Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
Data File : BE100886.D
Acq On : 13 Dec 2019 14:36
Operator : JU
Sample : K6185-18DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DUP03-20191205DL

Quant Time: Dec 13 15:37:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4954	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21830	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	12042	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30320	0.40	ng	0.00
27) Chrysene-d12	21.29	240	25906	0.40	ng	-0.01
34) Perylene-d12	23.74	264	29920	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1086	0.09	ng	0.00
5) Phenol-d6	6.93	99	985	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	2744	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	6691	0.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	378	0.28	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	9347	0.20	ng	0.00
25) Fluoranthene-d10	19.15	212	68791	0.19	ng	0.00
29) Terphenyl-d14	19.75	244	13095	0.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	35276	3.906	ng	90

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

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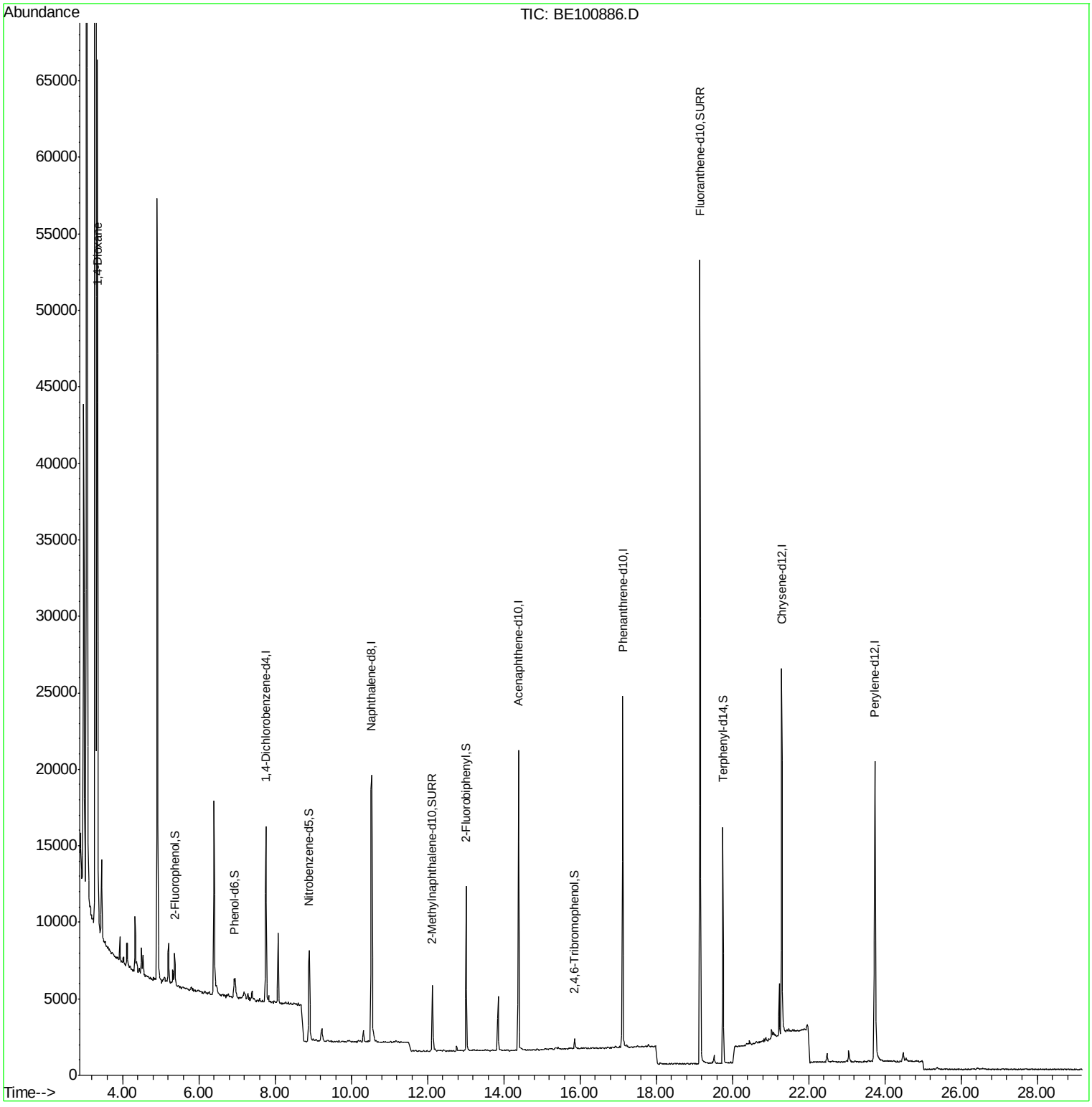
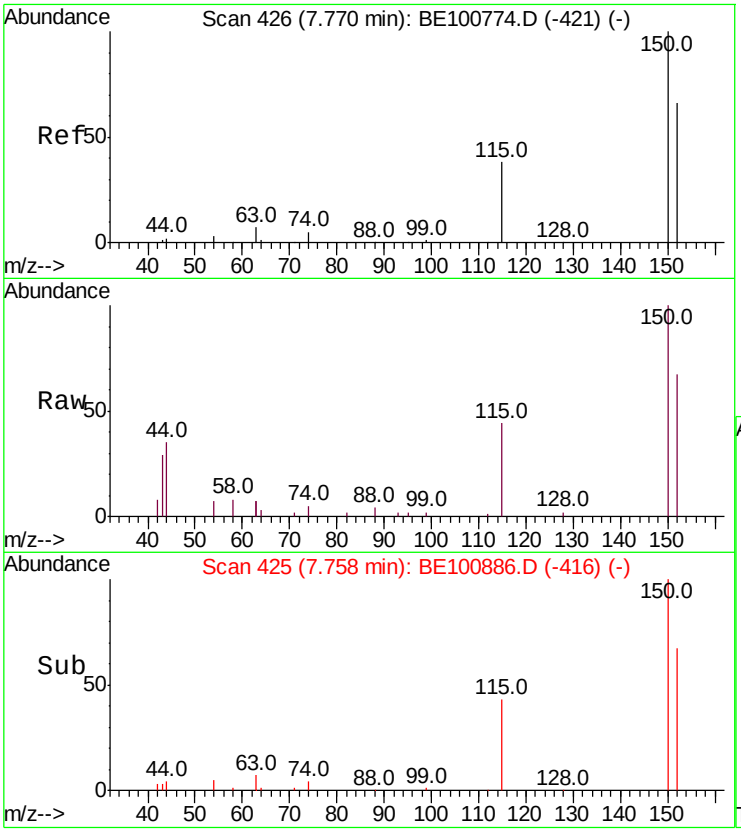
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration



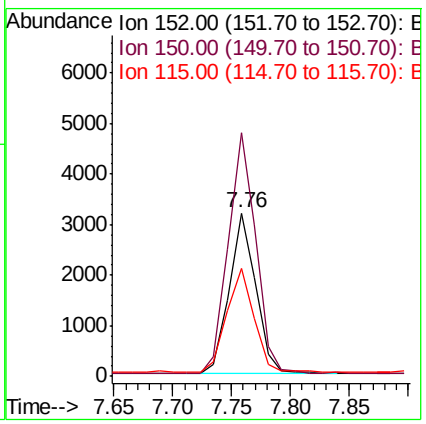


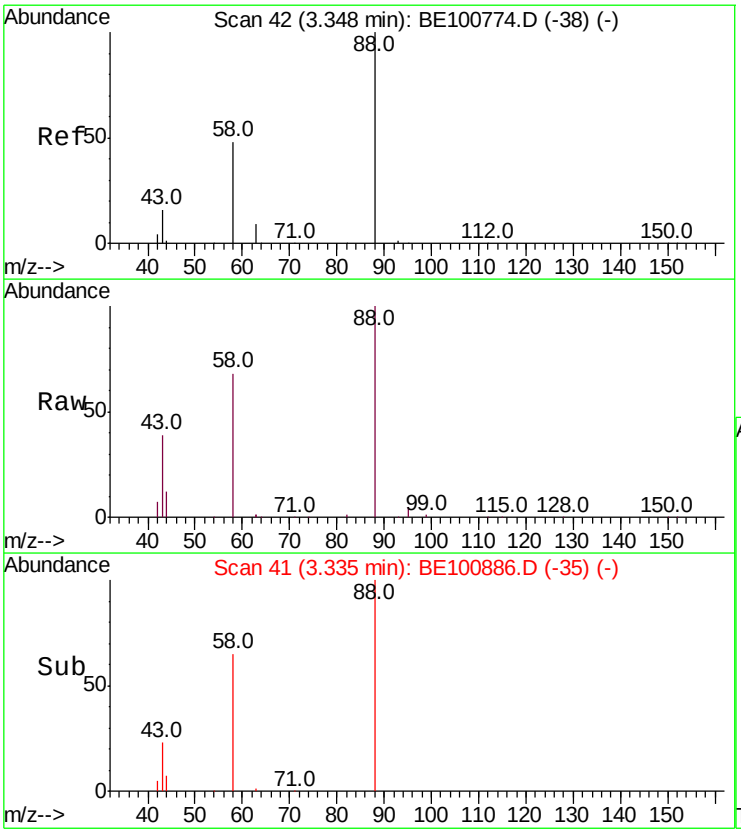
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205DL

Tgt Ion:152 Resp: 4954

Ion	Ratio	Lower	Upper
152	100		
150	149.1	125.5	188.3
115	65.9	55.7	83.5

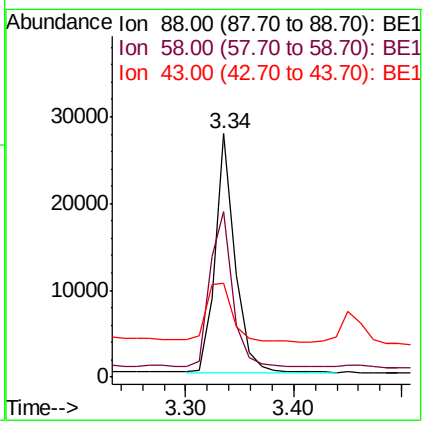


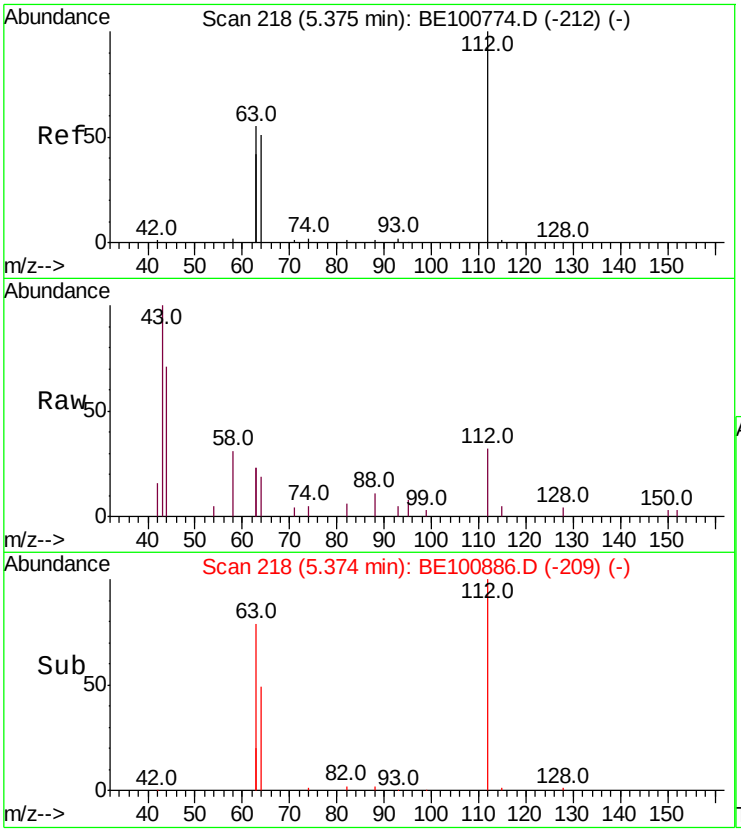


#2
1,4-Dioxane
Concen: 3.906 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Tgt Ion: 88 Resp: 35276

Ion	Ratio	Lower	Upper
88	100		
58	74.2	52.3	78.5
43	33.2	23.5	35.3



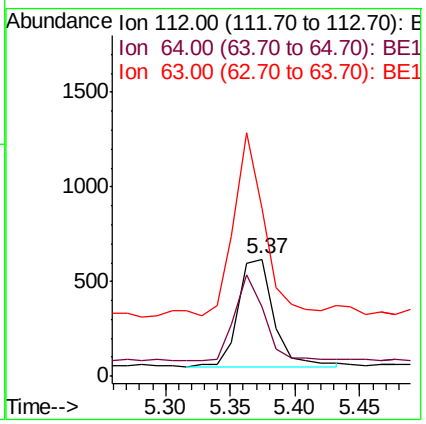


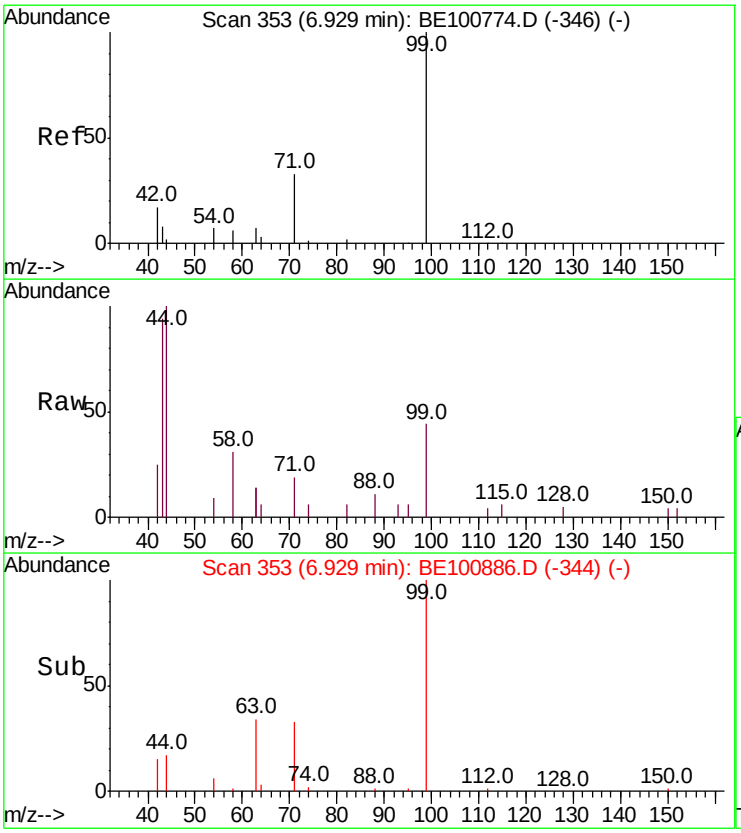
#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205DL

Tgt Ion:112 Resp: 1086

Ion	Ratio	Lower	Upper
112	100		
64	65.9	54.5	81.7
63	149.4	116.1	174.1

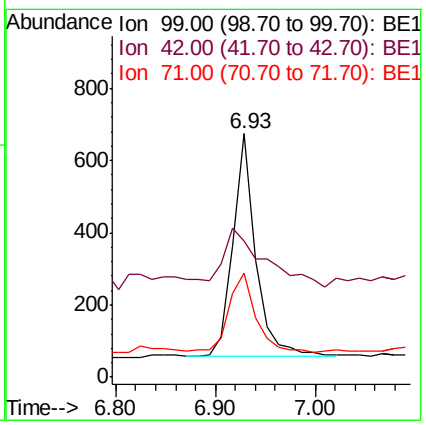


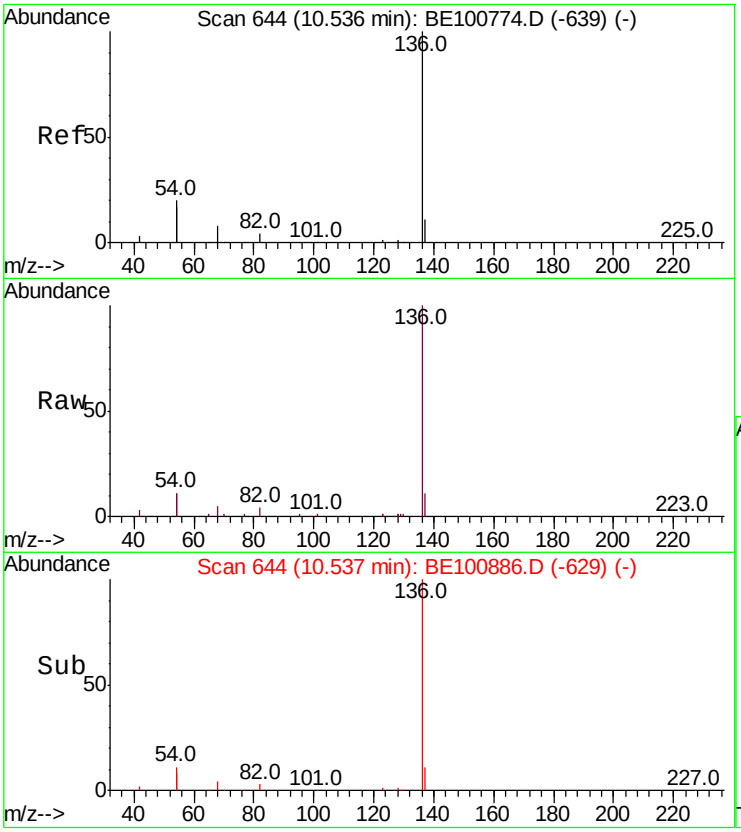


#5
Phenol-d6
Concen: 0.056 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Tgt Ion: 99 Resp: 985

Ion	Ratio	Lower	Upper
99	100		
42	49.2	18.2	27.2#
71	42.3	29.1	43.7



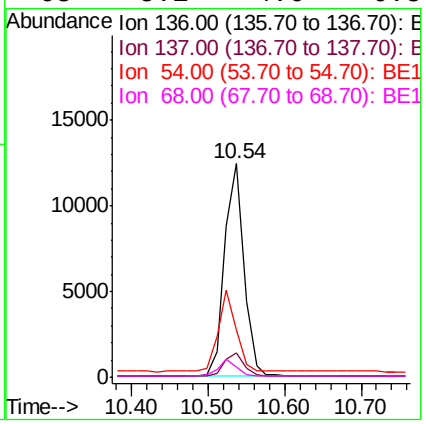


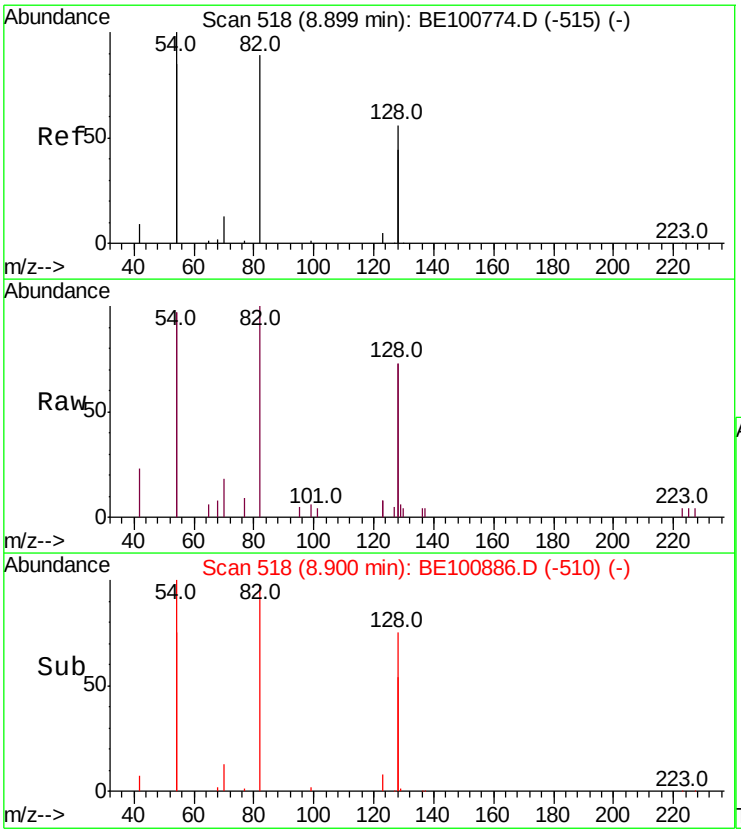
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205DL

Tgt Ion:136 Resp: 21830

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	22.2	18.9	28.3
68	5.1	4.6	6.8

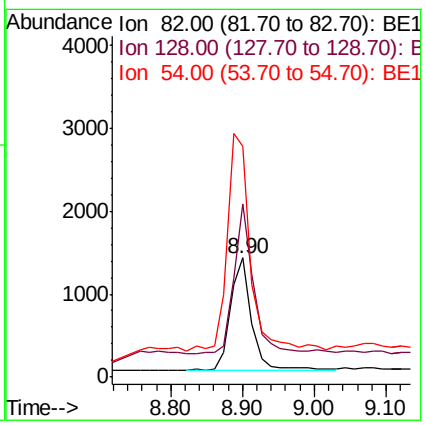


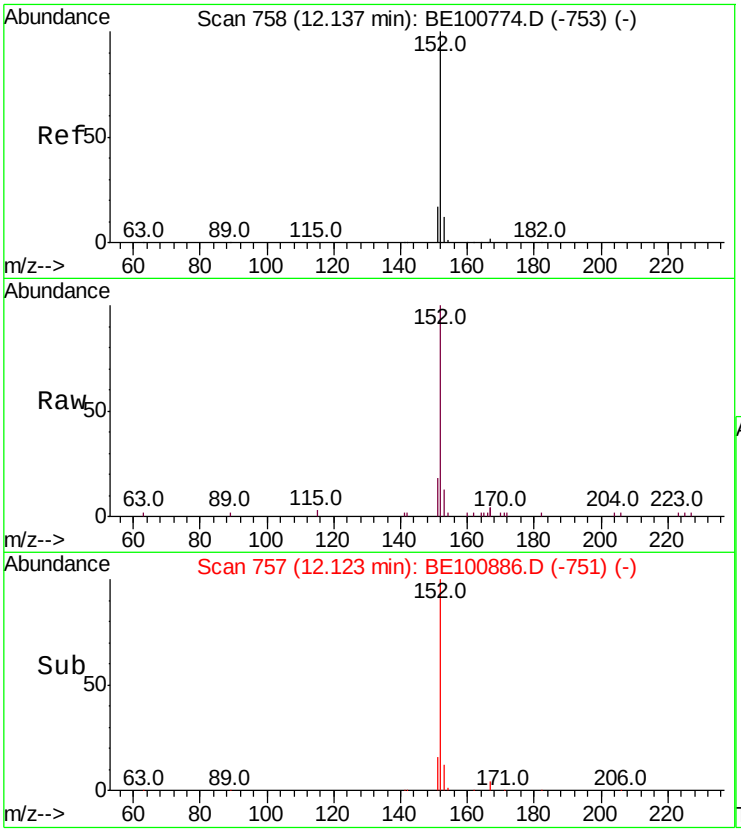


#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Tgt Ion: 82 Resp: 2744

Ion	Ratio	Lower	Upper
82	100		
128	145.3	113.5	170.3
54	193.7	138.9	208.3



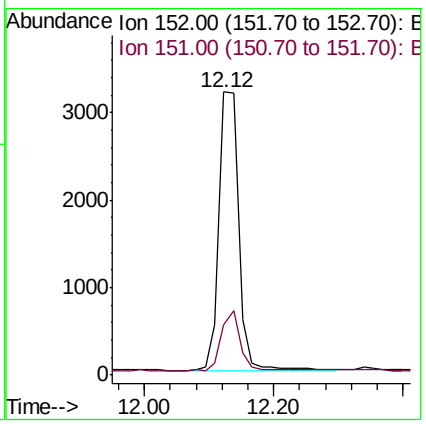


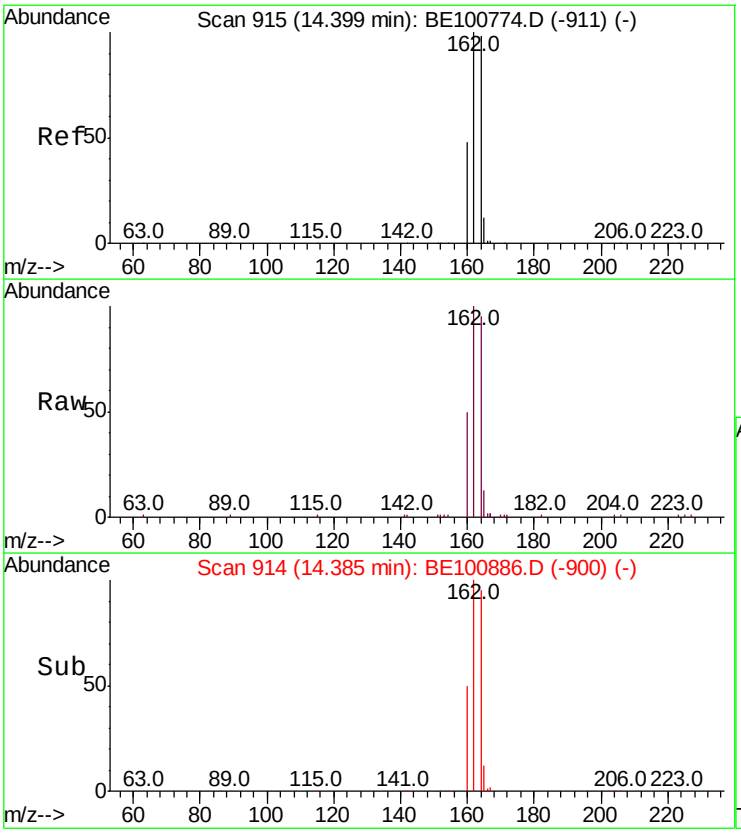
#11
2-Methylnaphthalene-d10
Concen: 0.212 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.01 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205DL

Tgt Ion:152 Resp: 6691

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.1	22.7

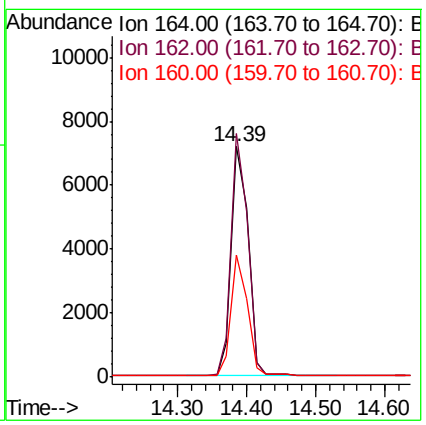


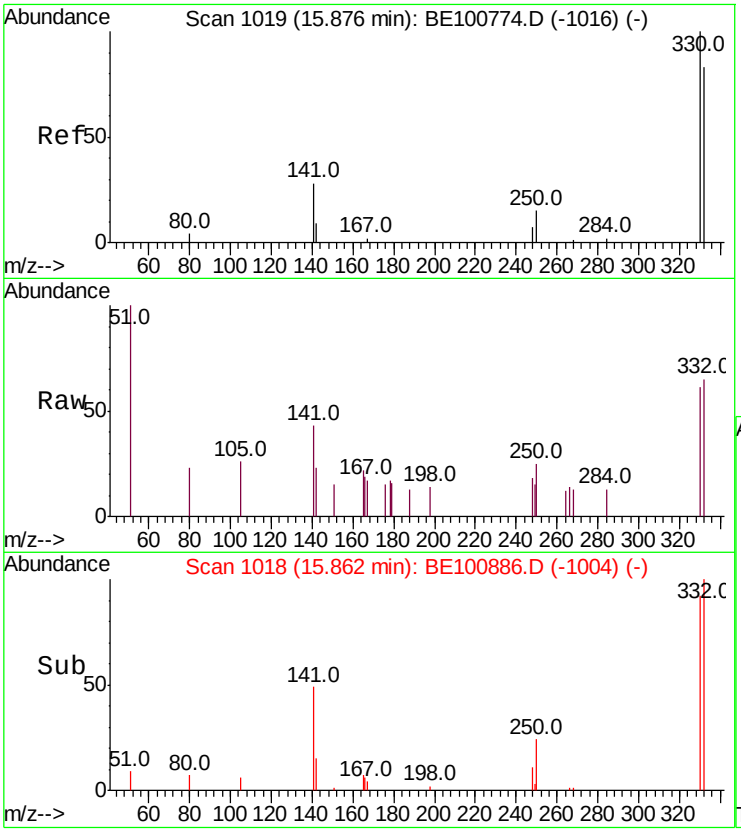


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Tgt Ion:164 Resp: 12042

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.0	129.0
160	53.2	42.3	63.5



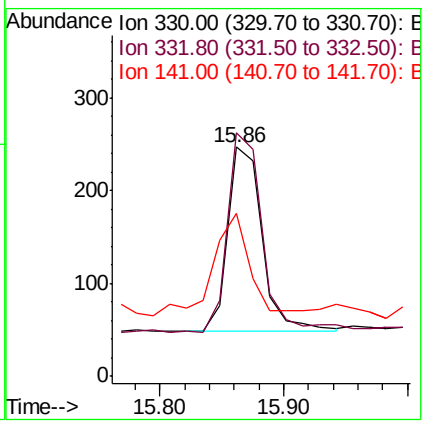


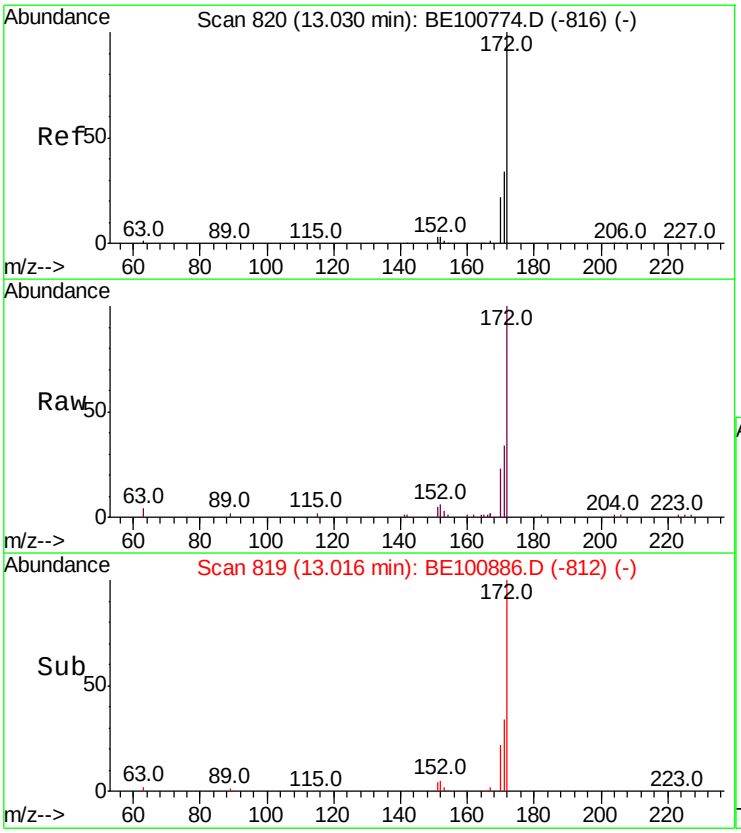
#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205DL

Tgt Ion:330 Resp: 378

Ion	Ratio	Lower	Upper
330	100		
332	114.0	74.1	111.1#
141	63.5	46.7	70.1

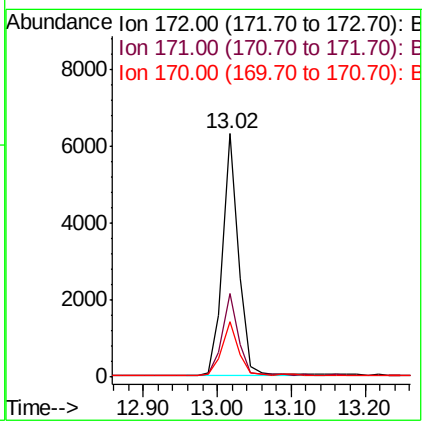


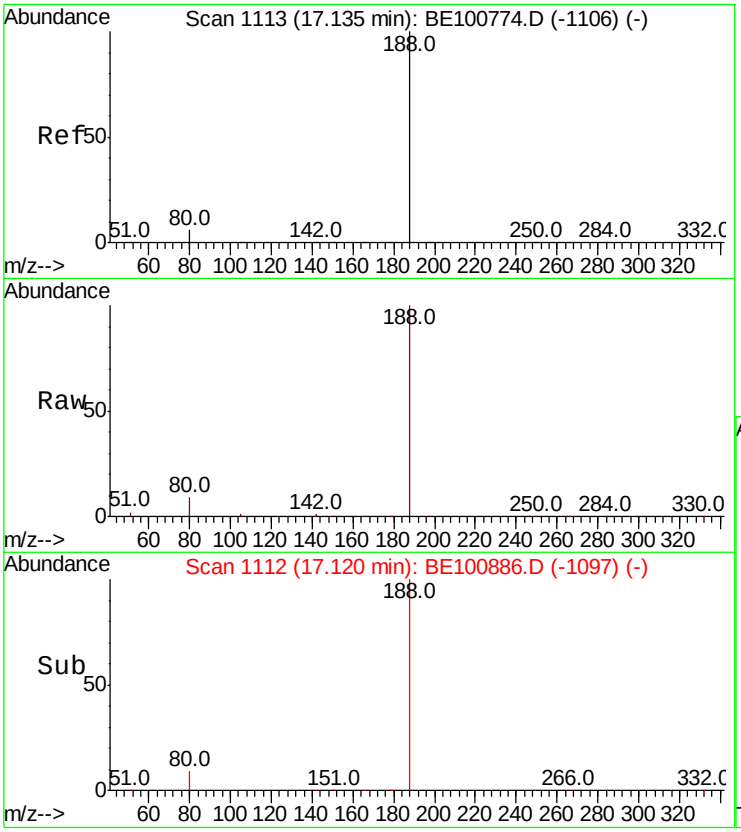


#15
2-Fluorobiphenyl
Concen: 0.196 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Tgt Ion:172 Resp: 9347

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.4
170	22.9	19.4	29.0



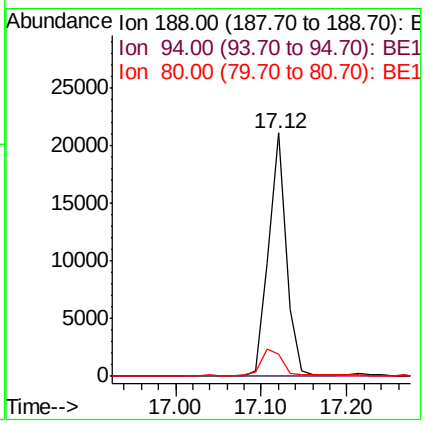


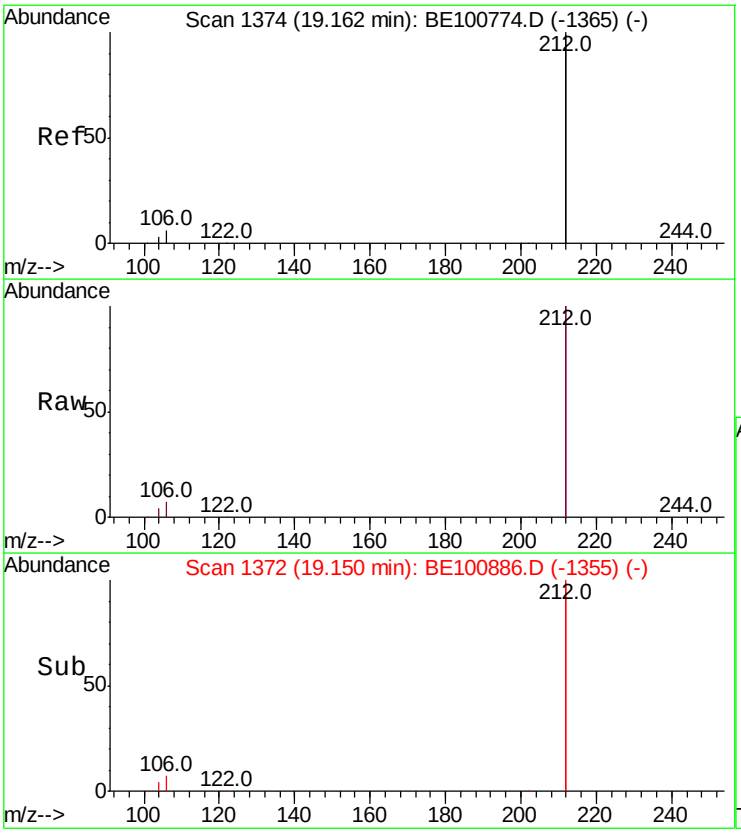
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205DL

Tgt Ion:188 Resp: 30320

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.9	11.9

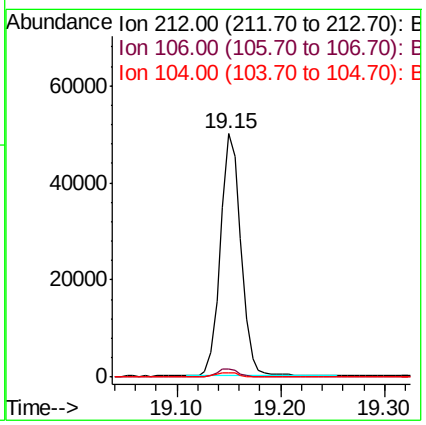


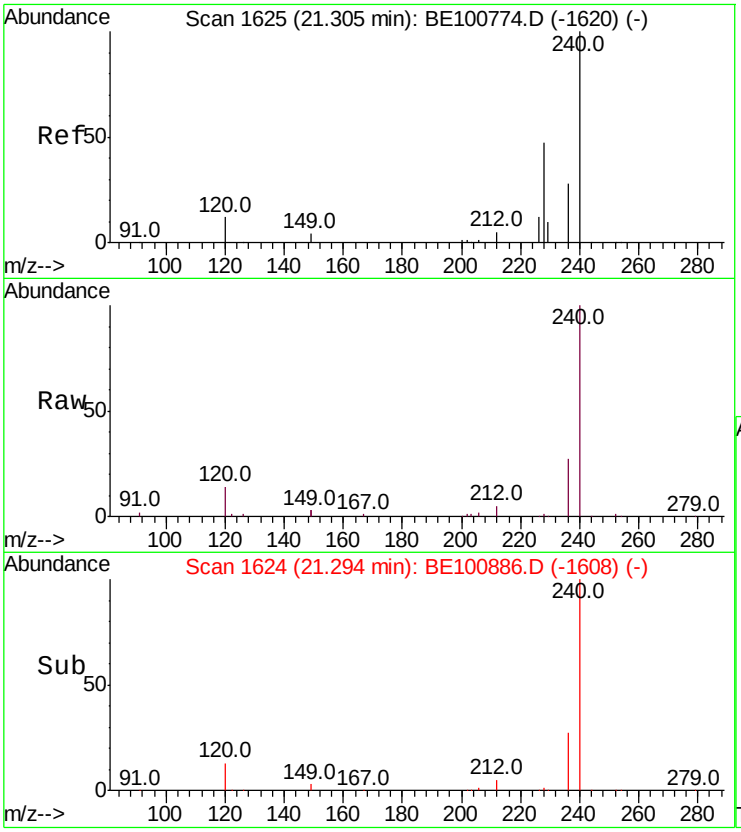


#25
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Tgt Ion:212 Resp: 68791

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.9	1.4	2.2



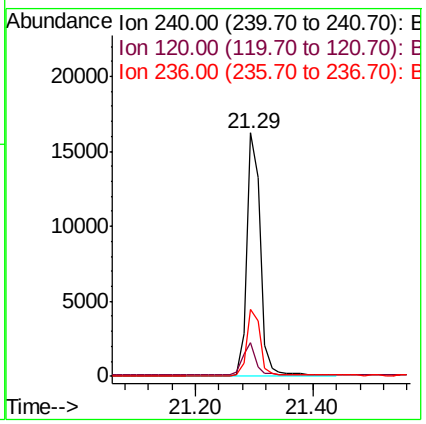


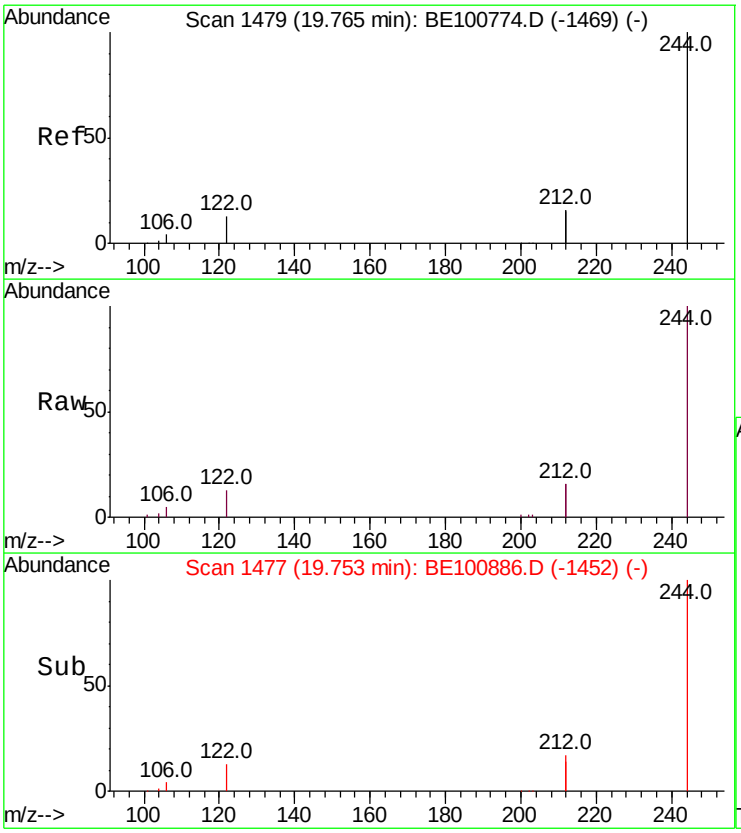
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205DL

Tgt Ion:240 Resp: 25906

Ion	Ratio	Lower	Upper
240	100		
120	13.8	4.0	6.0#
236	27.4	21.6	32.4

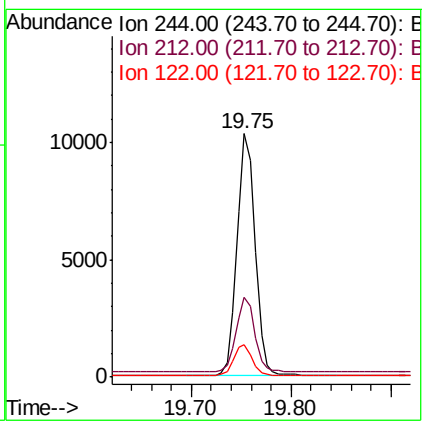


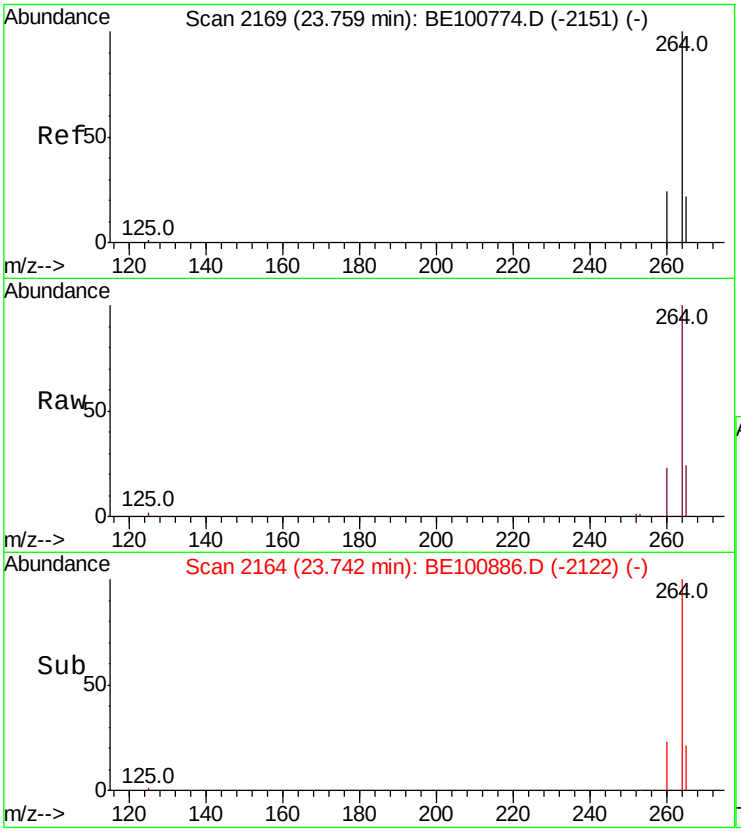


#29
Terphenyl-d14
Concen: 0.211 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Tgt Ion:244 Resp: 13095

Ion	Ratio	Lower	Upper
244	100		
212	33.0	25.2	37.8
122	13.3	8.9	13.3#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205DL

Tgt Ion:264 Resp: 29920

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	24.4	20.1	30.1