Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
Data File : BE100827.D
Acq On : 11 Dec 2019 1:43
Operator : JU
Sample : K6184-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE109D2-20191204

Quant Time: Dec 11 05:42:35 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	5305	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	24383	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14373	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33603	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	28359	0.40	ng	0.00
34) Perylene-d12	23.75	264	36092	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1927	0.15	ng	0.00
5) Phenol-d6	6.93	99	1850	0.10	ng	0.00
8) Nitrobenzene-d5	8.90	82	5352	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	13069	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	753	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	18412	0.32	ng	-0.01
25) Fluoranthene-d10	19.16	212	131627	0.33	ng	0.00
29) Terphenyl-d14	19.76	244	27134	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	27856	2.880	ng	# 88
6) bis(2-Chloroethyl)ether	7.19	93	424	0.023	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.23	149	7786	0.084	ng	99

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

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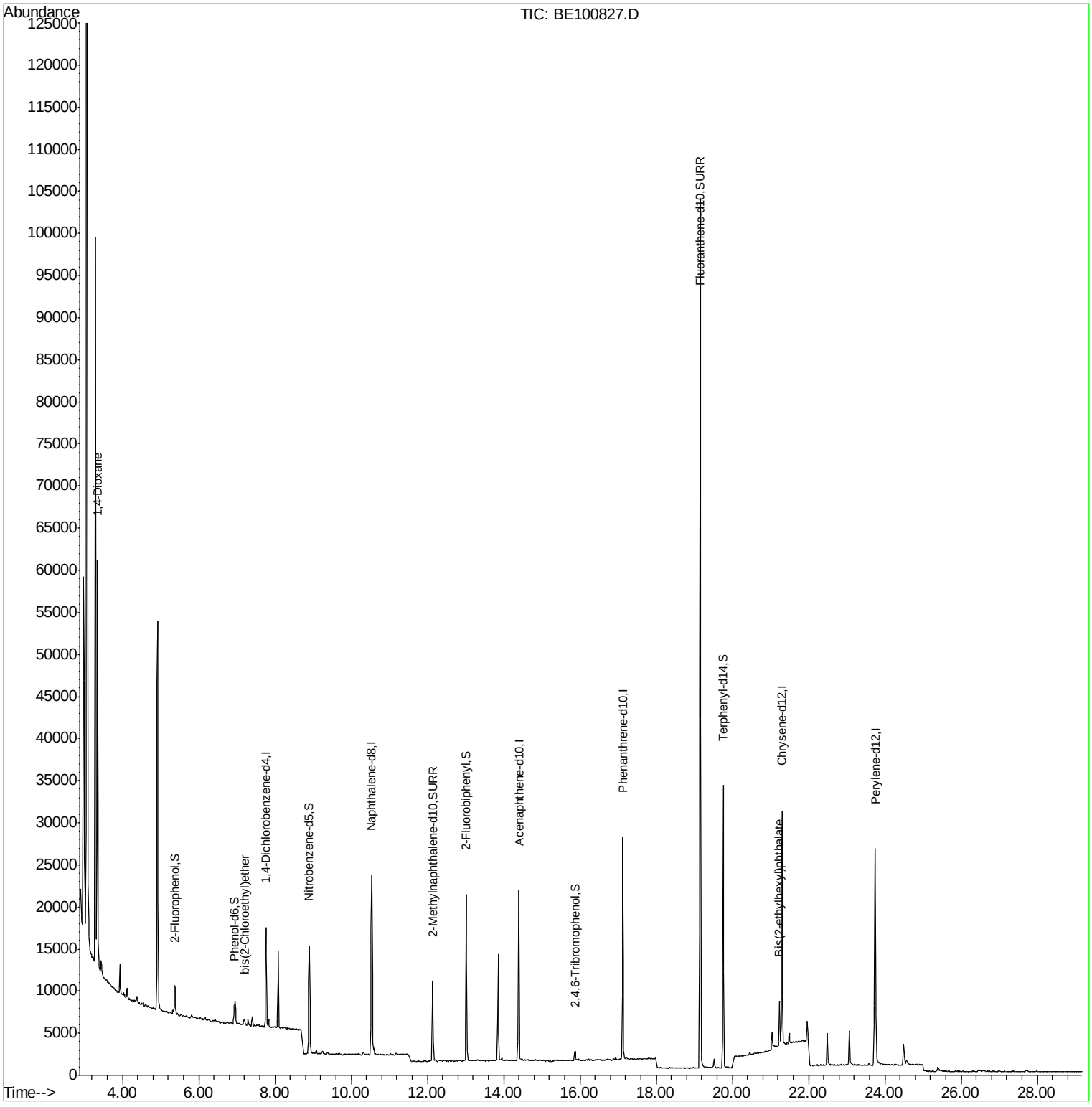
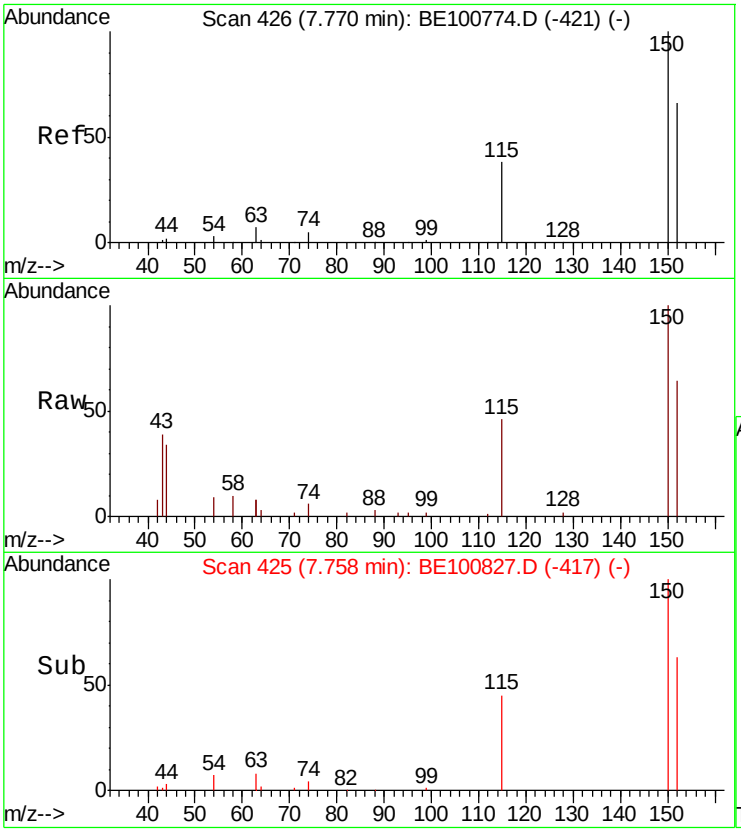


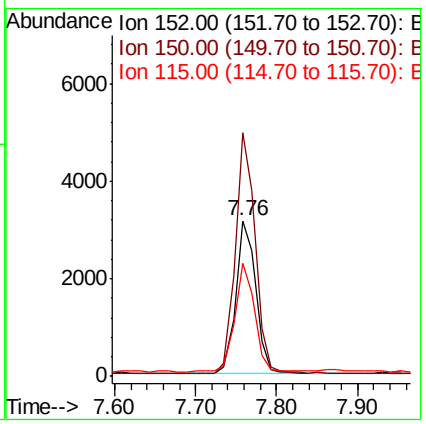


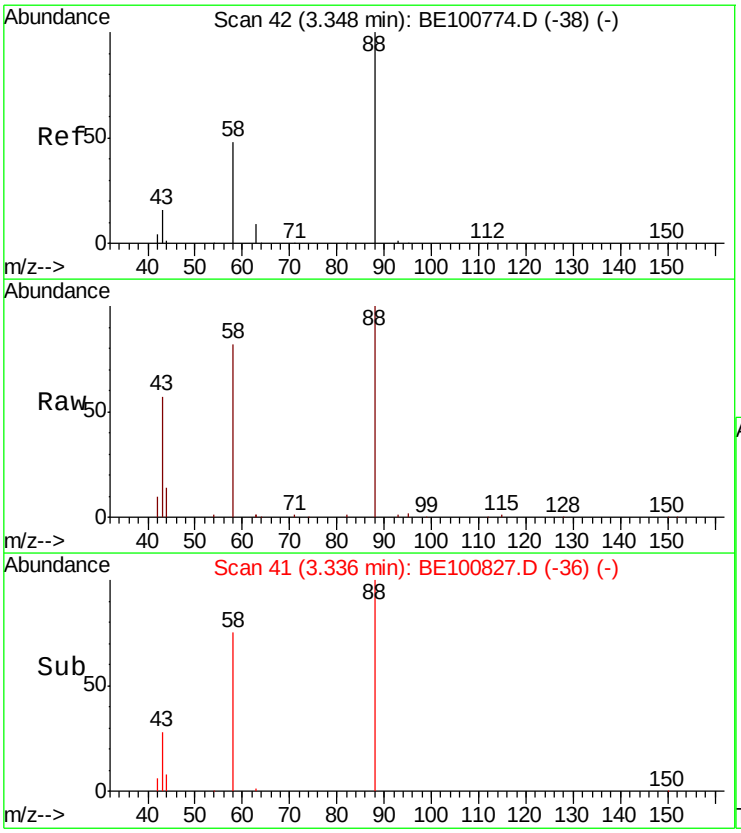
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Instrument :
BNA_E
ClientSampleId :
RE109D2-20191204

Tgt Ion:152 Resp: 5305

Ion	Ratio	Lower	Upper
152	100		
150	156.7	120.6	181.0
115	72.7	47.4	71.2#

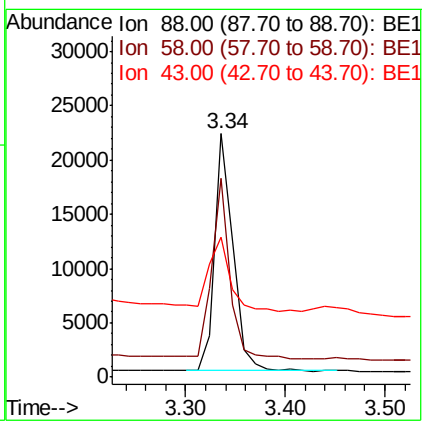


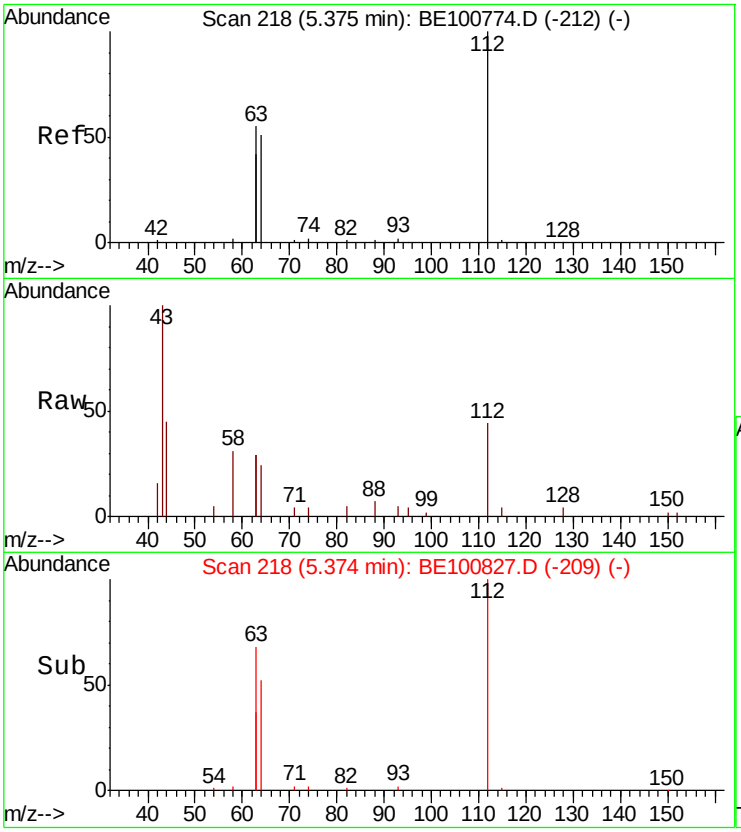


#2
1,4-Dioxane
Concen: 2.880 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Tgt Ion: 88 Resp: 27856

Ion	Ratio	Lower	Upper
88	100		
58	73.9	52.5	78.7
43	36.3	23.0	34.6#



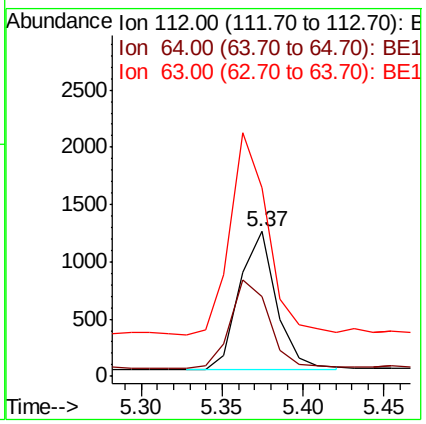


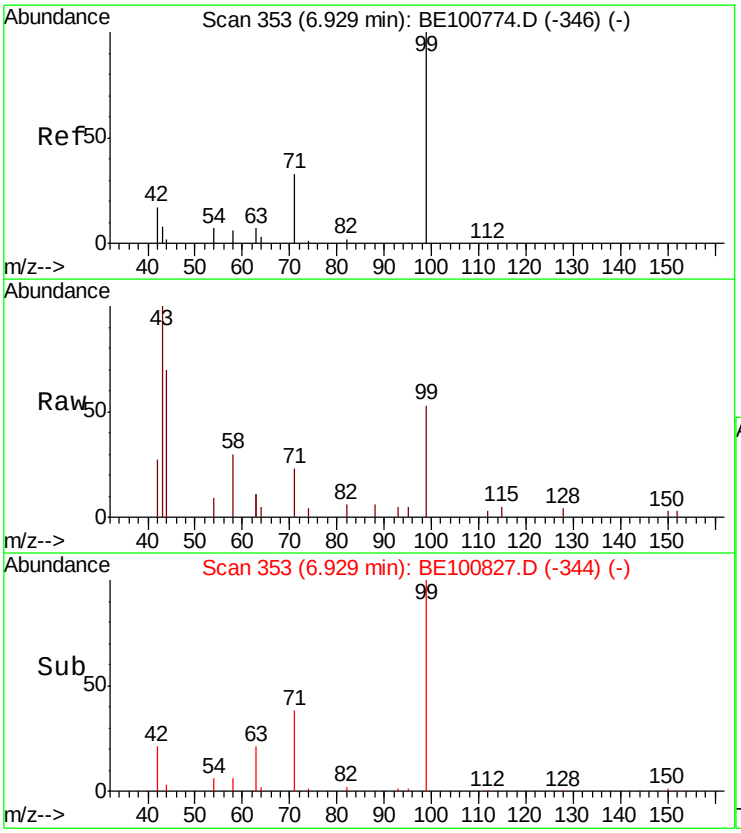
#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Instrument :
BNA_E
ClientSampleId :
RE109D2-20191204

Tgt Ion:112 Resp: 1927

Ion	Ratio	Lower	Upper
112	100		
64	66.5	54.1	81.1
63	147.3	113.2	169.8

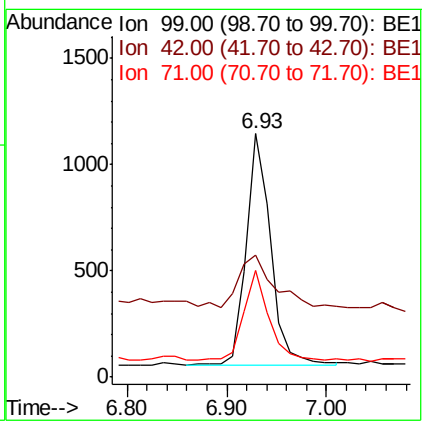


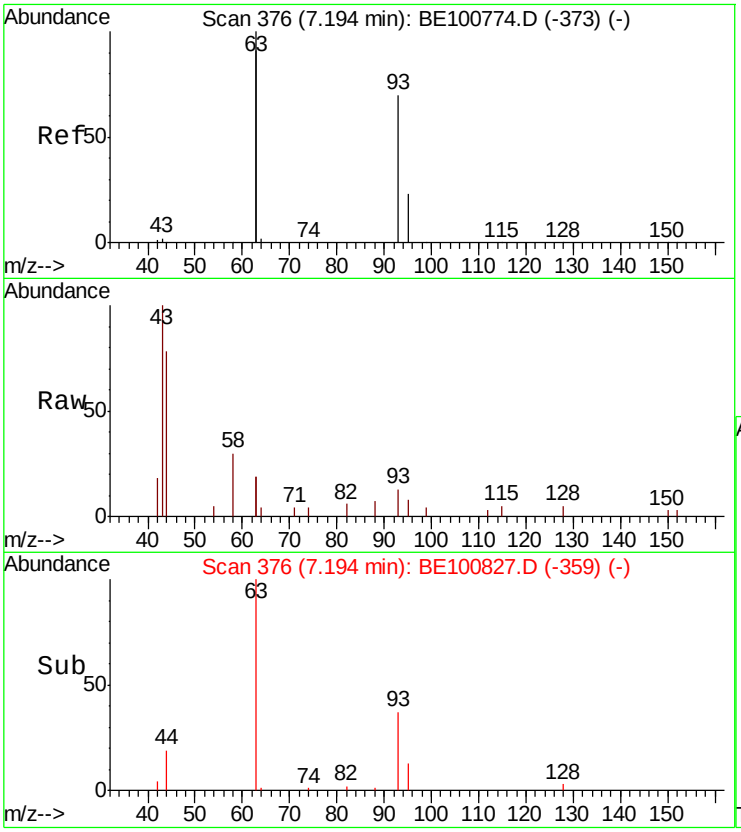


#5
Phenol-d6
Concen: 0.097 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Tgt Ion: 99 Resp: 1850

Ion	Ratio	Lower	Upper
99	100		
42	34.2	19.1	28.7#
71	40.2	27.7	41.5



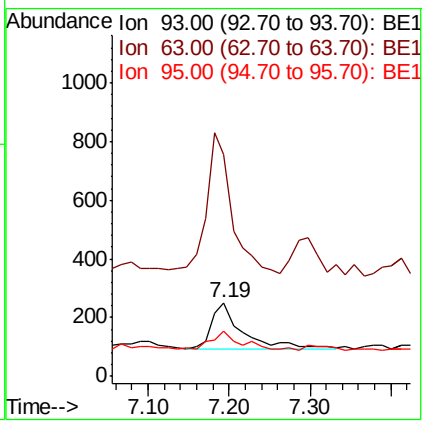


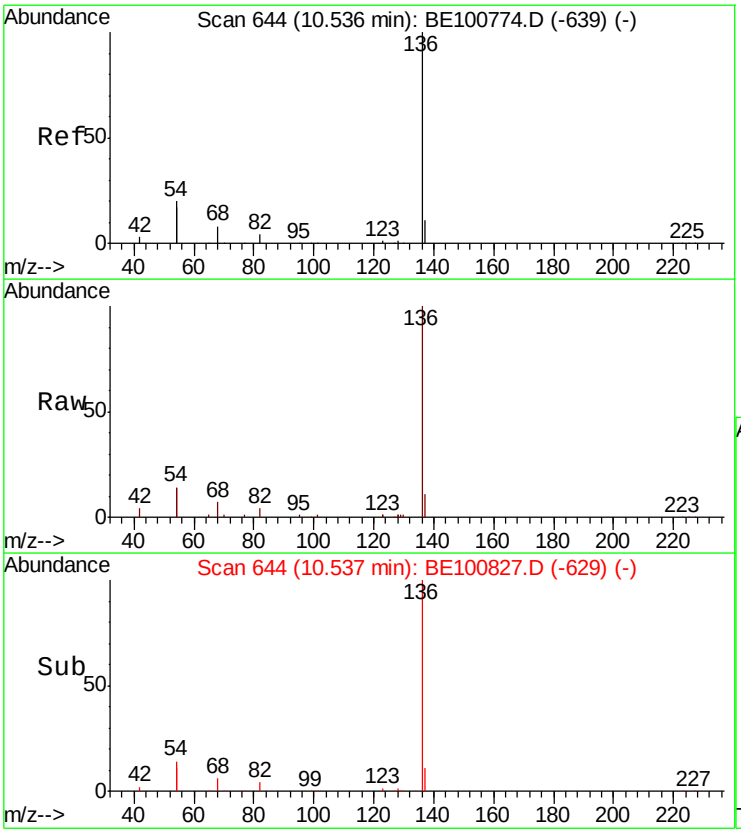
#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Instrument :
BNA_E
ClientSampleId :
RE109D2-20191204

Tgt Ion: 93 Resp: 424

Ion	Ratio	Lower	Upper
93	100		
63	242.5	259.4	389.0#
95	37.3	26.2	39.2

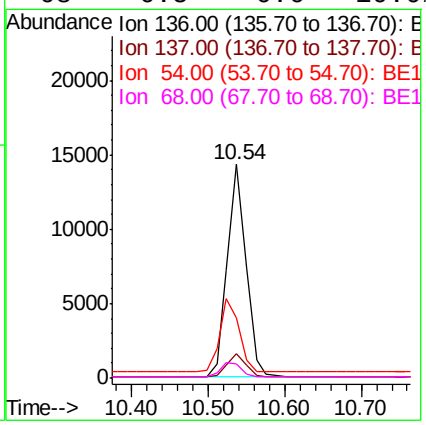


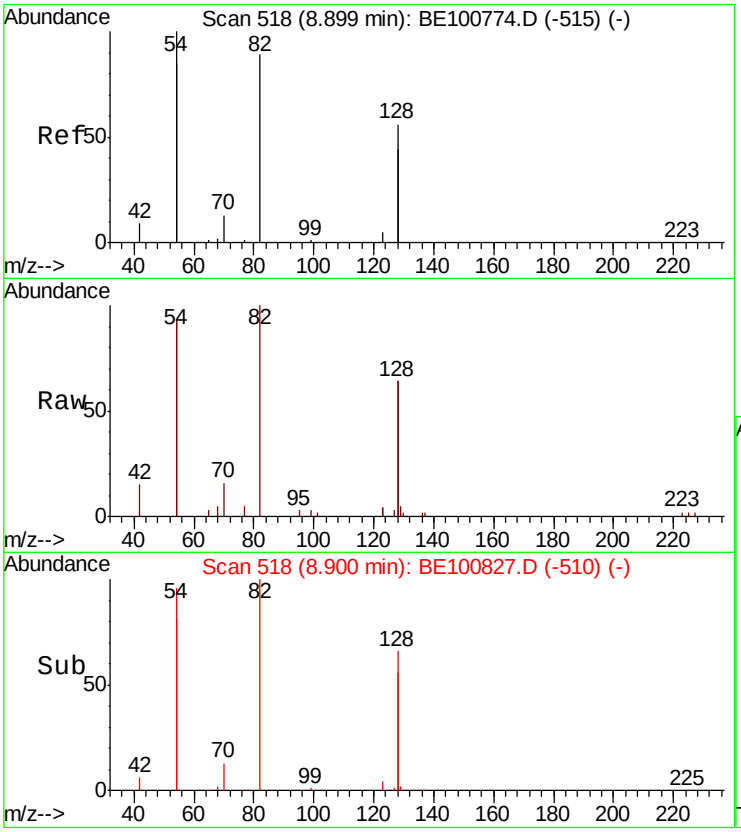


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Tgt Ion:136 Resp: 24383

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	28.3	31.1	46.7#
68	6.5	6.6	10.0#



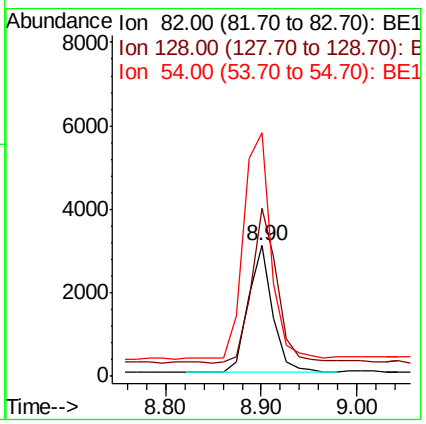


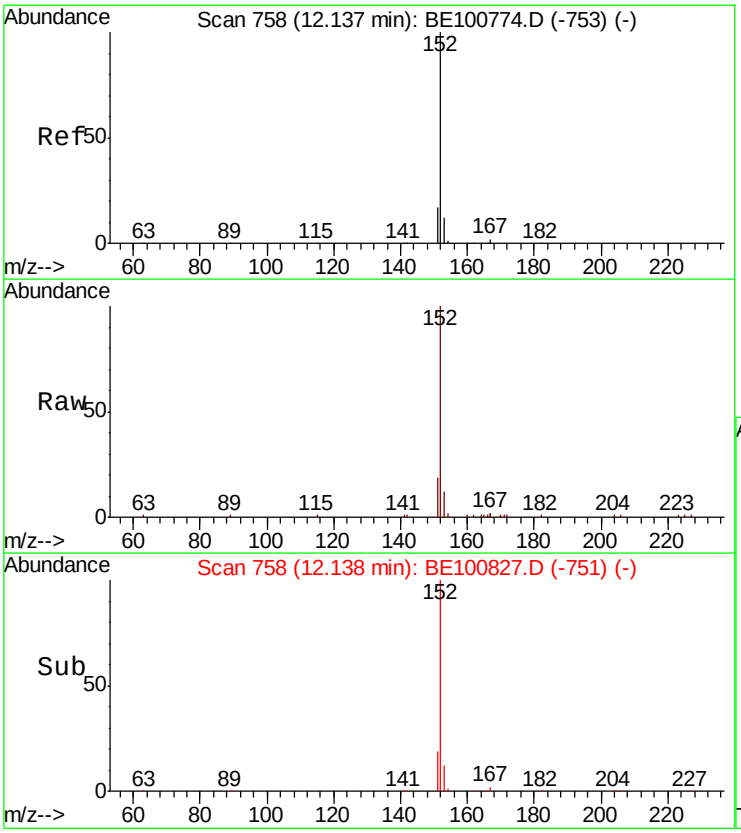
#8
Nitrobenzene-d5
Concen: 0.461 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Instrument :
BNA_E
ClientSampleId :
RE109D2-20191204

Tgt Ion: 82 Resp: 5352

Ion	Ratio	Lower	Upper
82	100		
128	128.8	97.0	145.4
54	186.6	171.8	257.6

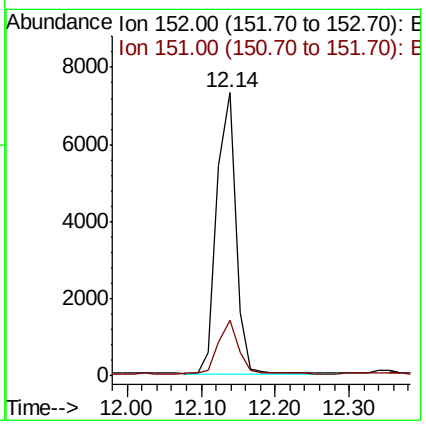


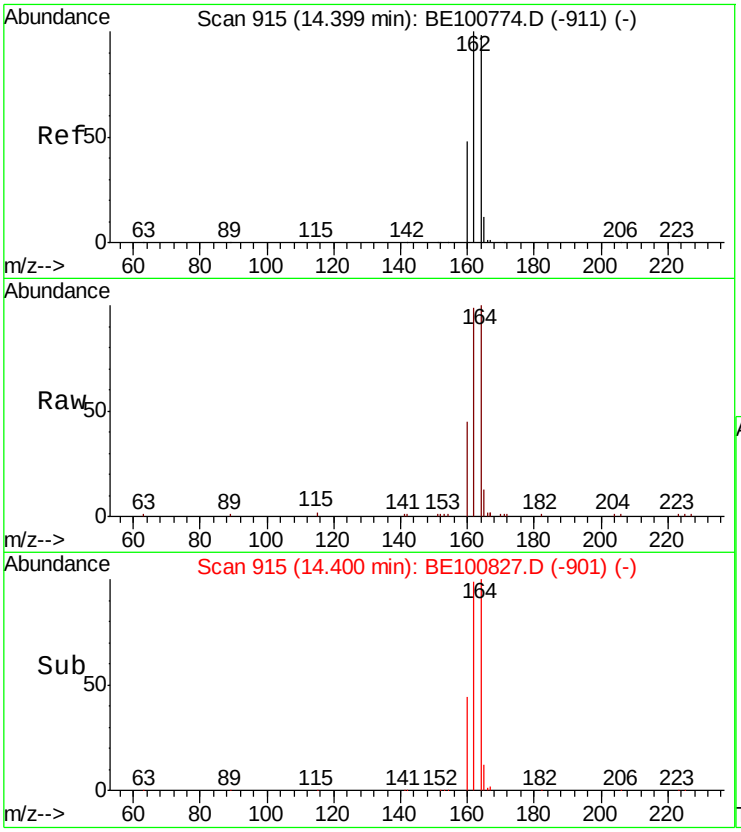


#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Tgt Ion:152 Resp: 13069

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8



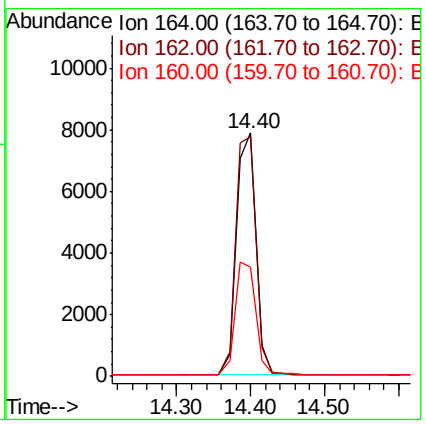


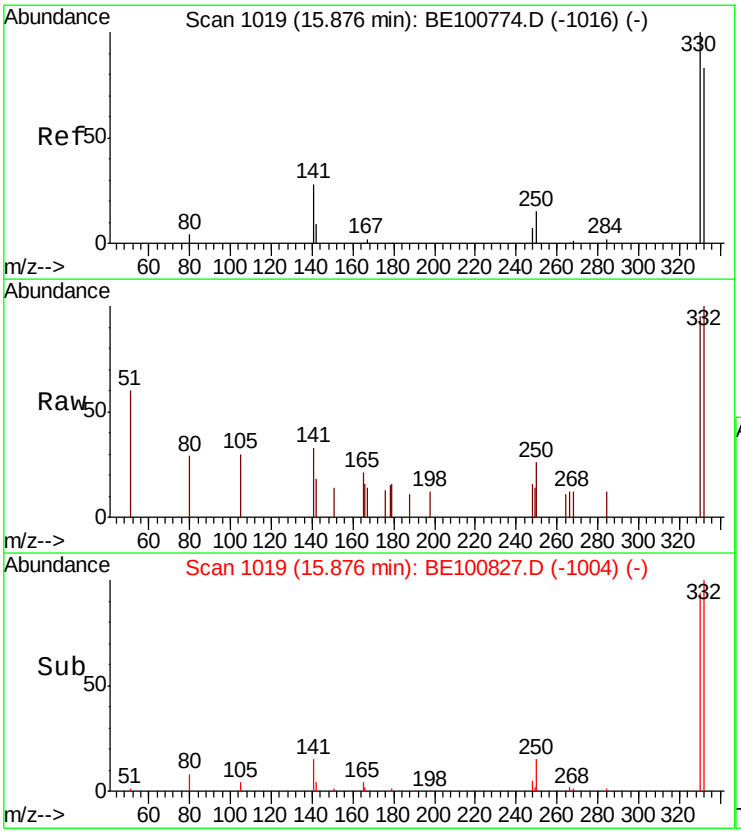
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Instrument :
BNA_E
ClientSampleId :
RE109D2-20191204

Tgt Ion:164 Resp: 14373

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.4	122.0
160	44.7	39.4	59.0

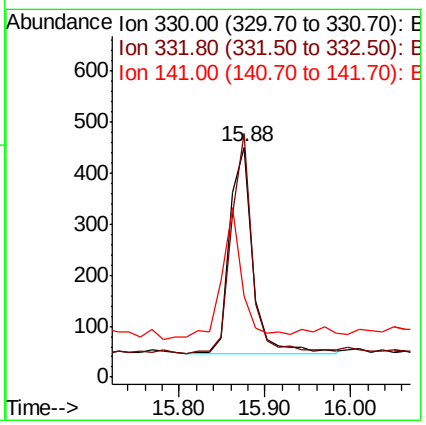


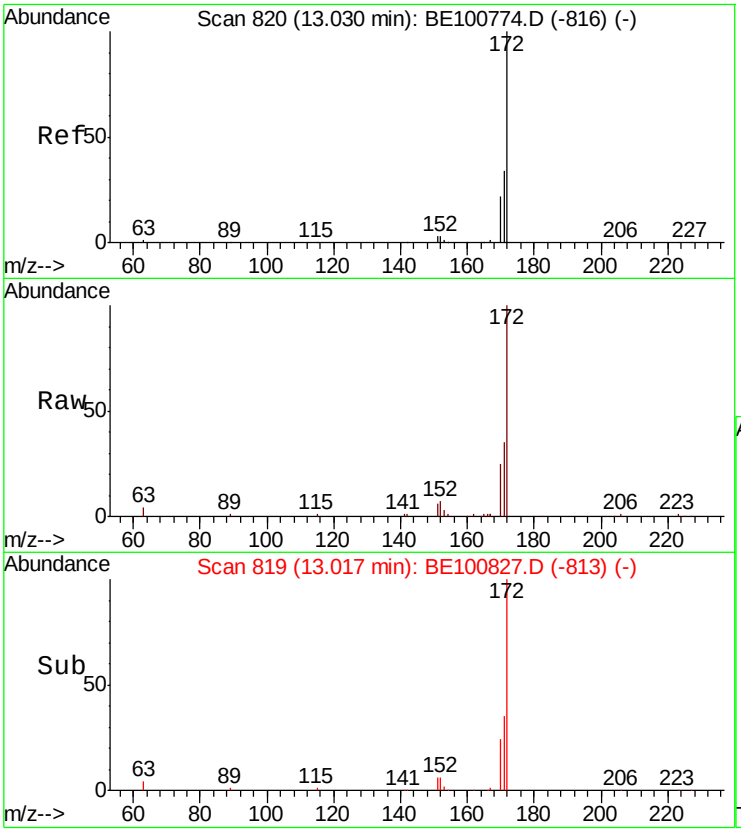


#14
2,4,6-Tribromophenol
Concen: 0.471 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Tgt Ion:330 Resp: 753

Ion	Ratio	Lower	Upper
330	100		
332	97.7	69.4	104.2
141	54.8	51.1	76.7



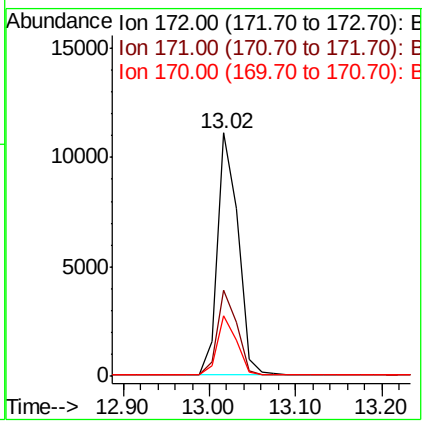


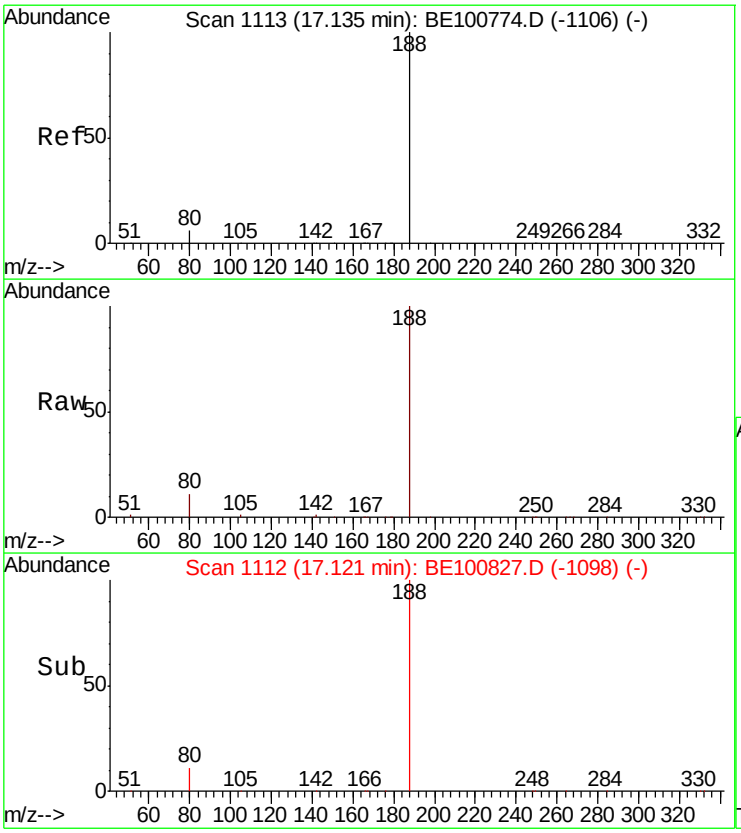
#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Instrument :
BNA_E
ClientSampleId :
RE109D2-20191204

Tgt Ion:172 Resp: 18412

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.2	40.8
170	24.7	18.0	27.0

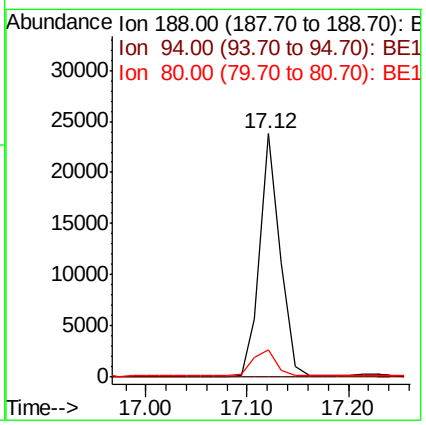


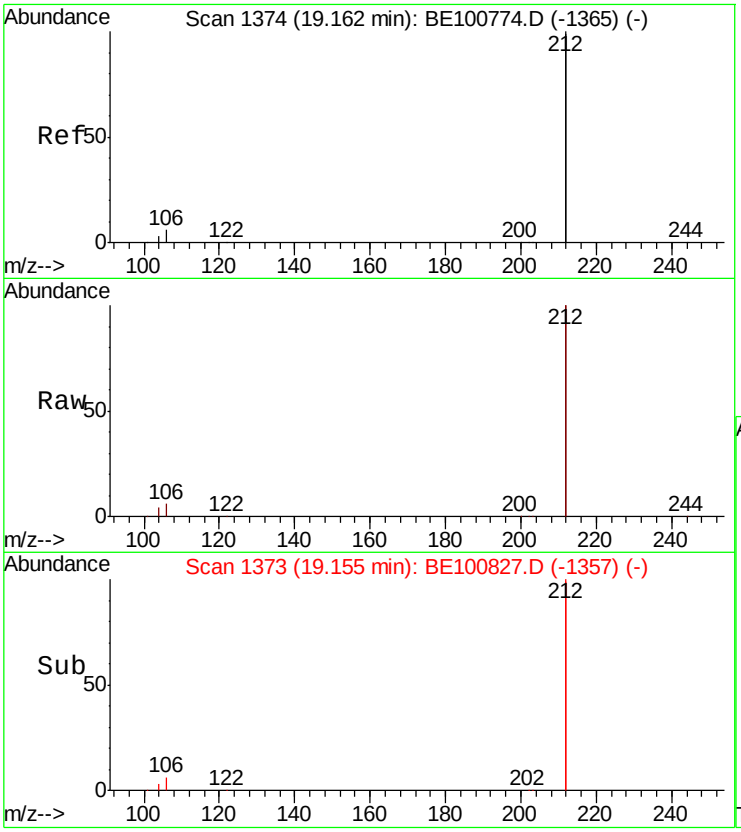


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Tgt Ion:188 Resp: 33603

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	5.2	7.8#



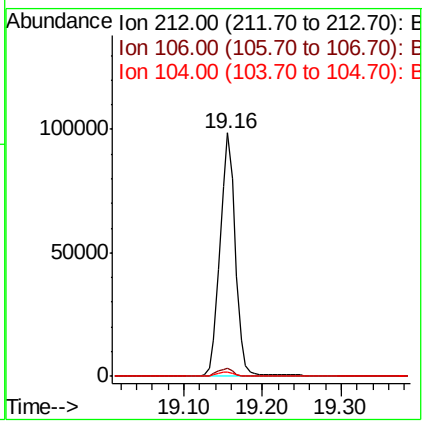


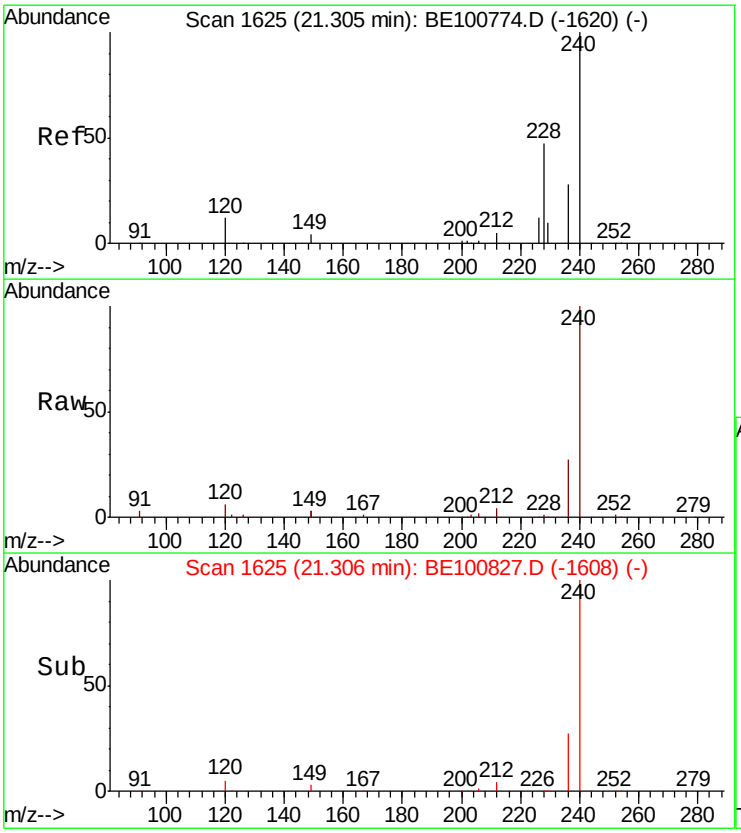
#25
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Instrument :
BNA_E
ClientSampleId :
RE109D2-20191204

Tgt Ion:212 Resp: 131627

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.8	1.4	2.2

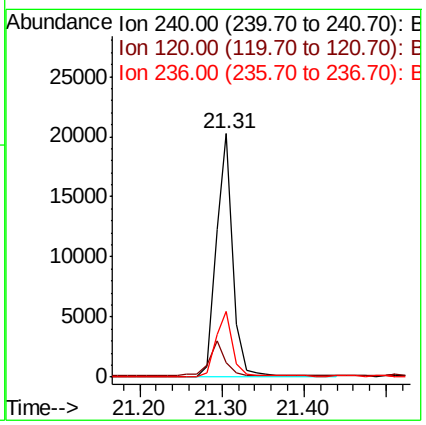


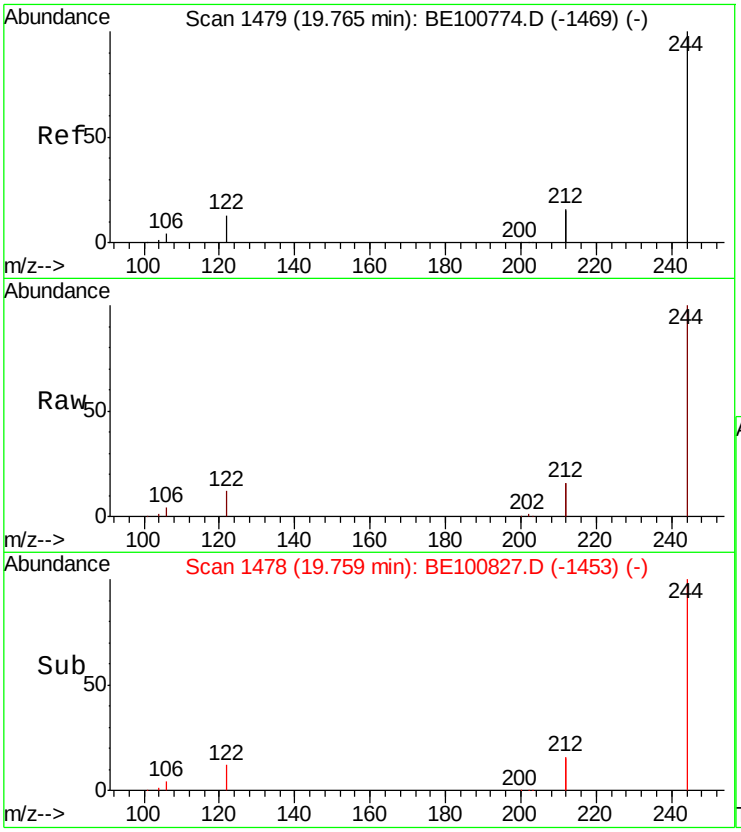


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Tgt Ion:240 Resp: 28359

Ion	Ratio	Lower	Upper
240	100		
120	6.0	10.2	15.2#
236	26.9	22.3	33.5



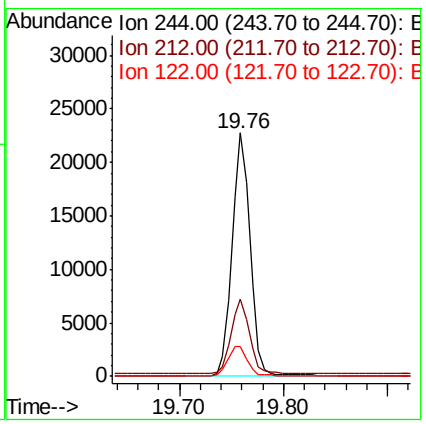


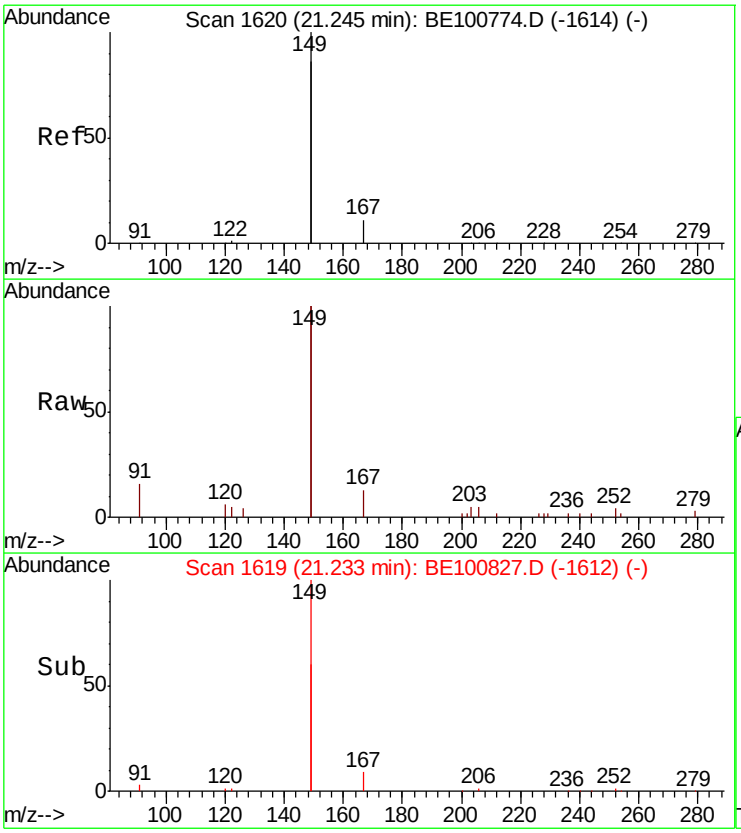
#29
Terphenyl-d14
Concen: 0.399 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Instrument :
BNA_E
ClientSampleId :
RE109D2-20191204

Tgt Ion:244 Resp: 27134

Ion	Ratio	Lower	Upper
244	100		
212	31.5	26.2	39.4
122	12.1	10.2	15.4

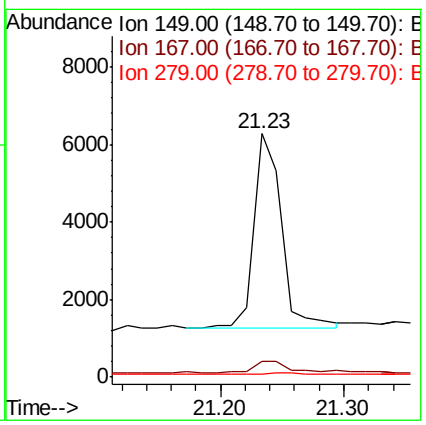


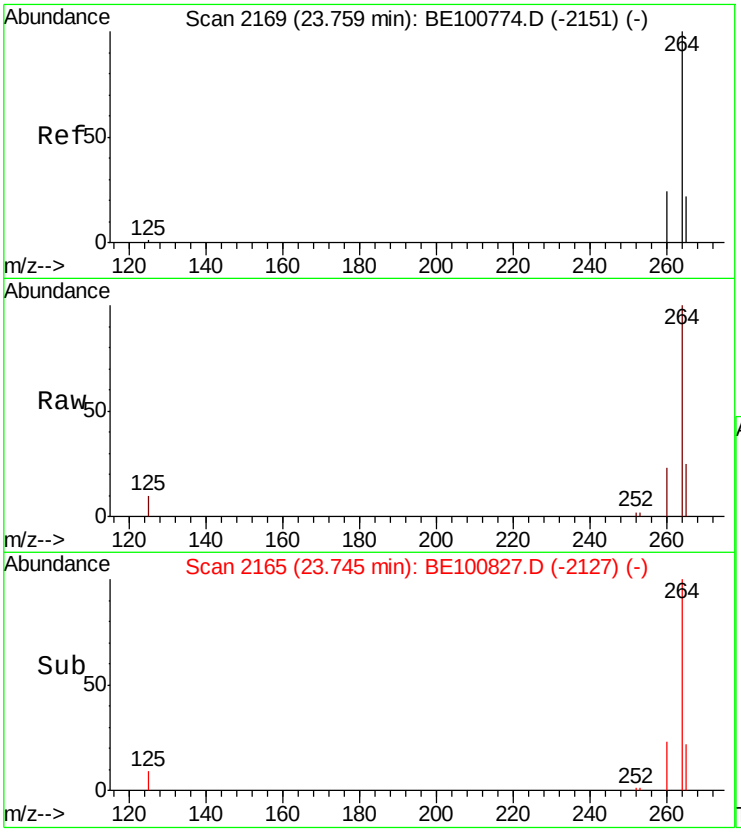


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100827.D
Acq: 11 Dec 2019 1:43

Tgt Ion:149 Resp: 7786

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.0	7.6
279	0.8	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: BE100827.D
Acq: 11 Dec 2019 1:43

Instrument :
BNA_E
ClientSampleId :
RE109D2-20191204

Tgt Ion:264 Resp: 36092

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	24.8	21.8	32.8