Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
Data File : BE100833.D
Acq On : 11 Dec 2019 5:27
Operator : JU
Sample : K6185-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE103D2-20191204

Quant Time: Dec 11 13:02:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5710	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	26713	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	15709	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	37189	0.40	ng	-0.01
27) Chrysene-d12	21.30	240	32429	0.40	ng	0.00
34) Perylene-d12	23.75	264	36889	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2767	0.20	ng	0.00
5) Phenol-d6	6.93	99	2594	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6973	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	17138	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1395	0.80	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	23195	0.37	ng	-0.01
25) Fluoranthene-d10	19.16	212	174441	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	34622	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	5822	0.559	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.23	149	8718	0.081	ng	# 95

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

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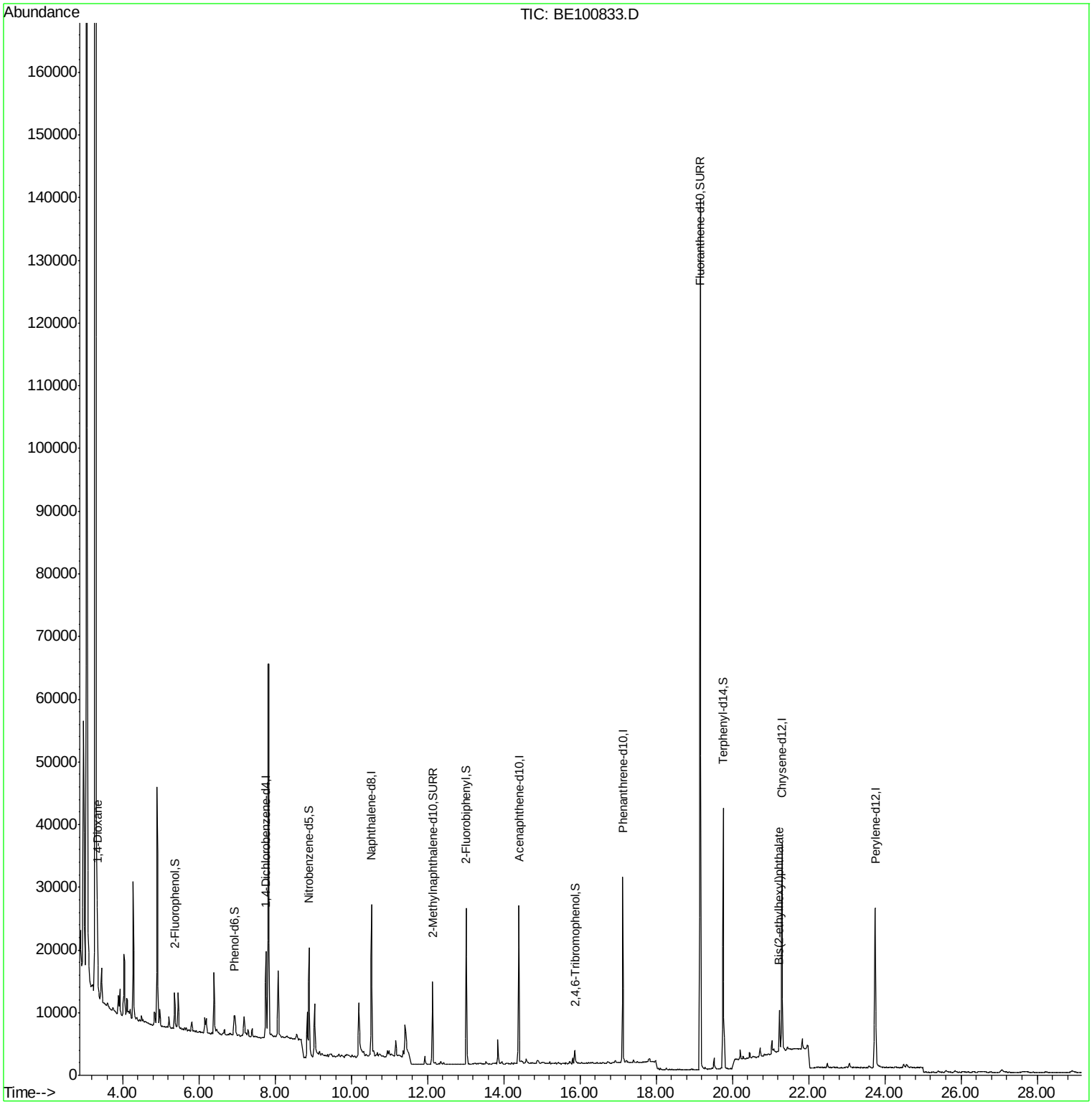
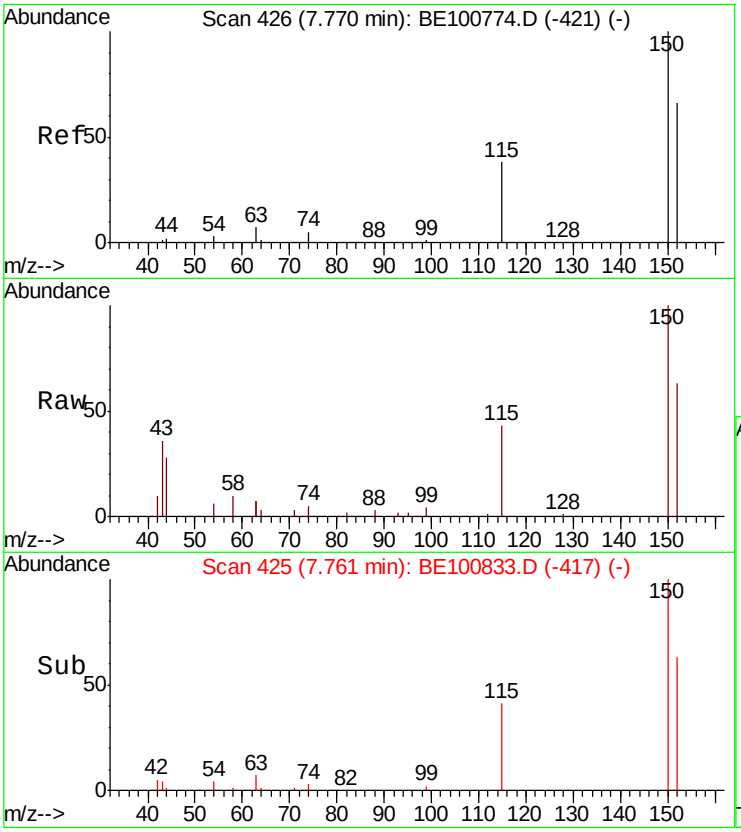


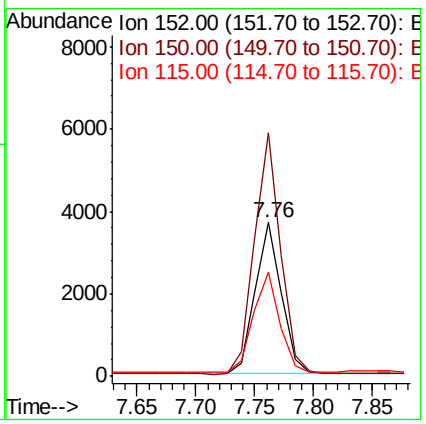


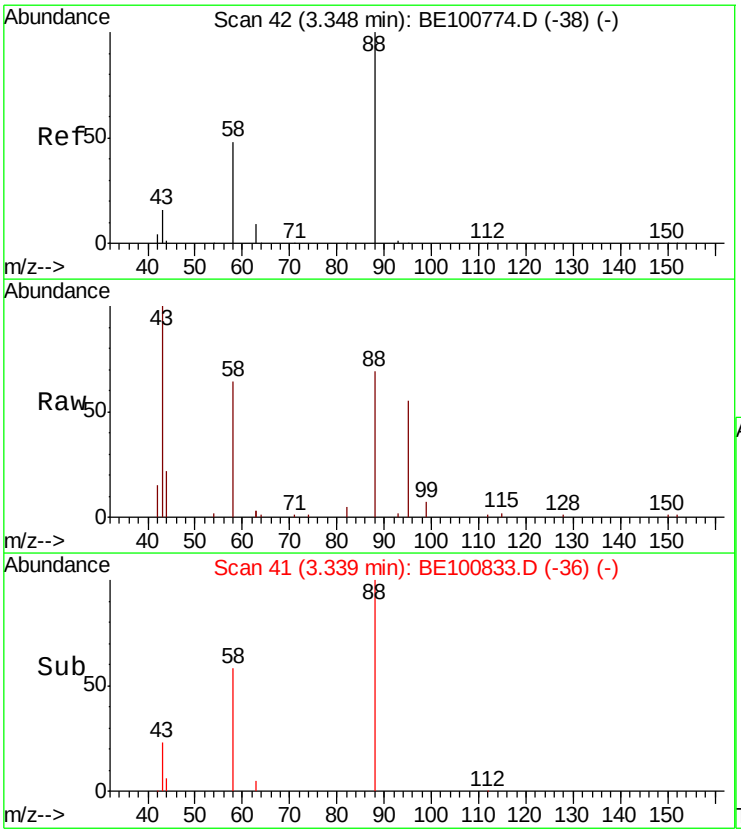
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Instrument :
BNA_E
ClientSampleId :
RE103D2-20191204

Tgt Ion:152 Resp: 5710

Ion	Ratio	Lower	Upper
152	100		
150	158.5	120.6	181.0
115	67.5	47.4	71.2

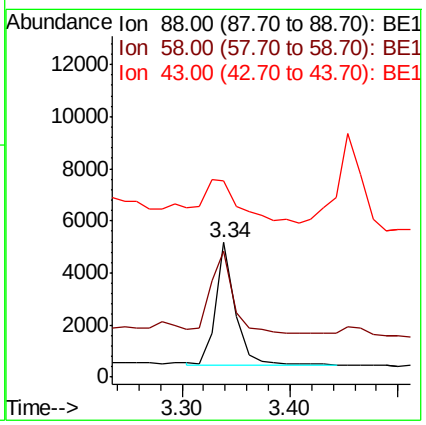


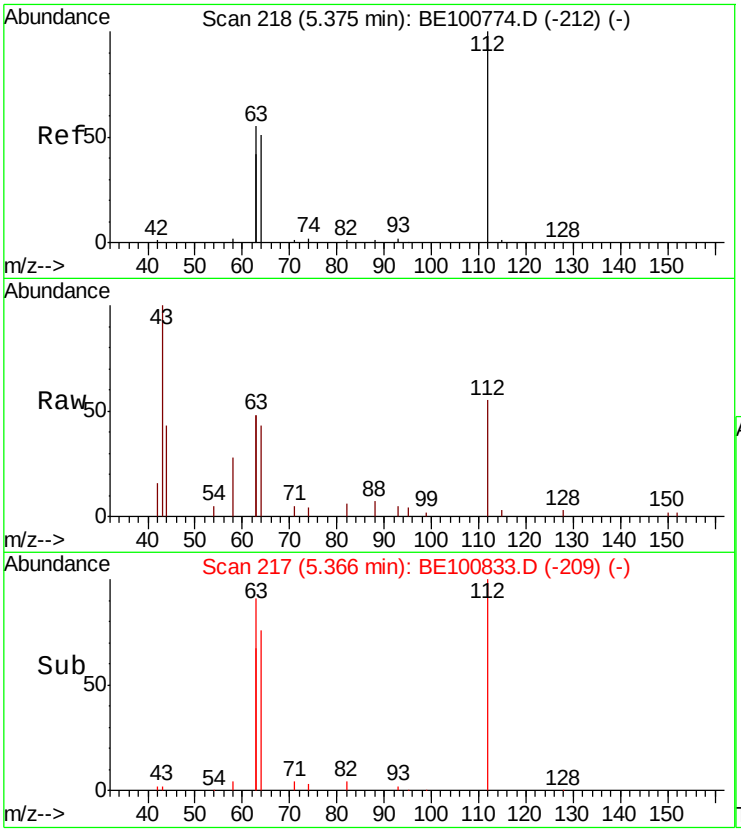


#2
1,4-Dioxane
Concen: 0.559 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Tgt Ion: 88 Resp: 5822

Ion	Ratio	Lower	Upper
88	100		
58	79.5	52.5	78.7#
43	66.7	23.0	34.6#



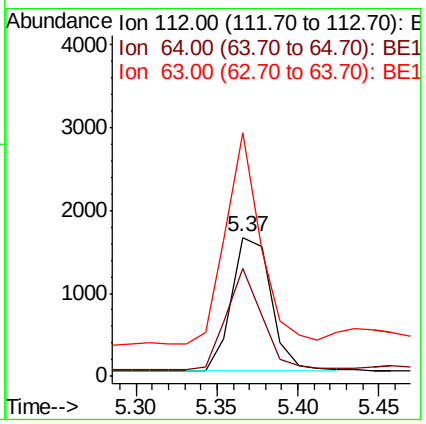


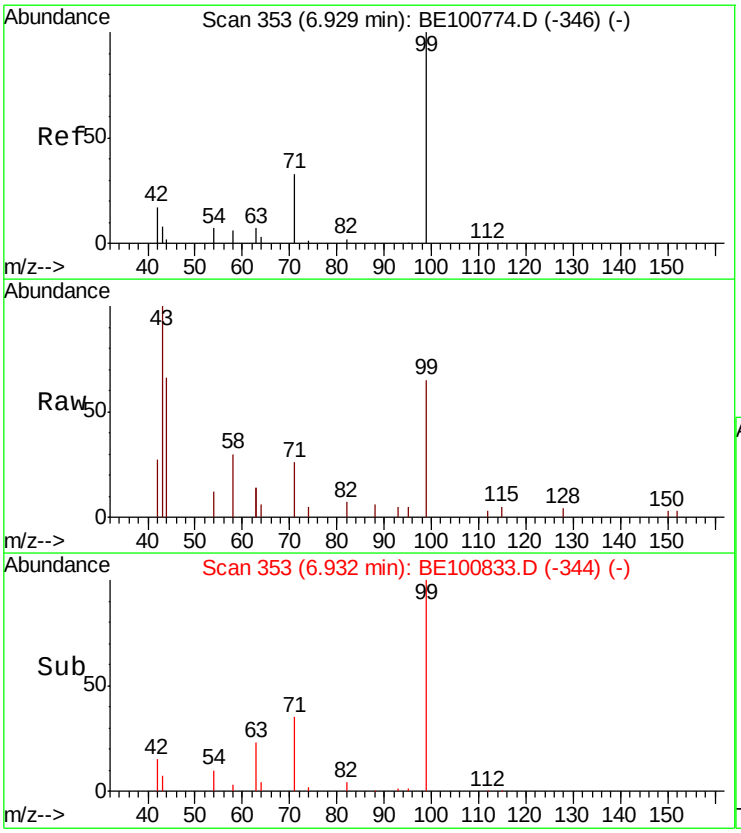
#4
2-Fluorophenol
Concen: 0.204 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Instrument :
BNA_E
ClientSampleId :
RE103D2-20191204

Tgt Ion:112 Resp: 2767

Ion	Ratio	Lower	Upper
112	100		
64	66.8	54.1	81.1
63	139.1	113.2	169.8

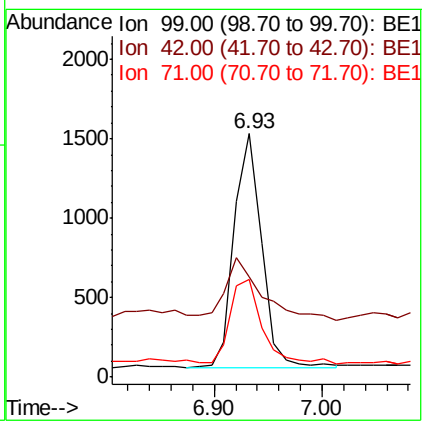


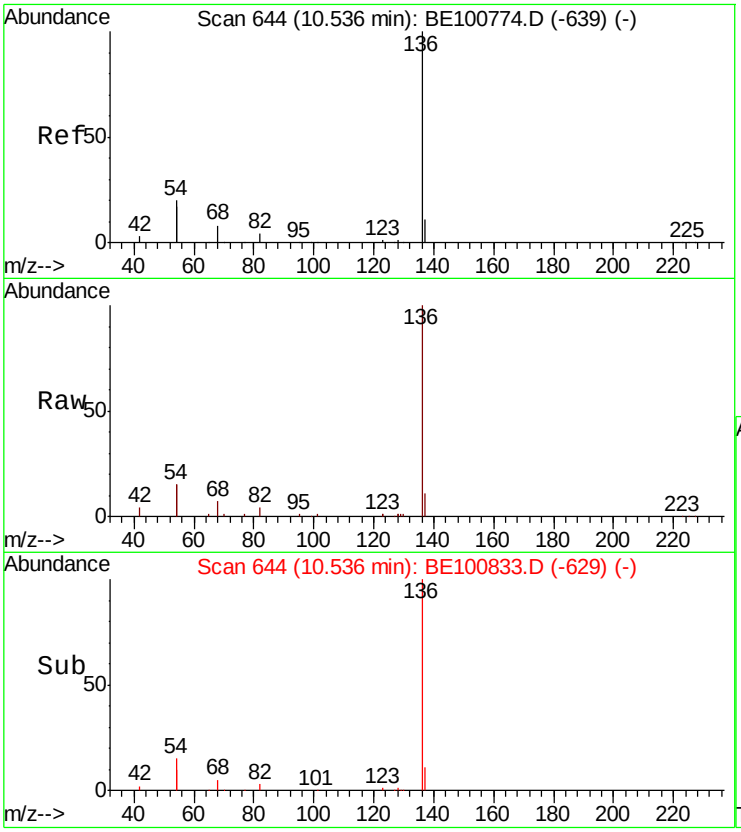


#5
Phenol-d6
Concen: 0.127 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Tgt Ion: 99 Resp: 2594

Ion	Ratio	Lower	Upper
99	100		
42	35.1	19.1	28.7#
71	41.5	27.7	41.5



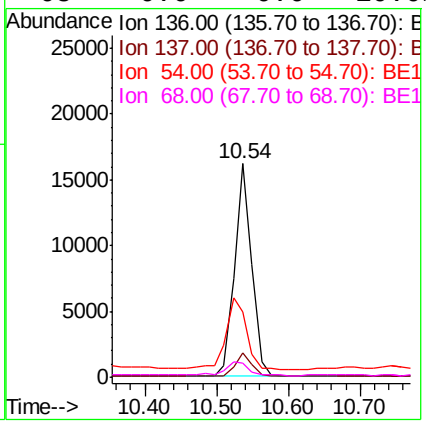


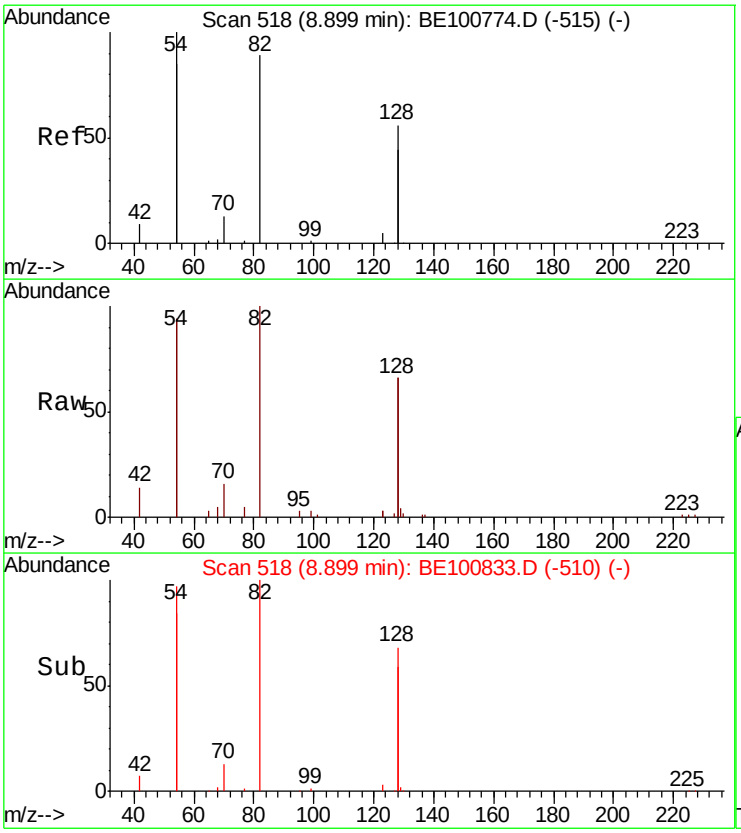
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Instrument :
BNA_E
ClientSampleId :
RE103D2-20191204

Tgt Ion:136 Resp: 26713

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	30.5	31.1	46.7#
68	6.6	6.6	10.0#

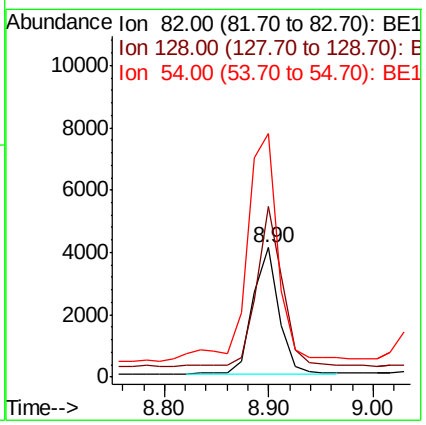


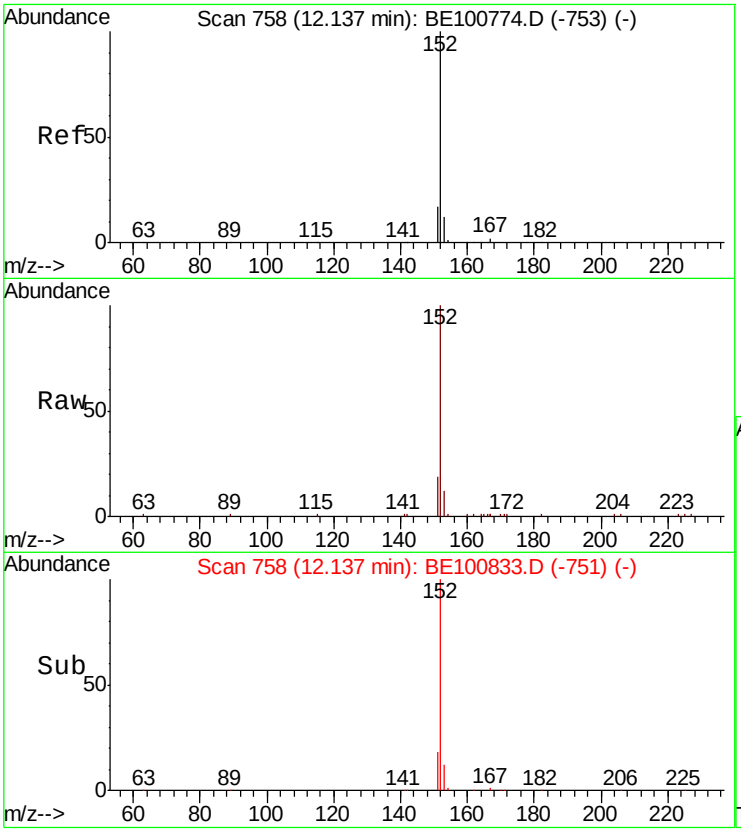


#8
Nitrobenzene-d5
Concen: 0.548 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Tgt Ion: 82 Resp: 6973

Ion	Ratio	Lower	Upper
82	100		
128	131.8	97.0	145.4
54	187.8	171.8	257.6



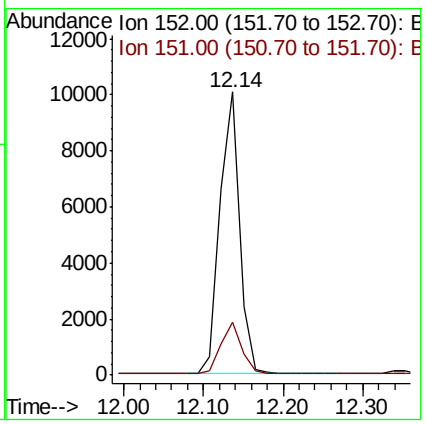


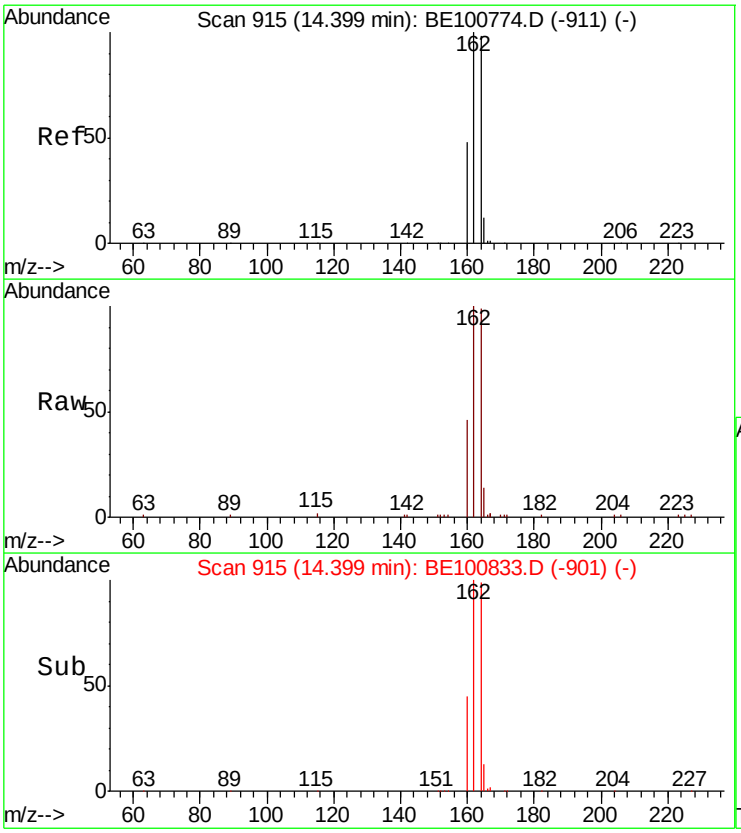
#11
2-Methylnaphthalene-d10
Concen: 0.443 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Instrument :
BNA_E
ClientSampleId :
RE103D2-20191204

Tgt Ion:152 Resp: 17138

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8

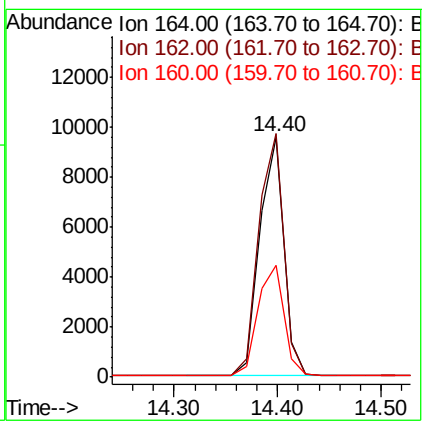


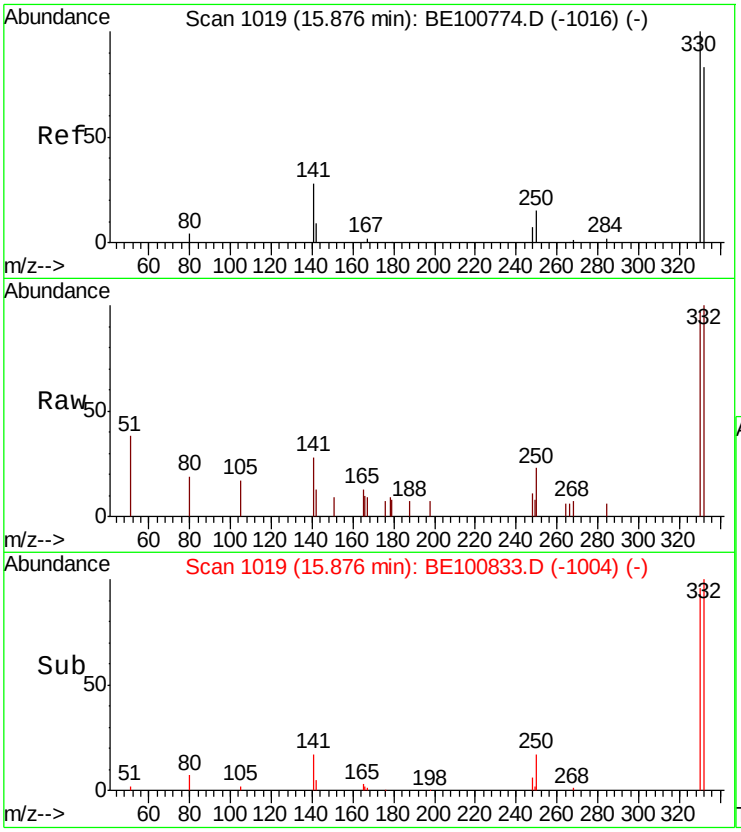


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Tgt Ion:164 Resp: 15709

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	46.6	39.4	59.0



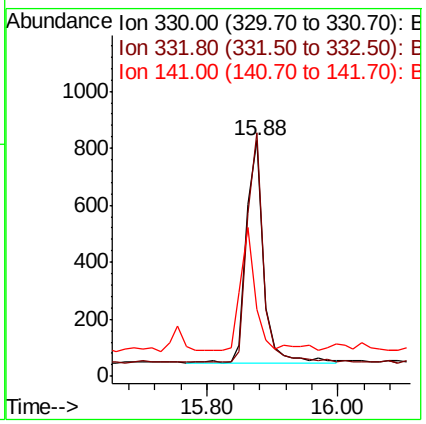


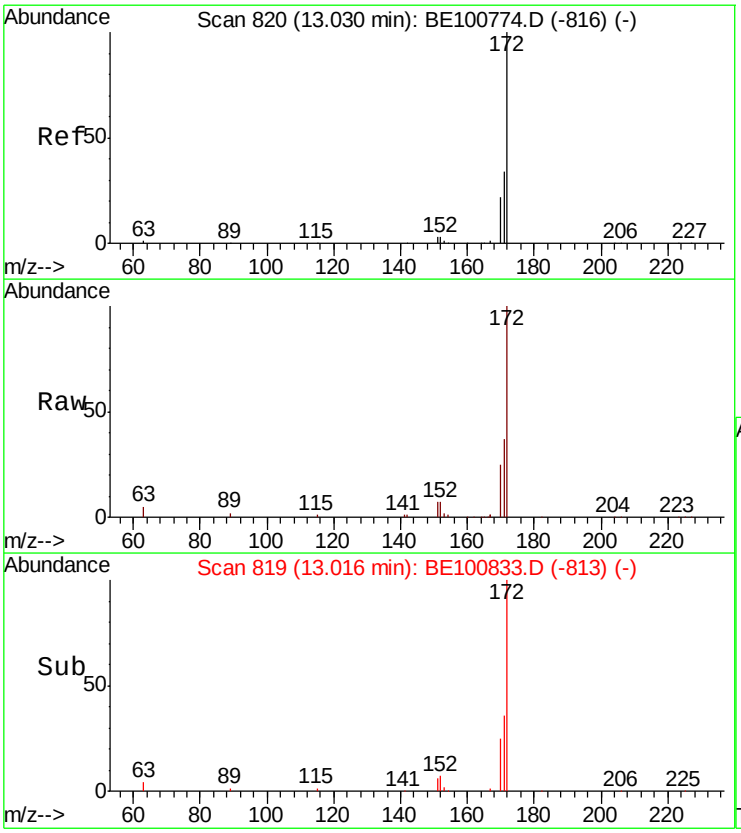
#14
2,4,6-Tribromophenol
Concen: 0.798 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Instrument :
BNA_E
ClientSampleId :
RE103D2-20191204

Tgt Ion:330 Resp: 1395

Ion	Ratio	Lower	Upper
330	100		
332	97.9	69.4	104.2
141	50.3	51.1	76.7#

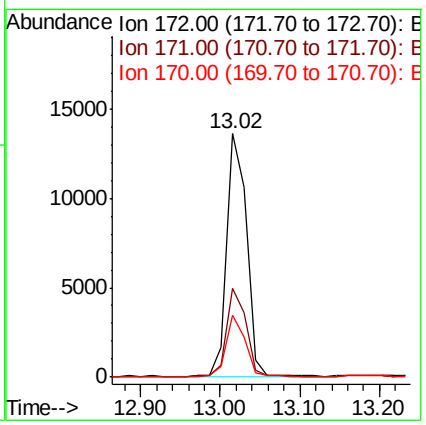


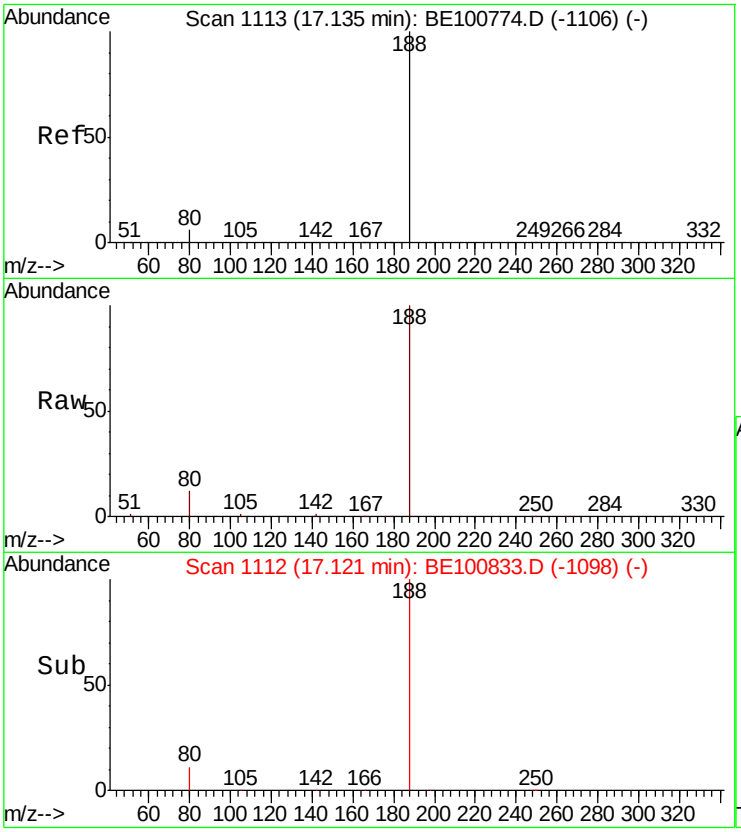


#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Tgt Ion:172 Resp: 23195

Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.2	40.8
170	25.2	18.0	27.0



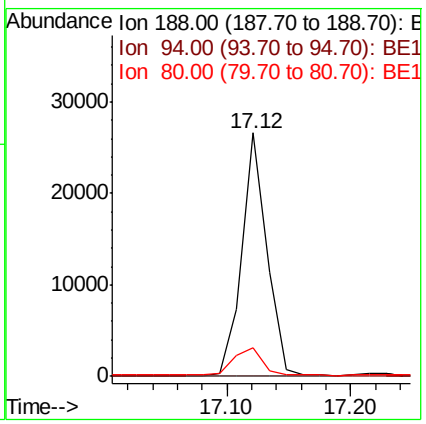


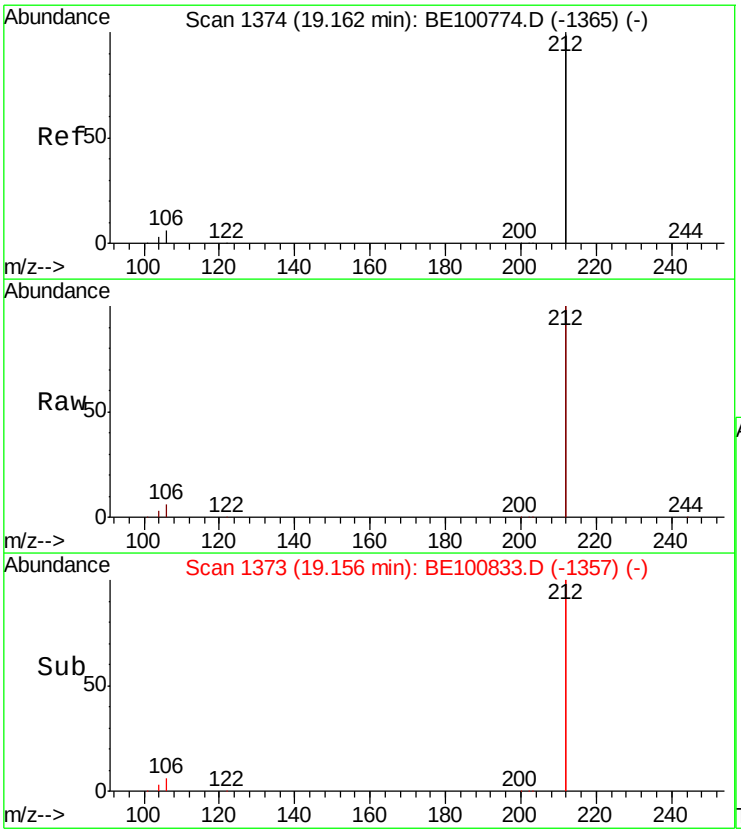
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Instrument :
BNA_E
ClientSampleId :
RE103D2-20191204

Tgt Ion:188 Resp: 37189

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	5.2	7.8#

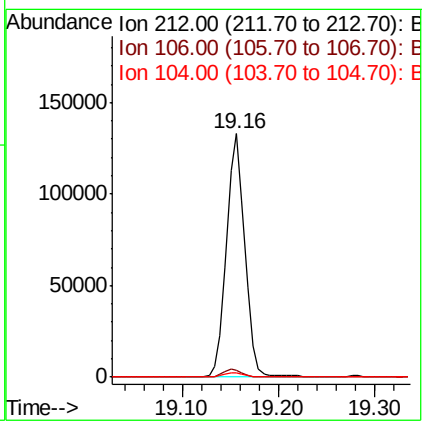


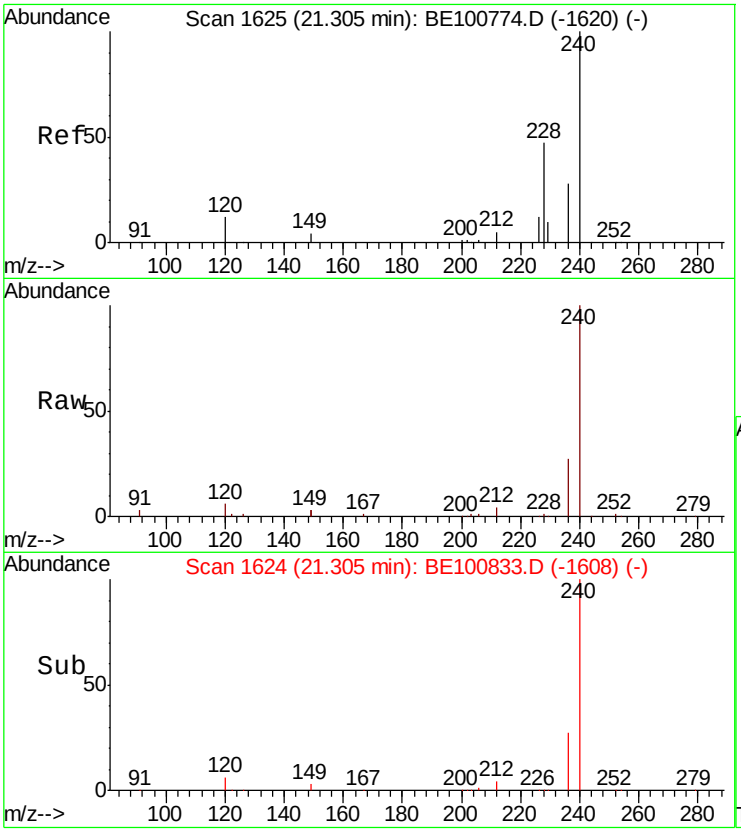


#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Tgt Ion:212 Resp: 174441

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	2.0	1.4	2.2



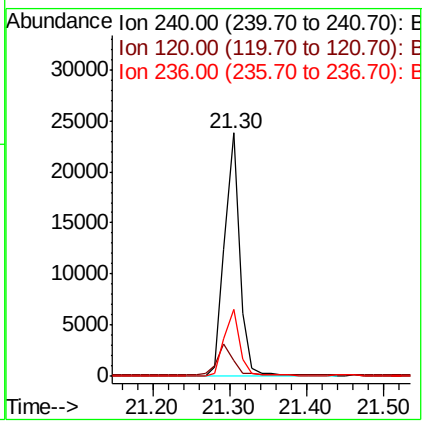


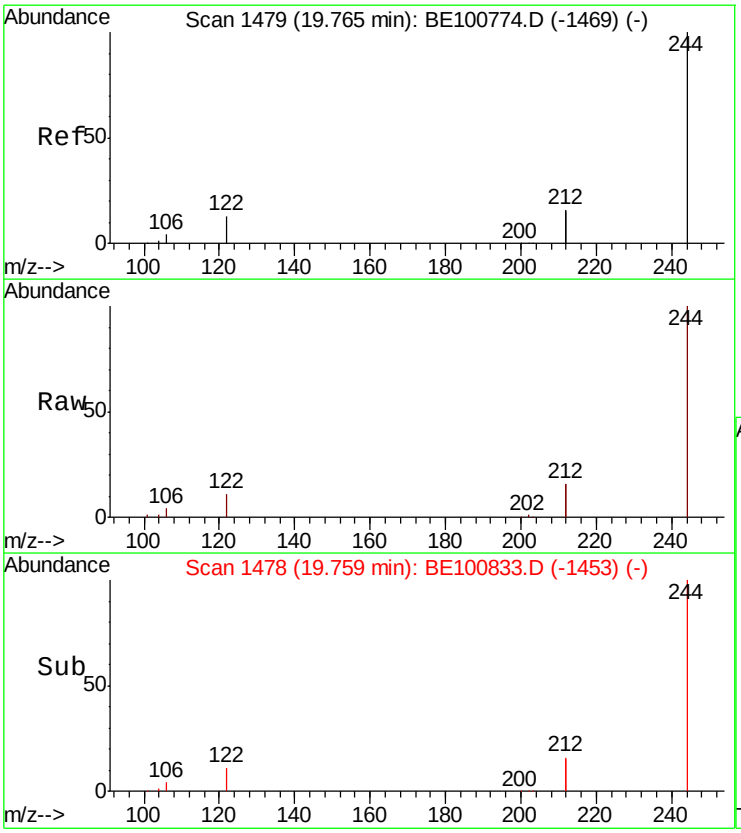
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Instrument :
BNA_E
ClientSampleId :
RE103D2-20191204

Tgt Ion:240 Resp: 32429

Ion	Ratio	Lower	Upper
240	100		
120	6.5	10.2	15.2#
236	27.3	22.3	33.5

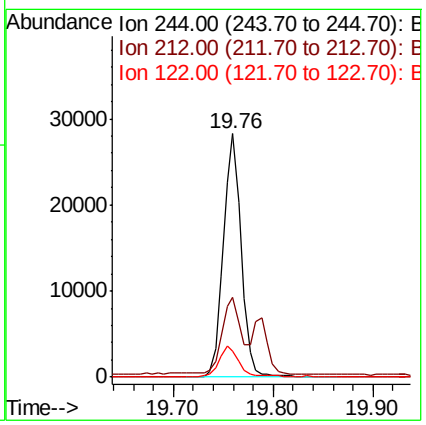


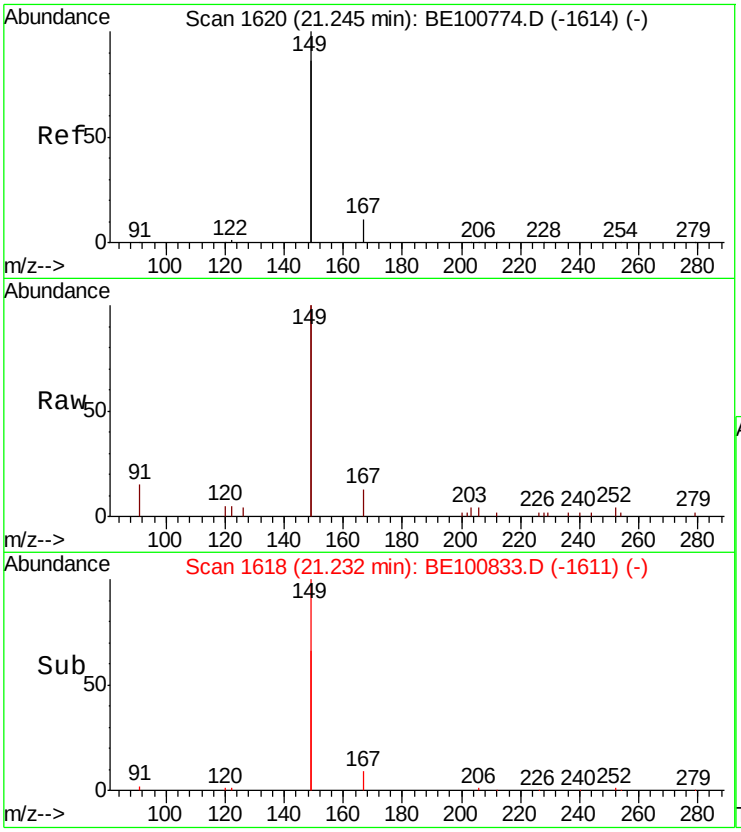


#29
Terphenyl-d14
Concen: 0.446 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Tgt Ion:244 Resp: 34622

Ion	Ratio	Lower	Upper
244	100		
212	32.7	26.2	39.4
122	10.9	10.2	15.4



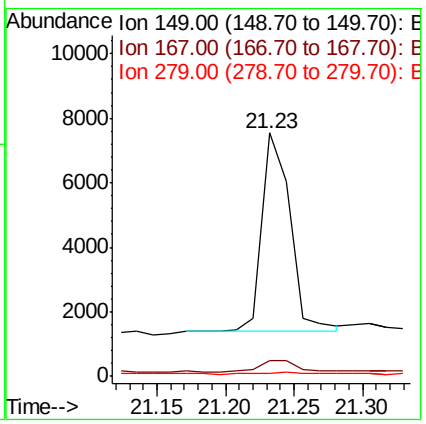


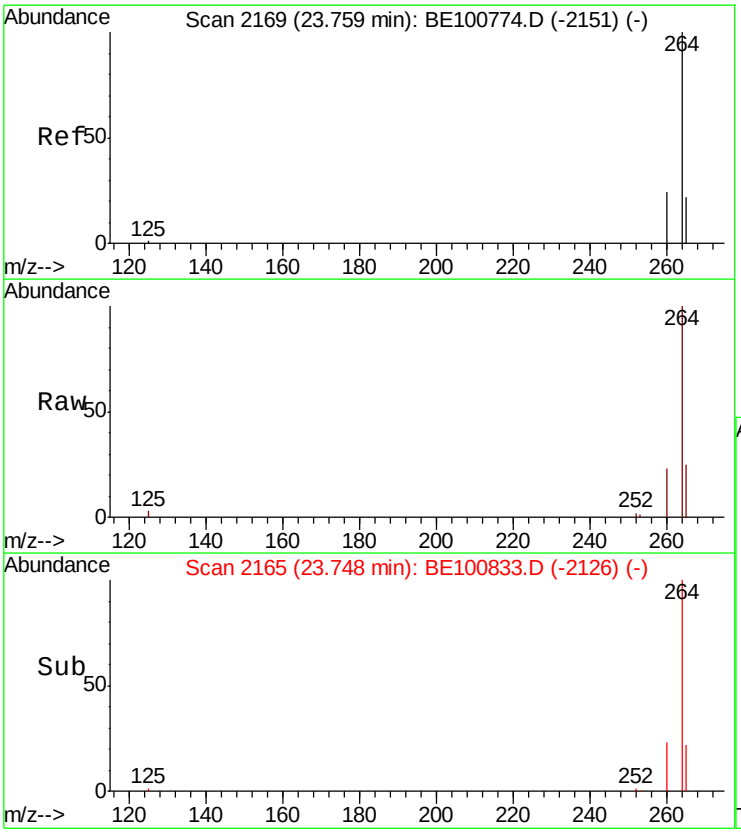
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.23 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Instrument :
BNA_E
ClientSampleId :
RE103D2-20191204

Tgt Ion:149 Resp: 8718

Ion	Ratio	Lower	Upper
149	100		
167	8.2	5.0	7.6#
279	1.5	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE100833.D
Acq: 11 Dec 2019 5:27

Tgt Ion:264 Resp: 36889

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	24.8	21.8	32.8