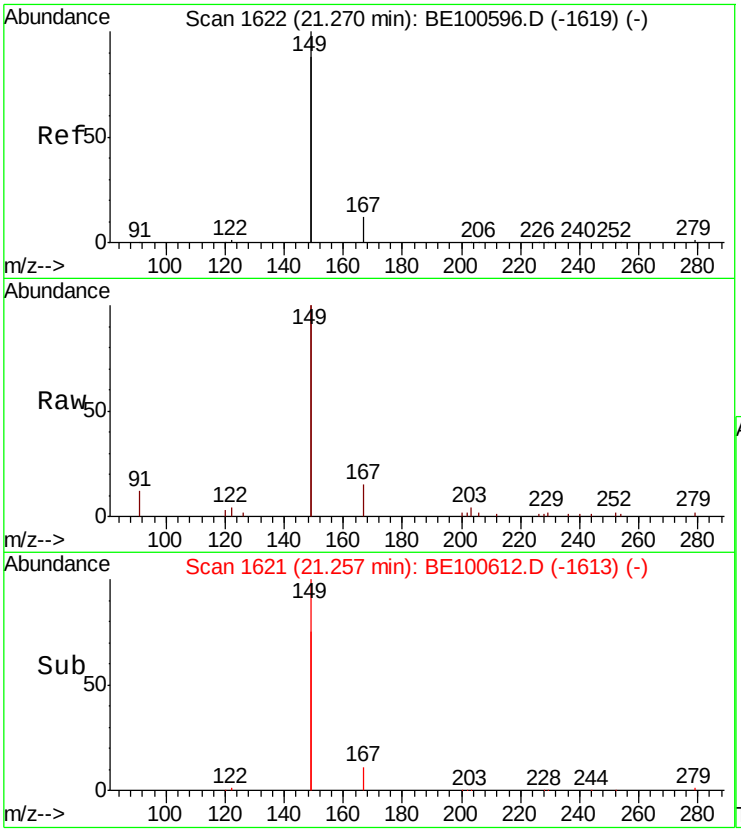


#29
Terphenyl-d14
Concen: 0.553 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Tgt Ion:244 Resp: 37802

Ion	Ratio	Lower	Upper
244	100		
212	28.5	20.6	31.0
122	11.9	6.5	9.7#



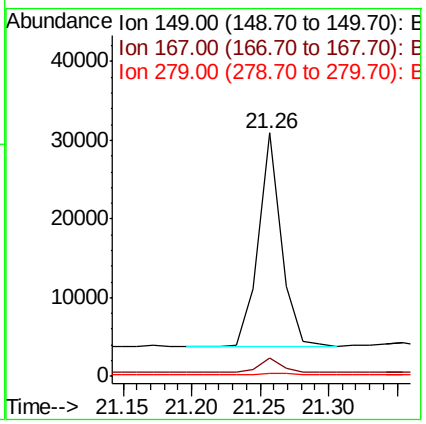


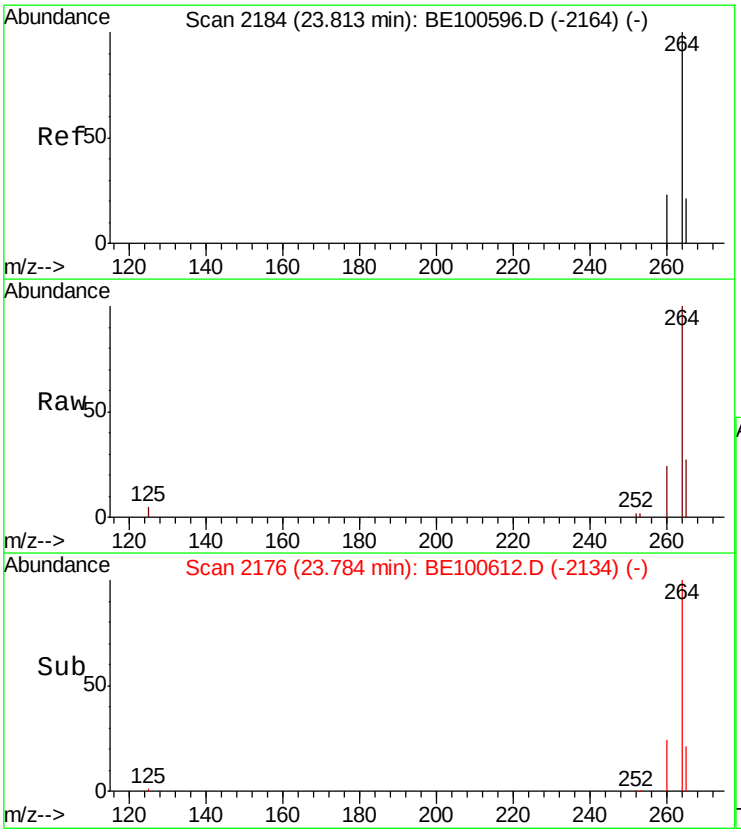
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.191 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE100612.D
Acq: 8 Oct 2019 17:16

Instrument :
BNA_E
ClientSampleId :
DUP-1

Tgt Ion:149 Resp: 31524

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.3	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: BE100612.D
Acq: 8 Oct 2019 17:16

Tgt Ion:264 Resp: 35564

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	27.1	20.9	31.3