Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100859.D
Acq On : 12 Dec 2019 00:15
Operator : JU
Sample : K6185-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE125D2-20191205

Quant Time: Dec 12 05:37:43 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	4647	0.40	ng		-0.01
7) Naphthalene-d8	10.54	136	21209	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	11940	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	28412	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	21361	0.40	ng		0.00
34) Perylene-d12	23.74	264	24311	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	2588	0.23	ng		0.00
5) Phenol-d6	6.93	99	2545	0.15	ng		0.00
8) Nitrobenzene-d5	8.90	82	5515	0.55	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	14738	0.48	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	906	0.68	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	25650	0.54	ng		-0.01
25) Fluoranthene-d10	19.15	212	142556	0.42	ng		-0.01
29) Terphenyl-d14	19.76	244	31872	0.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	70160	8.281	ng		90
6) bis(2-Chloroethyl)ether	7.18	93	343	0.021	ng	#	91

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

Quantitation Report (QT Reviewed)

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Data File : BE100859.D
Acq On : 12 Dec 2019 00:15
Operator : JU
Sample : K6185-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205

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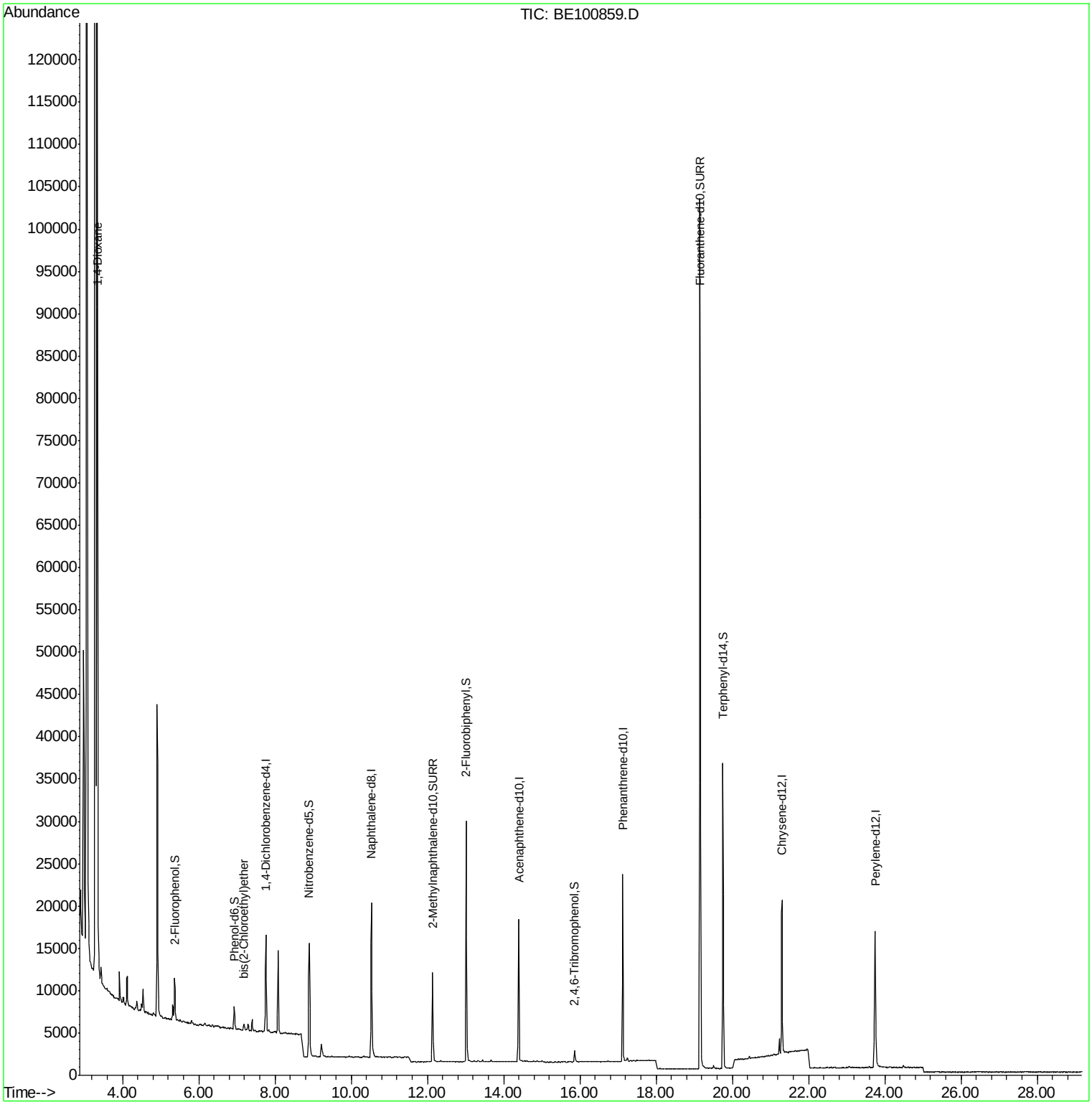
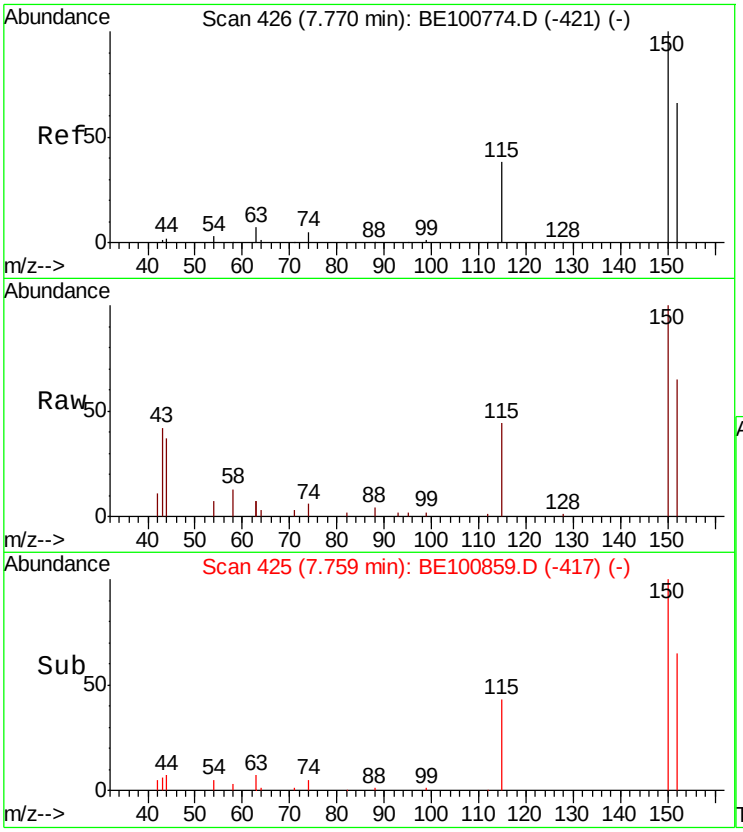
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



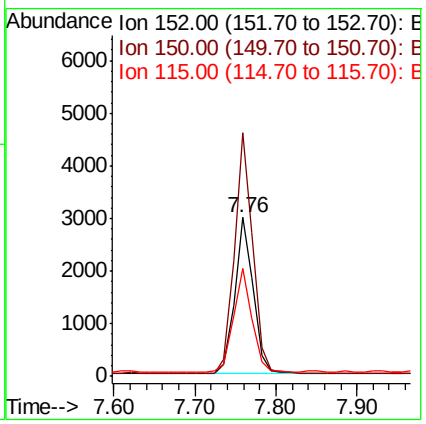


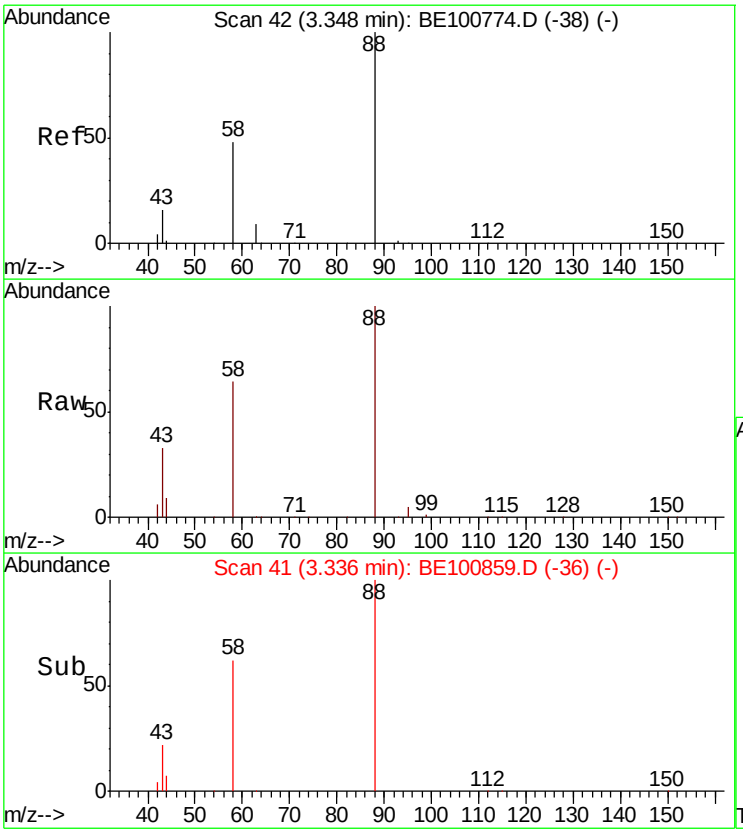
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205

Tgt Ion:152 Resp: 4647

Ion	Ratio	Lower	Upper
152	100		
150	153.1	120.6	181.0
115	68.0	47.4	71.2

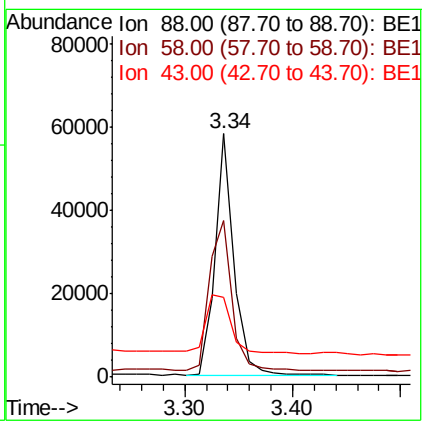


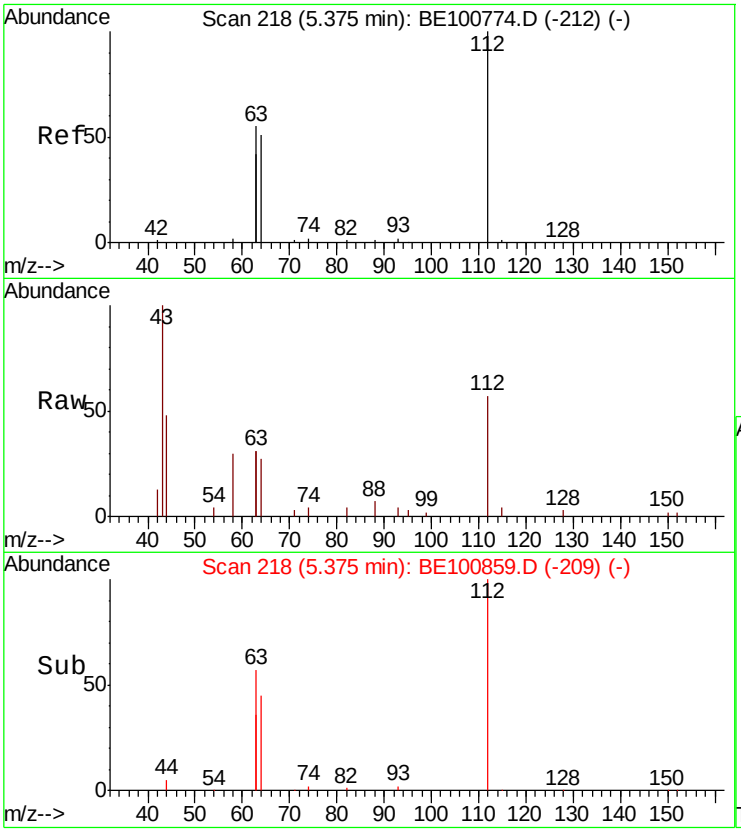


#2
1,4-Dioxane
Concen: 8.281 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Tgt Ion: 88 Resp: 70160

Ion	Ratio	Lower	Upper
88	100		
58	74.6	52.5	78.7
43	32.7	23.0	34.6



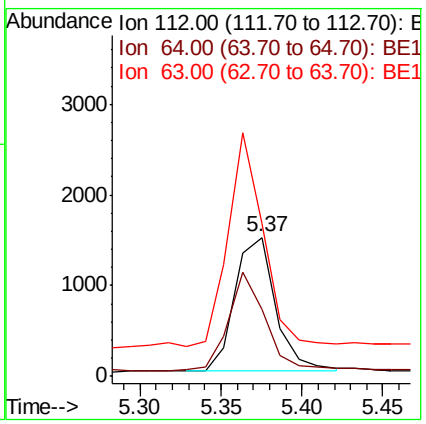


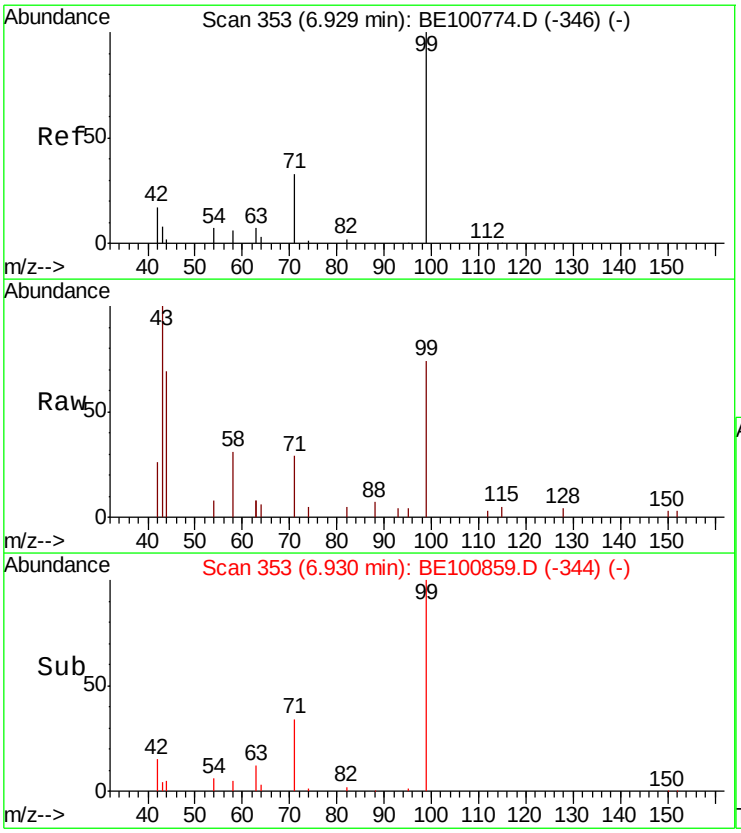
#4
2-Fluorophenol
Concen: 0.235 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205

Tgt Ion:112 Resp: 2588

Ion	Ratio	Lower	Upper
112	100		
64	64.8	54.1	81.1
63	137.3	113.2	169.8

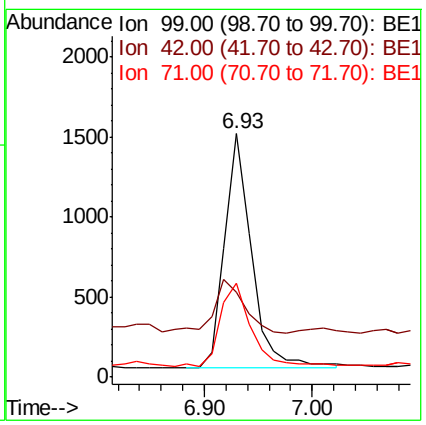


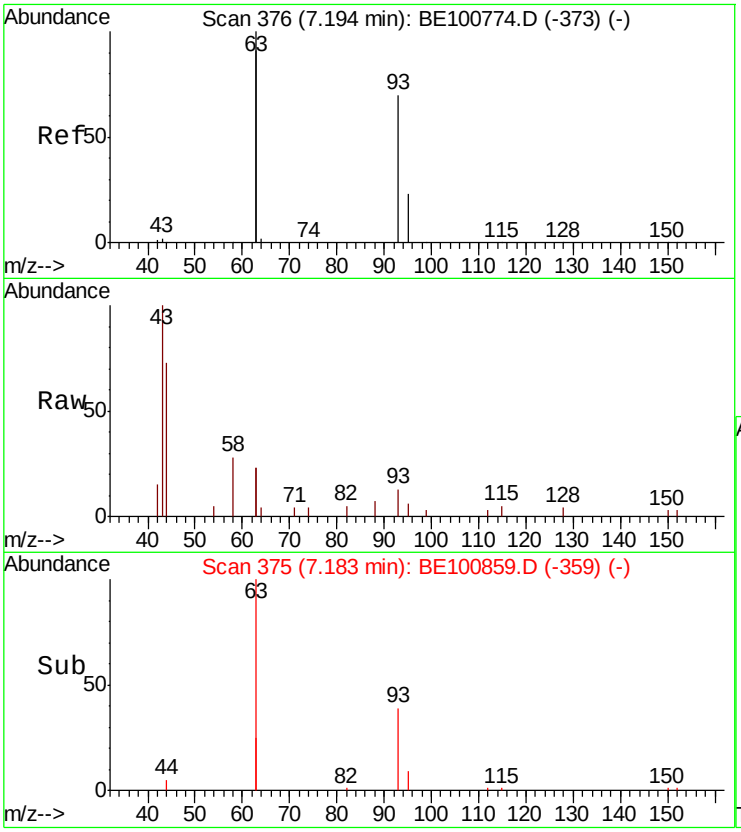


#5
Phenol-d6
Concen: 0.153 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Tgt Ion: 99 Resp: 2545

Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.1	28.7
71	39.4	27.7	41.5



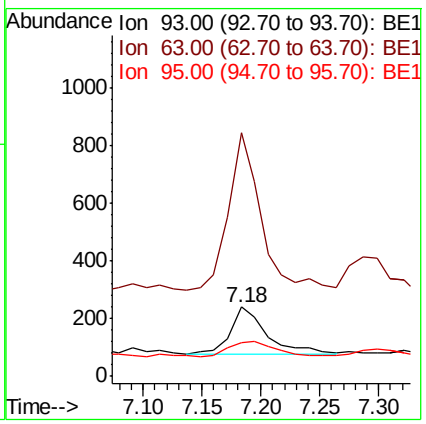


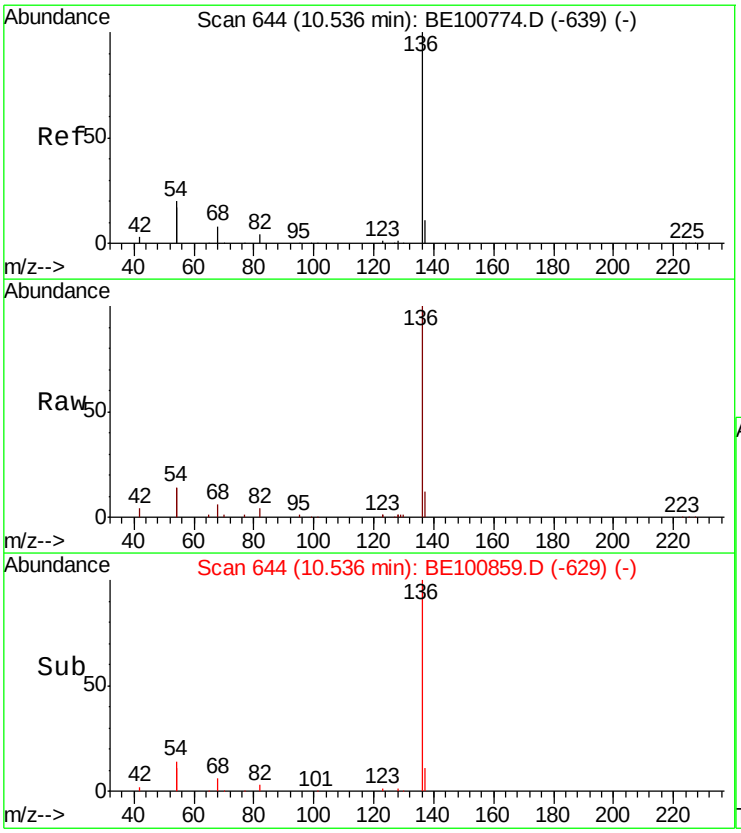
#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205

Tgt Ion: 93 Resp: 343

Ion	Ratio	Lower	Upper
93	100		
63	309.0	259.4	389.0
95	47.5	26.2	39.2#

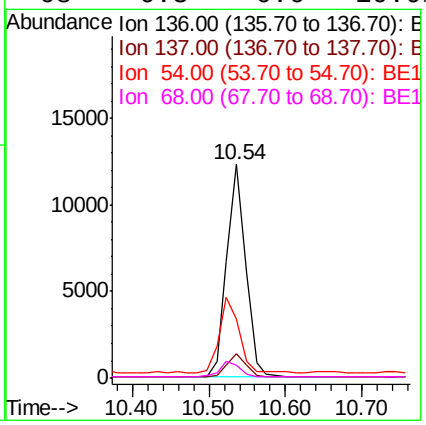


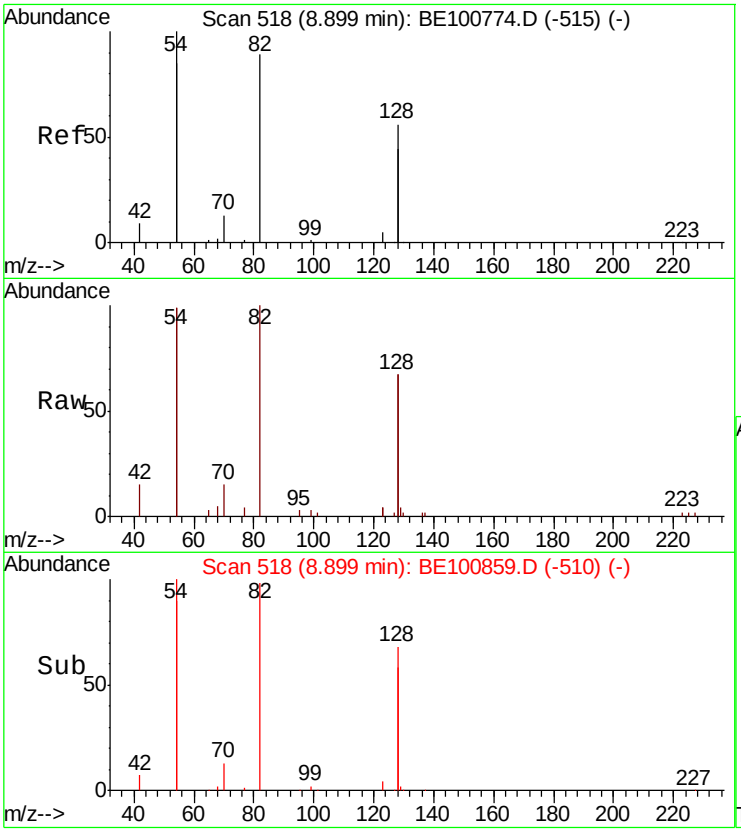


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Tgt Ion:136 Resp: 21209

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	27.7	31.1	46.7#
68	6.3	6.6	10.0#



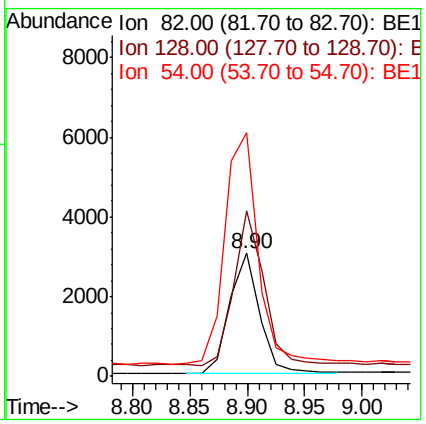


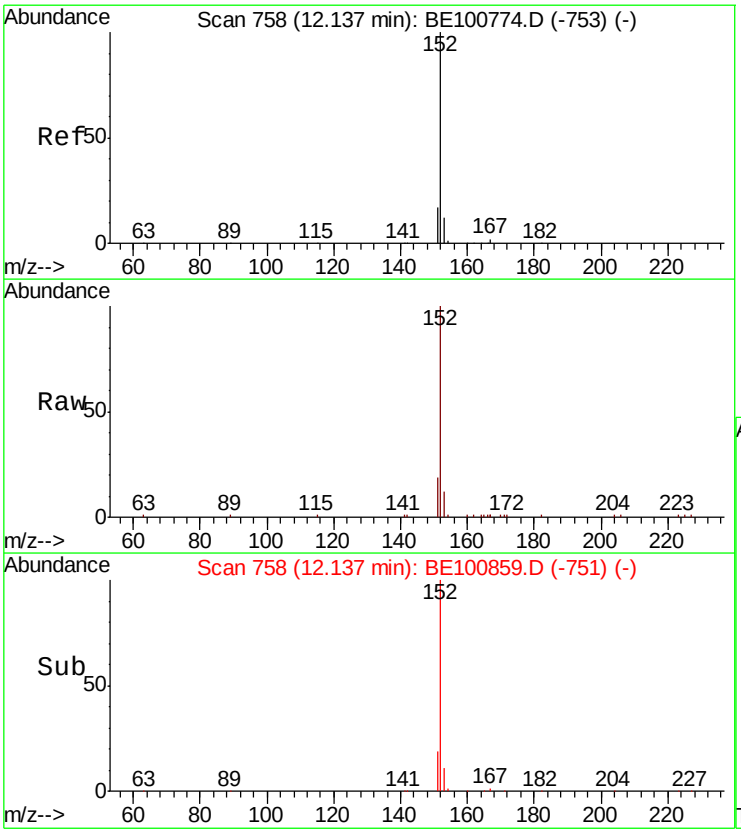
#8
Nitrobenzene-d5
Concen: 0.546 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205

Tgt Ion: 82 Resp: 5515

Ion	Ratio	Lower	Upper
82	100		
128	134.1	97.0	145.4
54	197.6	171.8	257.6

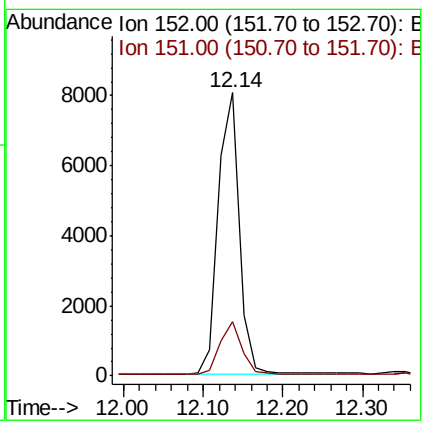


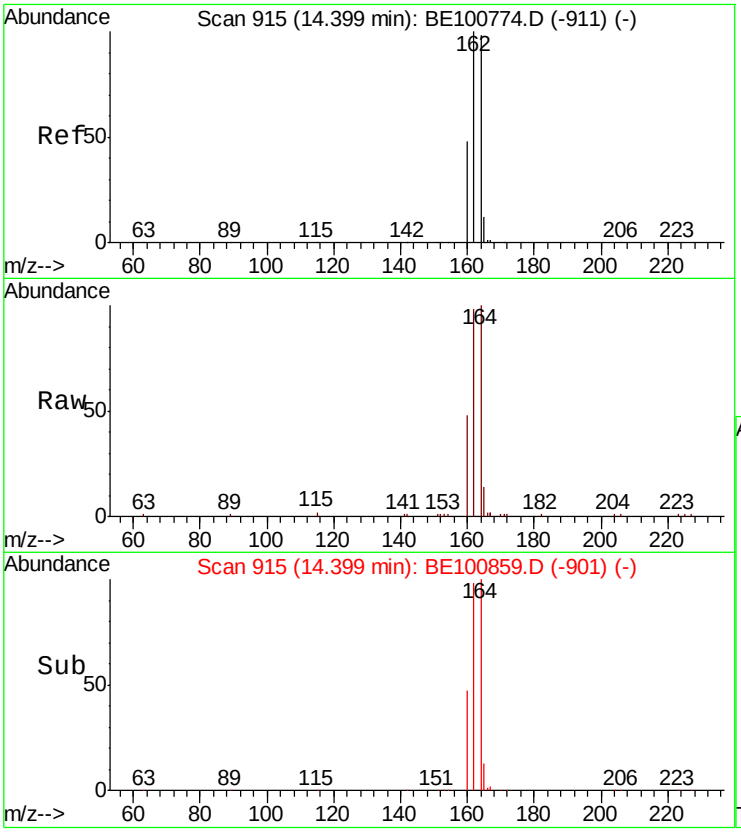


#11
2-Methylnaphthalene-d10
Concen: 0.480 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Tgt Ion:152 Resp: 14738

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8



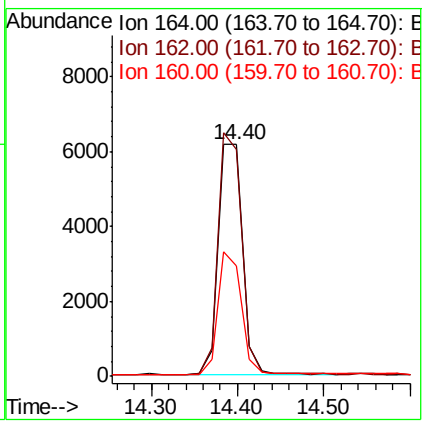


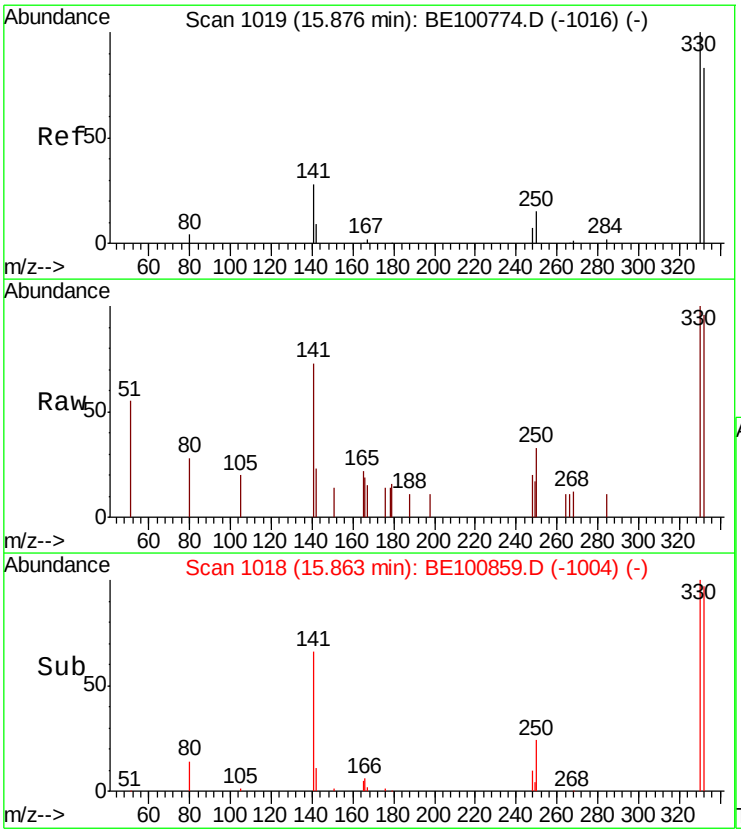
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205

Tgt Ion:164 Resp: 11940

Ion	Ratio	Lower	Upper
164	100		
162	97.8	81.4	122.0
160	47.7	39.4	59.0

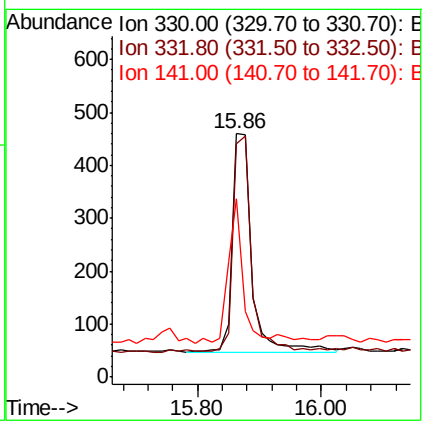


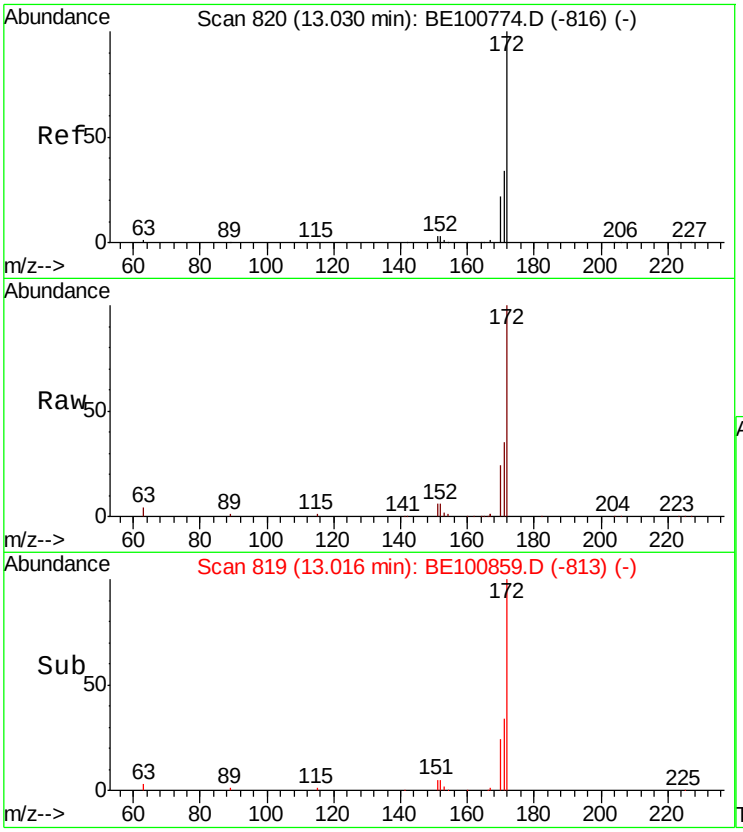


#14
2,4,6-Tribromophenol
Concen: 0.682 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Tgt Ion:330 Resp: 906

Ion	Ratio	Lower	Upper
330	100		
332	91.8	69.4	104.2
141	49.4	51.1	76.7#



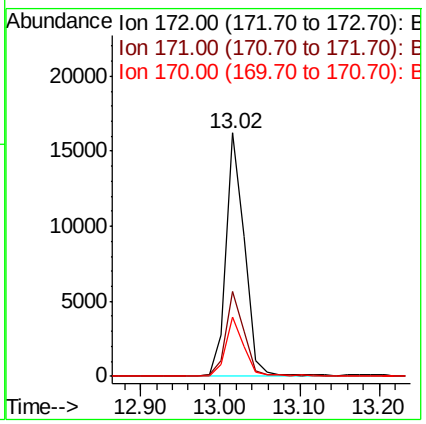


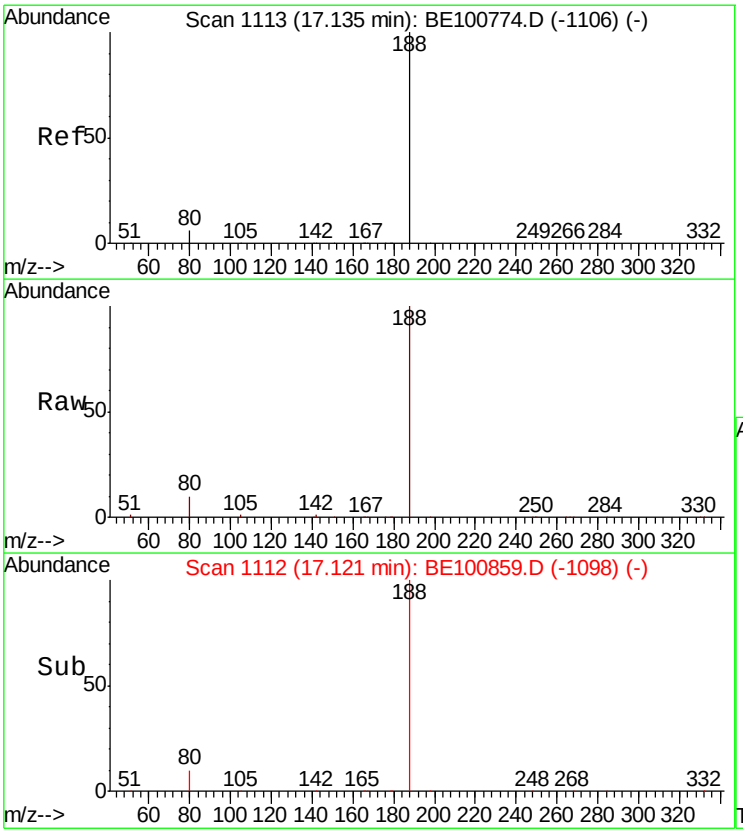
#15
2-Fluorobiphenyl
Concen: 0.542 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205

Tgt Ion:172 Resp: 25650

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.2	40.8
170	24.2	18.0	27.0

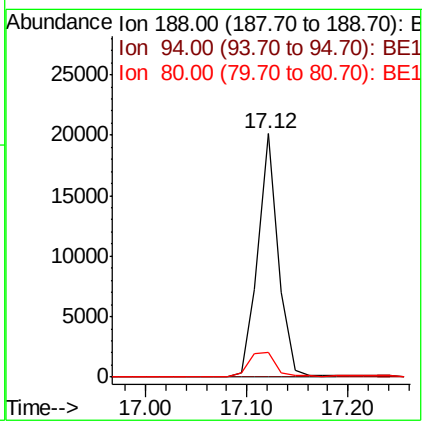


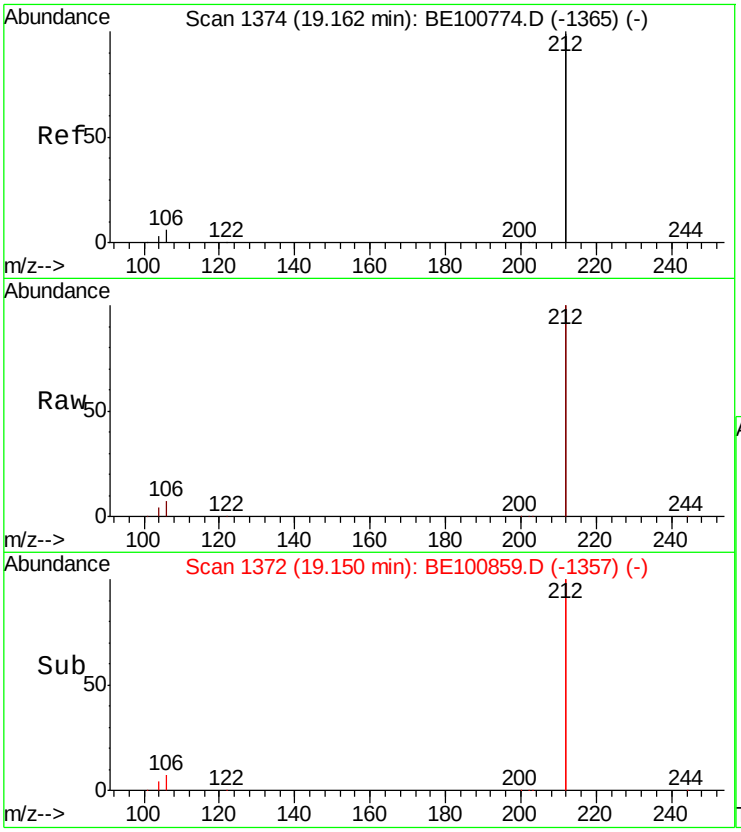


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Tgt Ion:188 Resp: 28412

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	5.2	7.8#



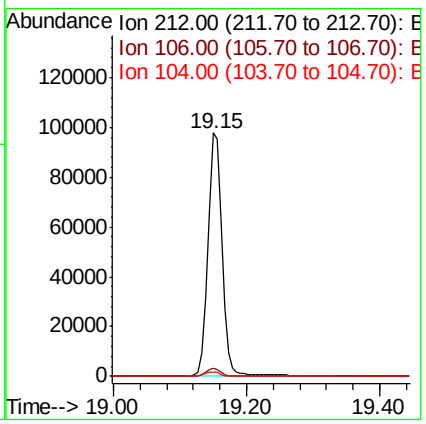


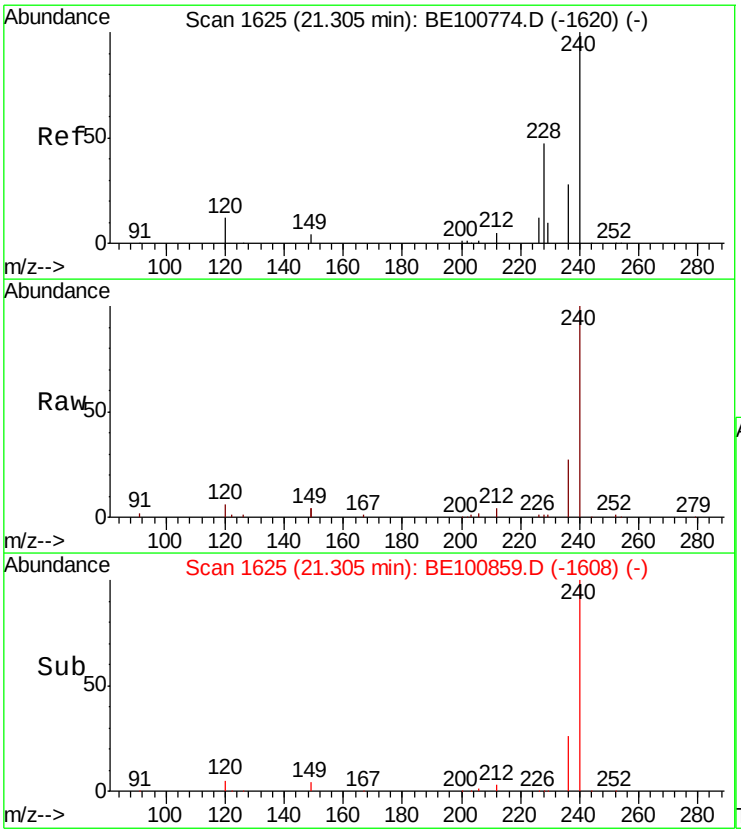
#25
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205

Tgt Ion:212 Resp: 142556

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

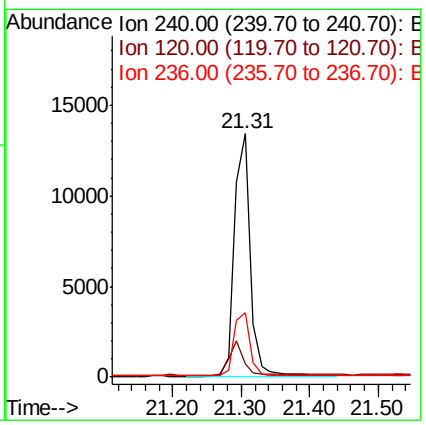


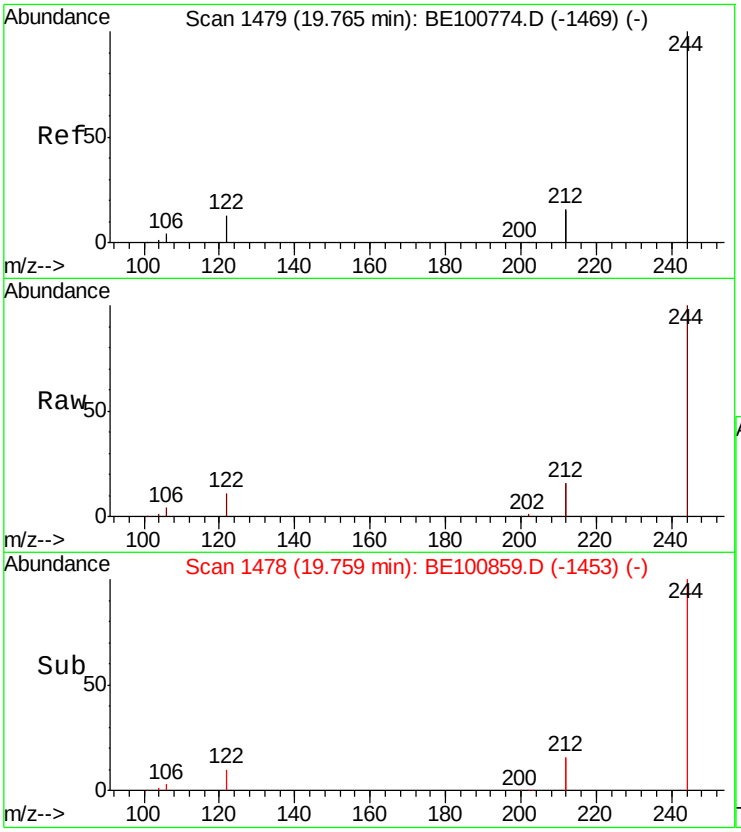


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Tgt Ion:240 Resp: 21361

Ion	Ratio	Lower	Upper
240	100		
120	5.5	10.2	15.2#
236	26.7	22.3	33.5



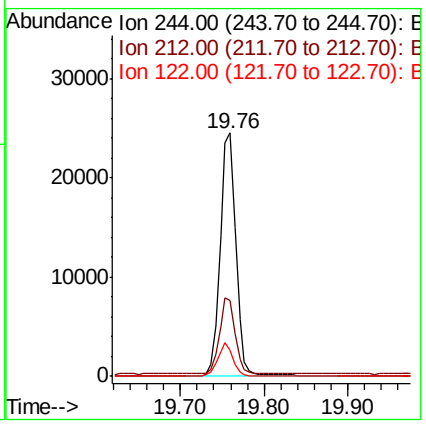


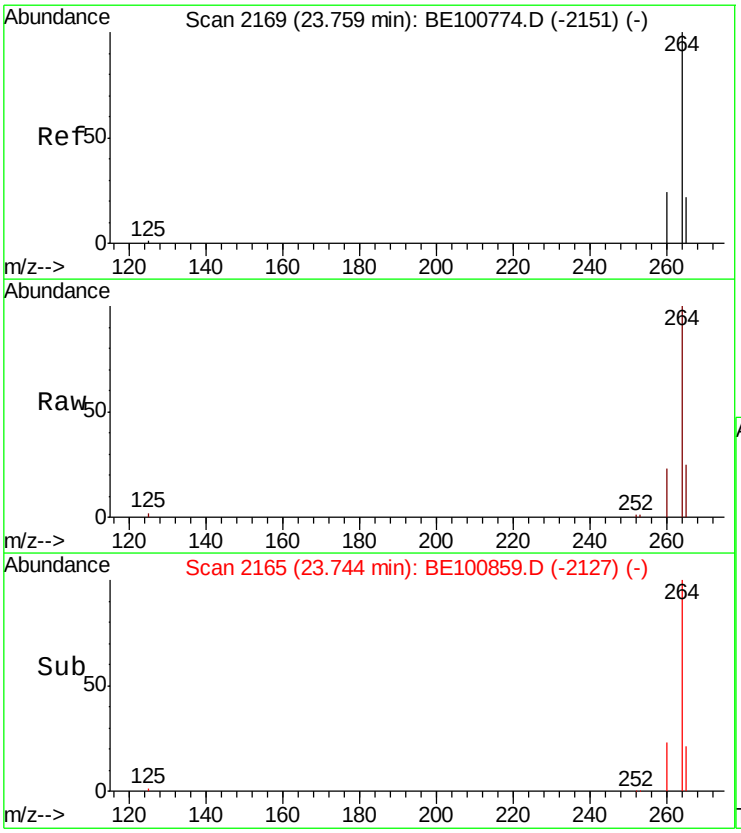
#29
Terphenyl-d14
Concen: 0.623 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205

Tgt Ion:244 Resp: 31872

Ion	Ratio	Lower	Upper
244	100		
212	31.2	26.2	39.4
122	10.6	10.2	15.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE100859.D
Acq: 12 Dec 2019 00:15

Tgt Ion:264 Resp: 24311

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	24.8	21.8	32.8