Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099942.D
Acq On : 12 Jun 2019 1:57
Operator : JU/SJ
Sample : K3257-04DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE131D2-20190606DL

Quant Time: Jun 12 05:25:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	579	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	2034	0.40	ng	0.03
13) Acenaphthene-d10	14.46	164	2025	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	7125	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	7980	0.40	ng	-0.02
34) Perylene-d12	23.87	264	9065	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	22	0.01	ng	0.00
5) Phenol-d6	0.00	99	0d	0.00	ng	
8) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
11) 2-Methylnaphthalene-d10	12.25	152	277	0.08	ng	0.04
14) 2,4,6-Tribromophenol	15.98	330	50	0.03	ng	0.01
15) 2-Fluorobiphenyl	13.13	172	574	0.07	ng	0.03
25) Fluoranthene-d10	19.23	212	7005	0.07	ng	-0.02
29) Terphenyl-d14	19.83	244	1453	0.10	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	1723	2.011	ng	94

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

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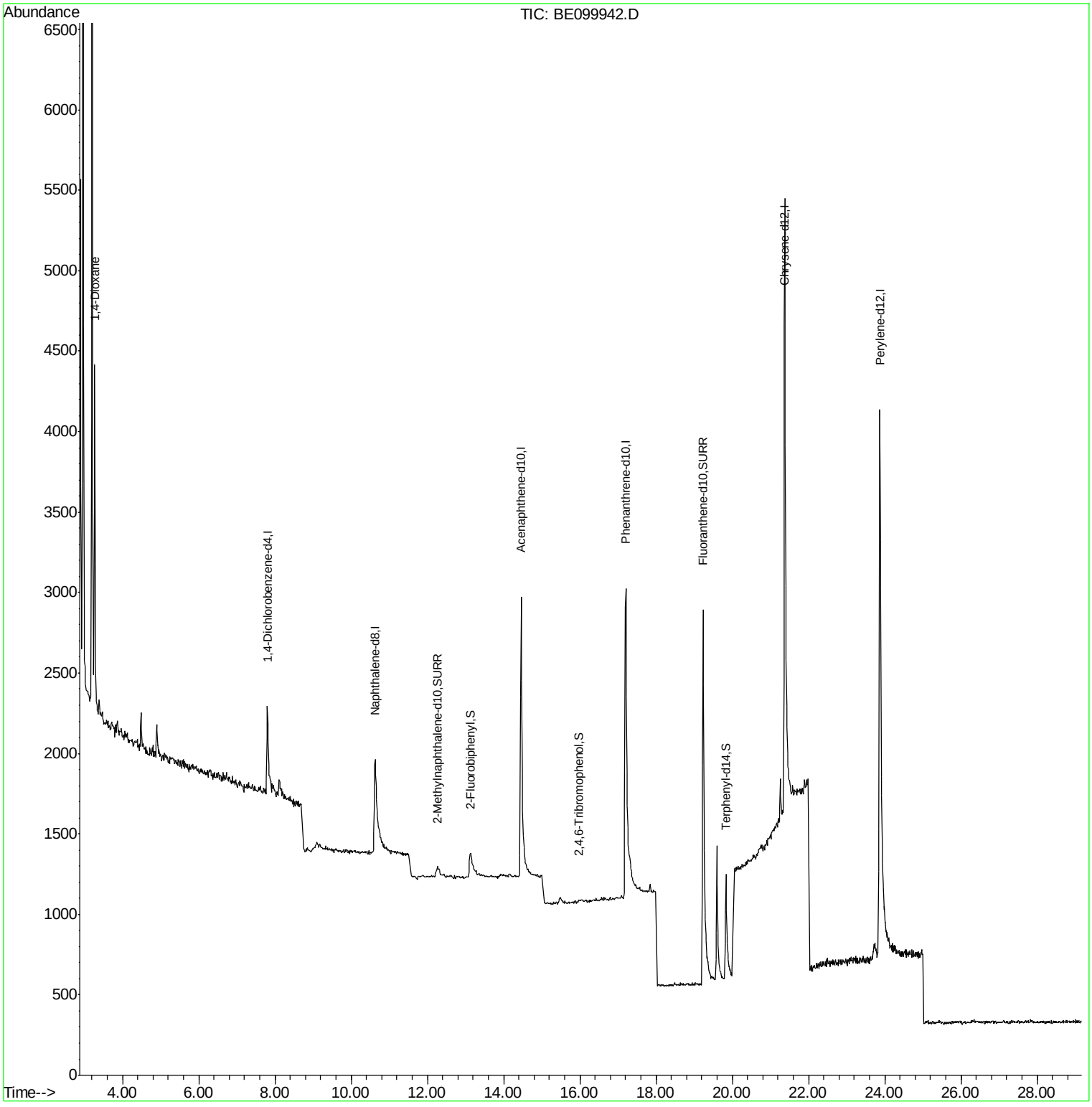
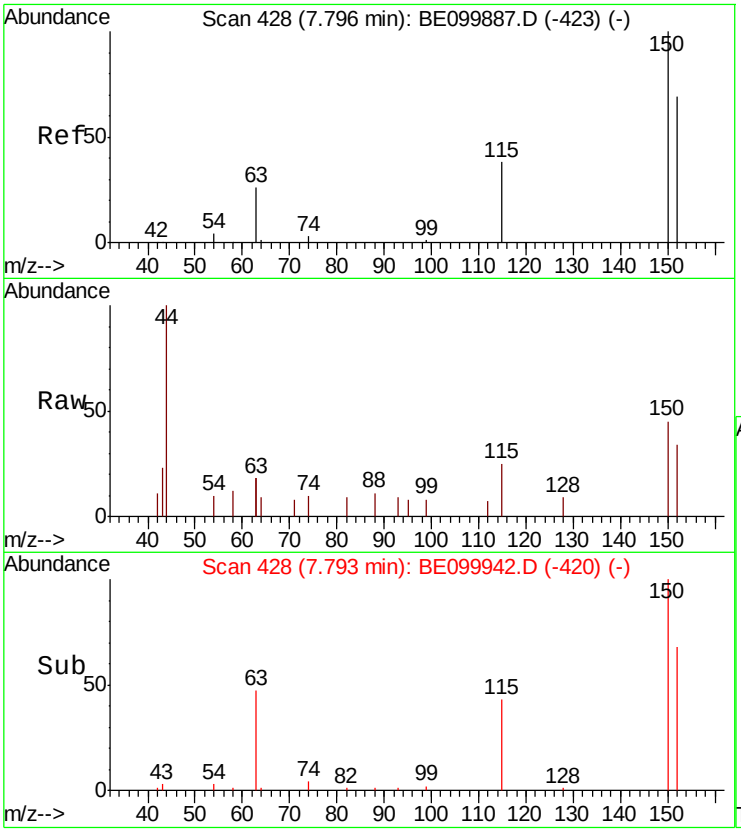


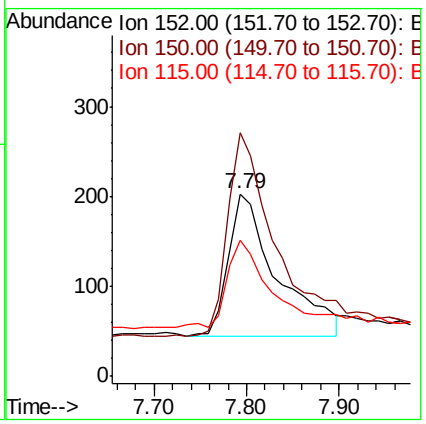


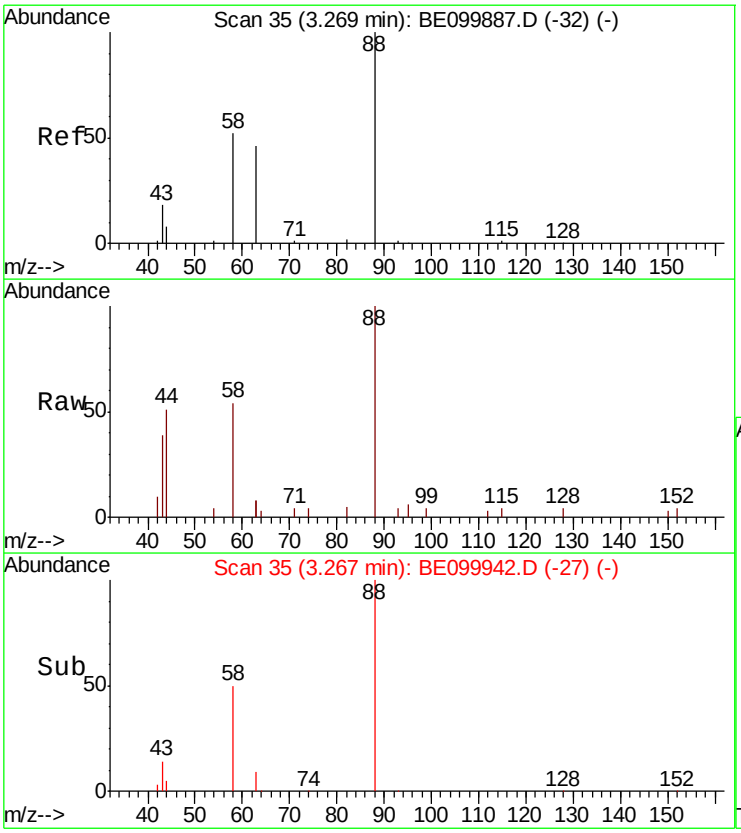
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606DL

Tgt Ion:152 Resp: 579

Ion	Ratio	Lower	Upper
152	100		
150	133.5	111.0	166.6
115	74.4	50.7	76.1

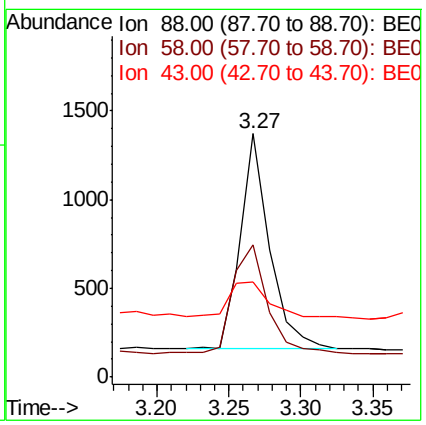


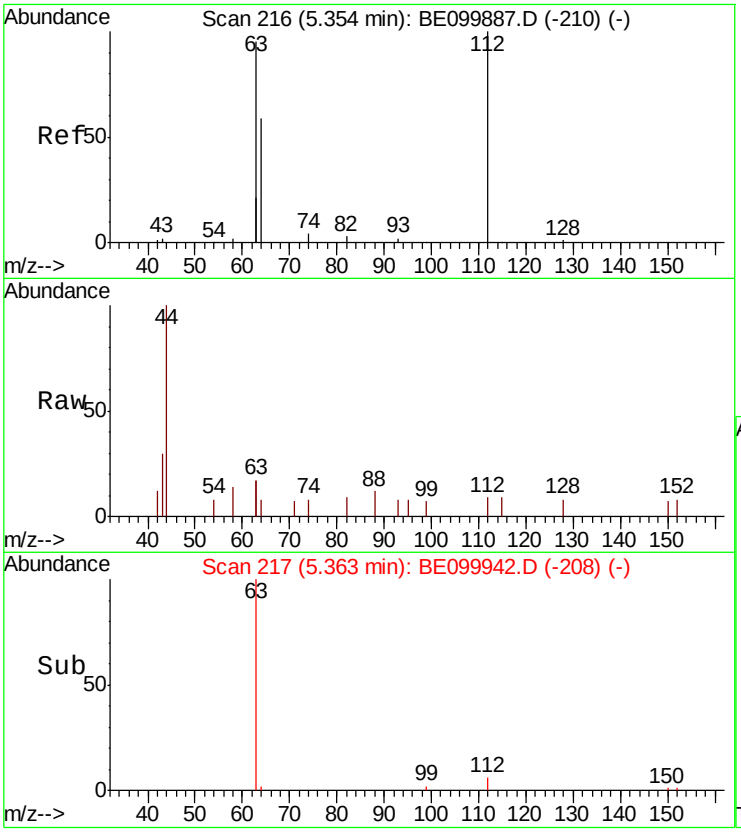


#2
1,4-Dioxane
Concen: 2.011 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Tgt Ion: 88 Resp: 1723

Ion	Ratio	Lower	Upper
88	100		
58	57.1	48.8	73.2
43	20.1	19.0	28.6



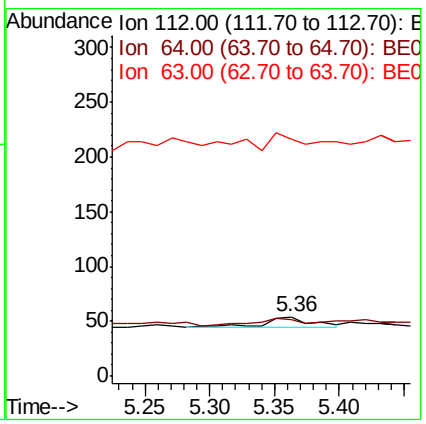


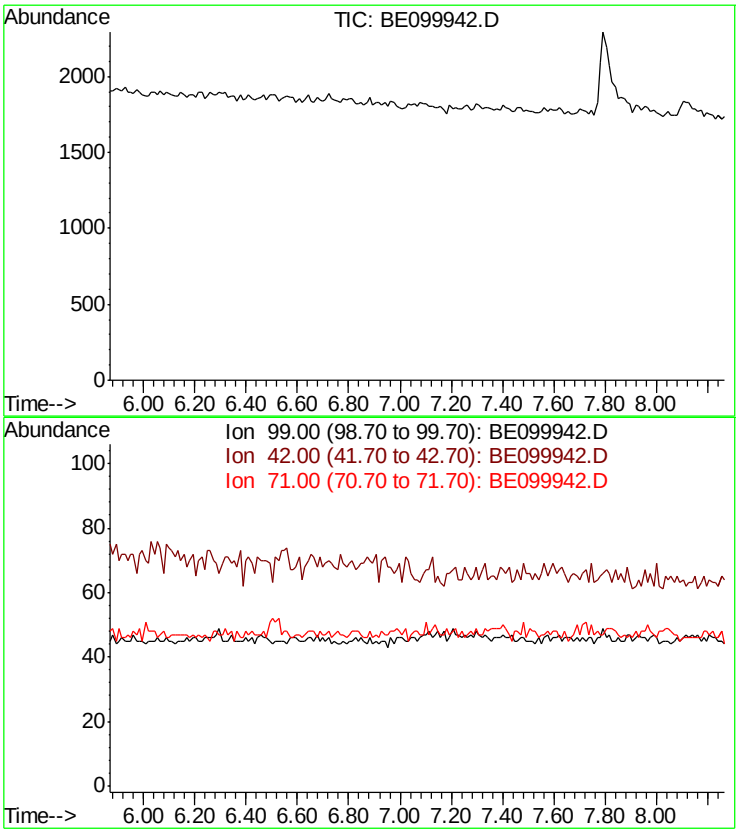
#4
2-Fluorophenol
Concen: 0.014 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606DL

Tgt Ion:112 Resp: 22

Ion	Ratio	Lower	Upper
112	100		
64	68.2	44.1	66.1#
63	127.3	87.8	131.6



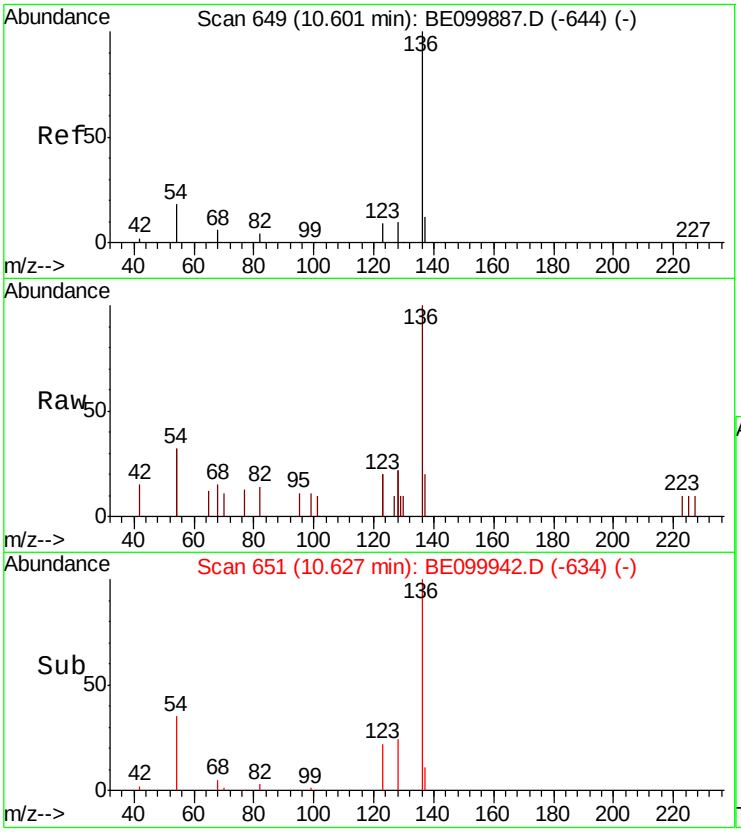


#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.97 min

Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	19.9
71	43.3

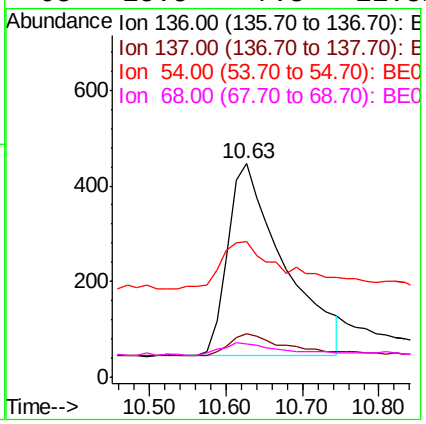


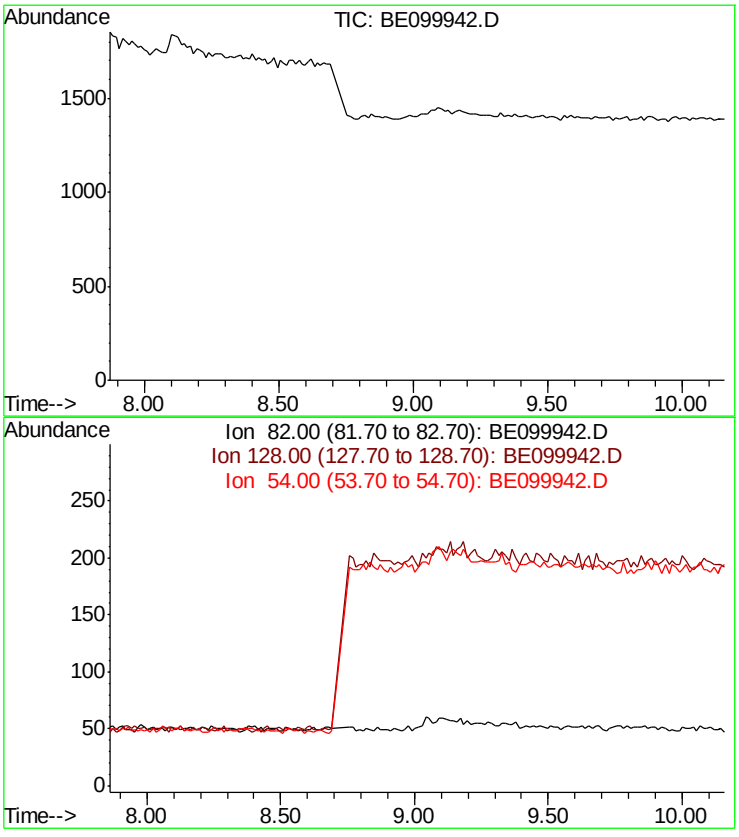
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.03 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606DL

Tgt Ion:136 Resp: 2034

Ion	Ratio	Lower	Upper
136	100		
137	20.4	12.3	18.5#
54	63.7	28.2	42.4#
68	15.5	7.8	11.8#



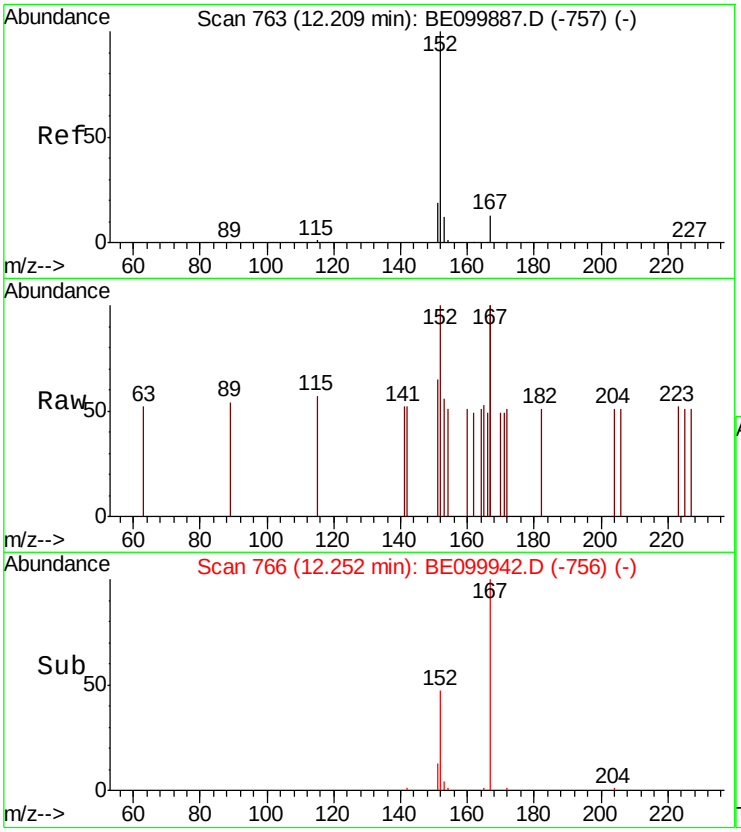


#8
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.96 min

Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	171.6
54	162.1

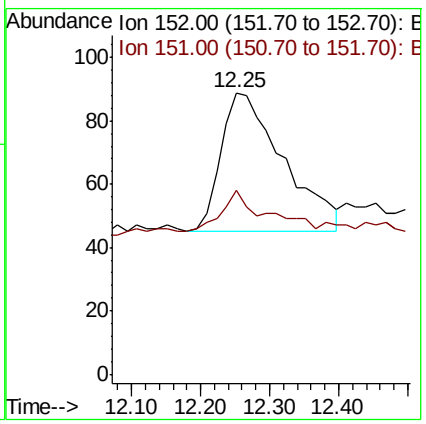


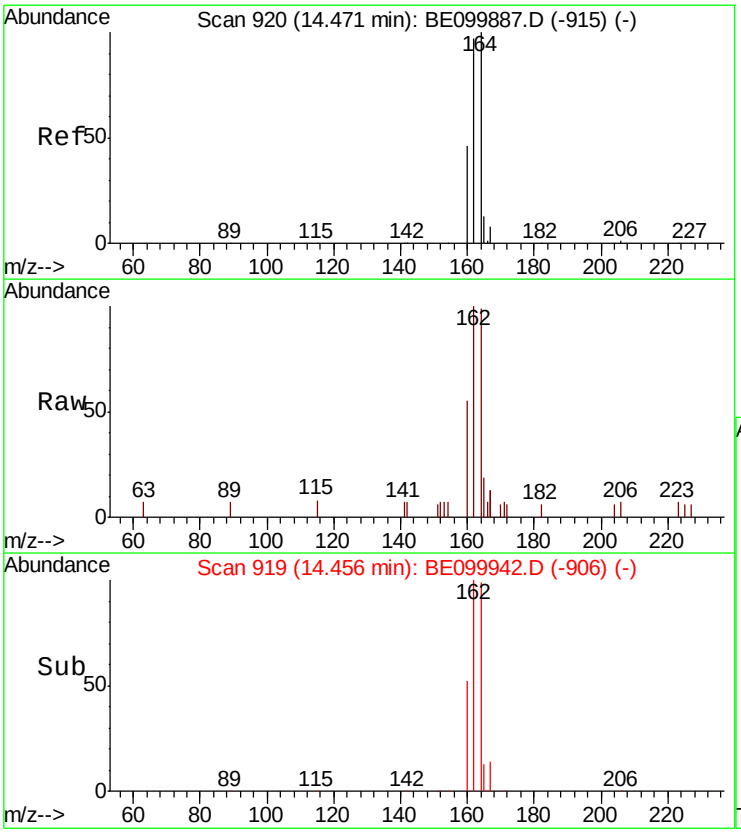
#11
2-Methylnaphthalene-d10
Concen: 0.078 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.04 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606DL

Tgt Ion:152 Resp: 277

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.2	22.8

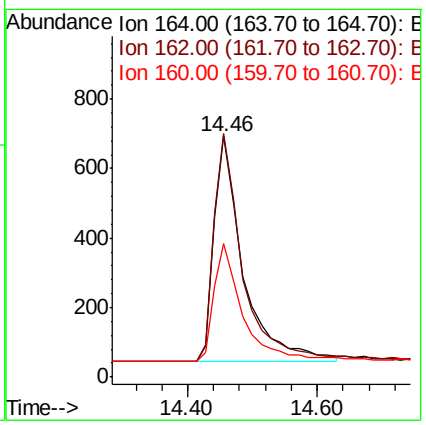


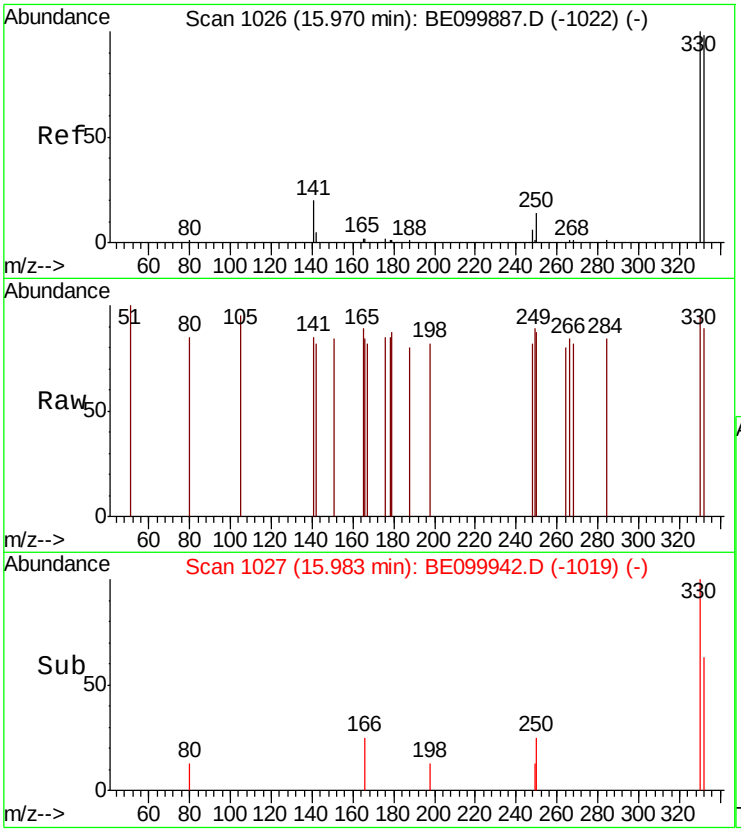


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Tgt Ion:164 Resp: 2025

Ion	Ratio	Lower	Upper
164	100		
162	101.2	77.8	116.8
160	55.4	38.2	57.4



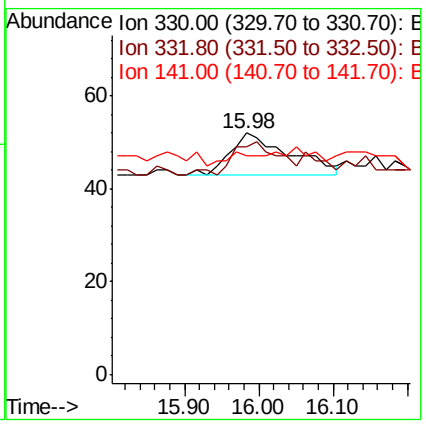


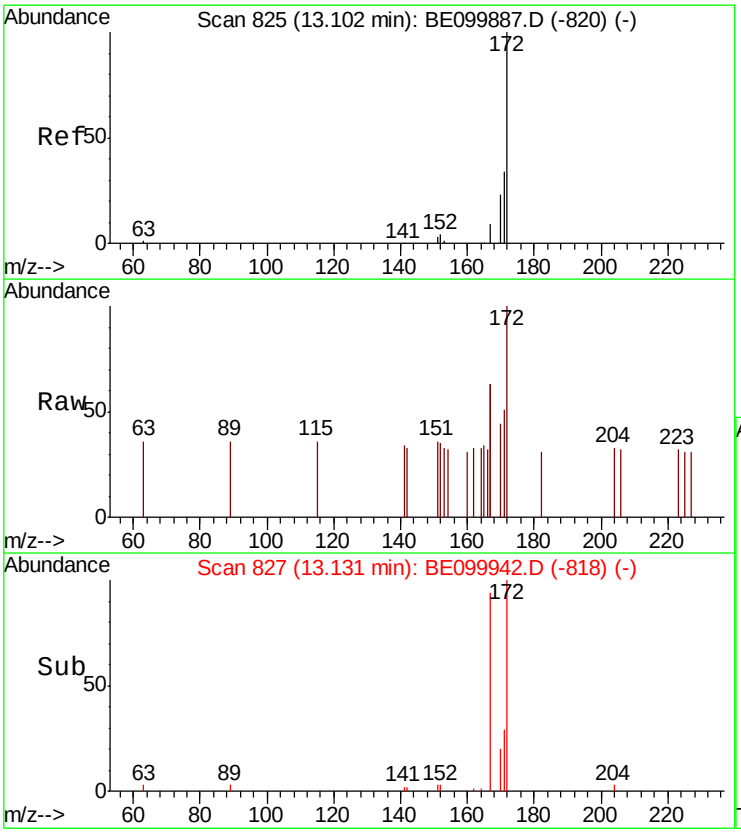
#14
2,4,6-Tribromophenol
Concen: 0.033 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606DL

Tgt Ion:330 Resp: 50

Ion	Ratio	Lower	Upper
330	100		
332	62.0	76.7	115.1#
141	0.0	21.0	31.6#

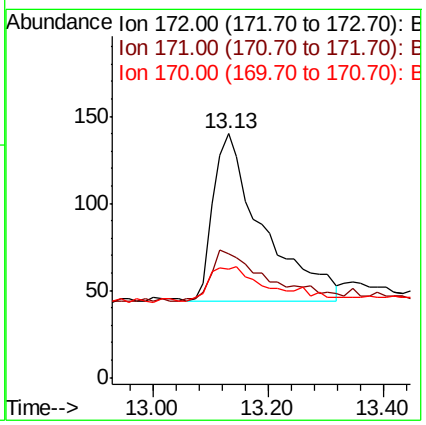


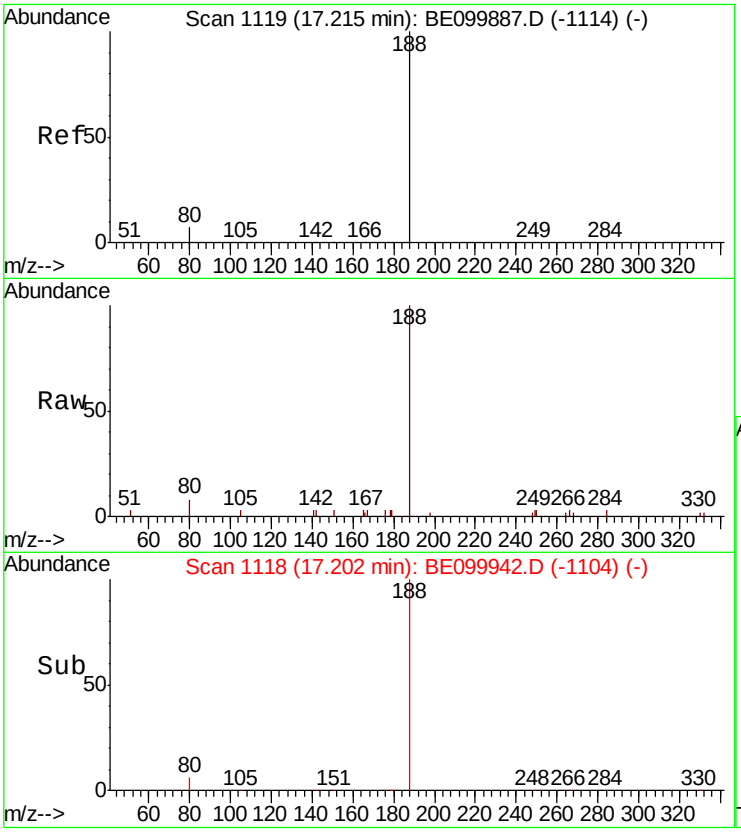


#15
2-Fluorobiphenyl
Concen: 0.075 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.03 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Tgt Ion:172 Resp: 574

Ion	Ratio	Lower	Upper
172	100		
171	50.7	29.2	43.8#
170	44.3	21.2	31.8#



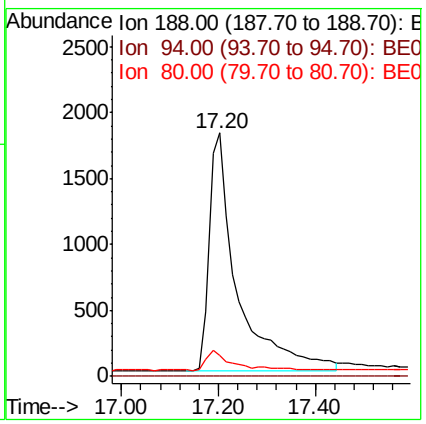


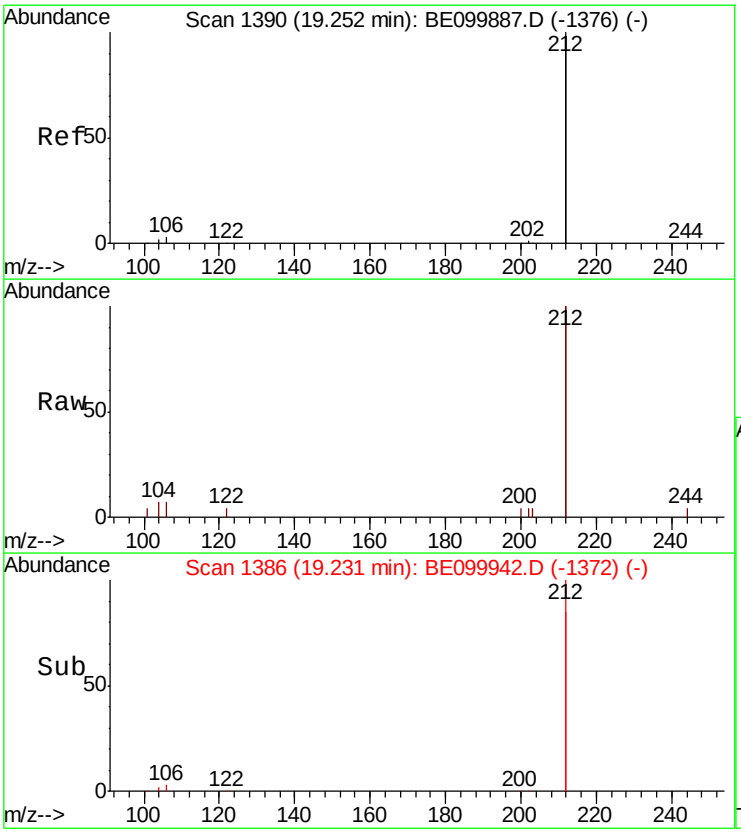
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606DL

Tgt Ion:188 Resp: 7125

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	6.4	9.6

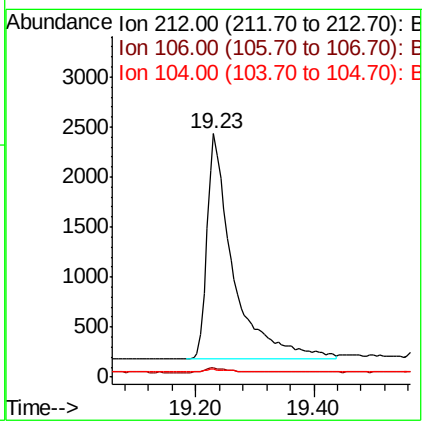


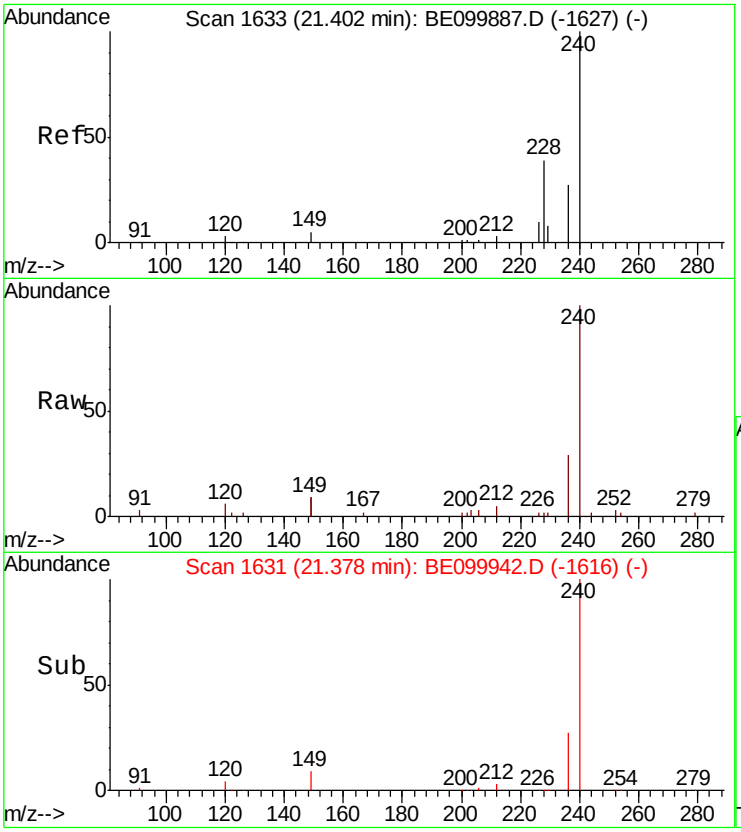


#25
Fluoranthene-d10
Concen: 0.067 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Tgt Ion:212 Resp: 7005

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.4	2.2
104	1.2	0.9	1.3



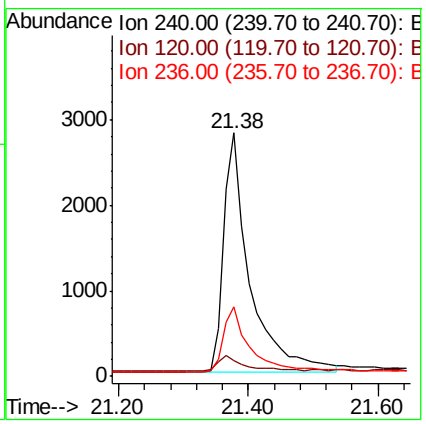


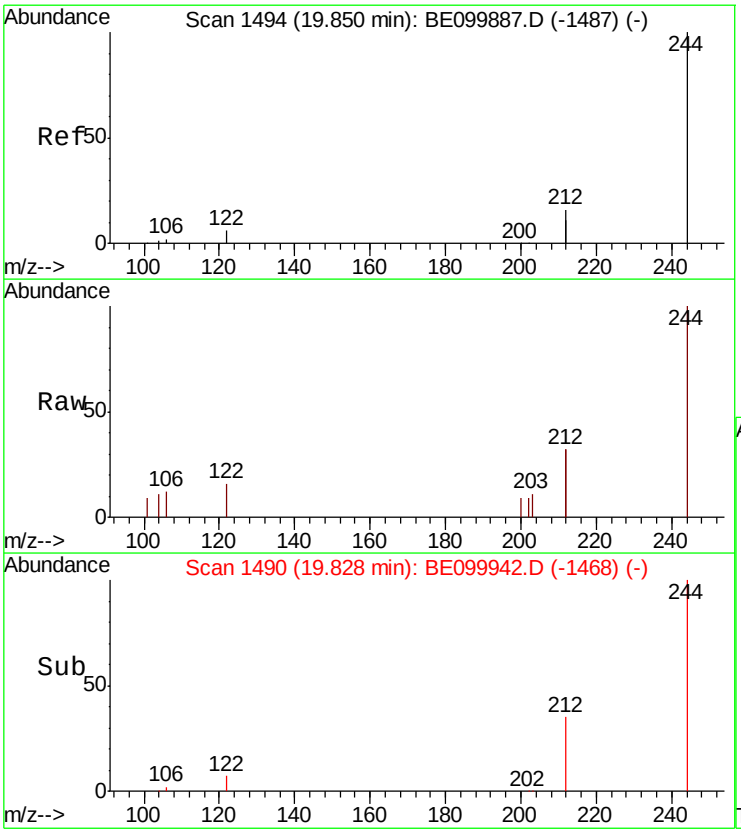
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606DL

Tgt Ion:240 Resp: 7980

Ion	Ratio	Lower	Upper
240	100		
120	6.5	3.8	5.6#
236	28.8	22.0	33.0

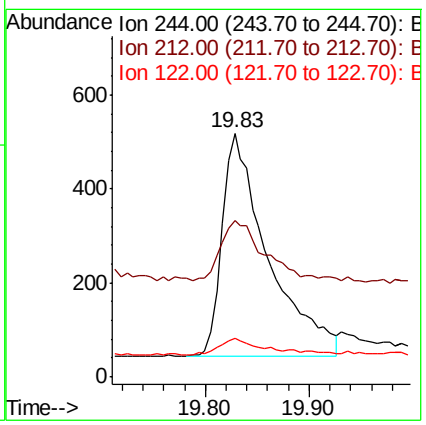


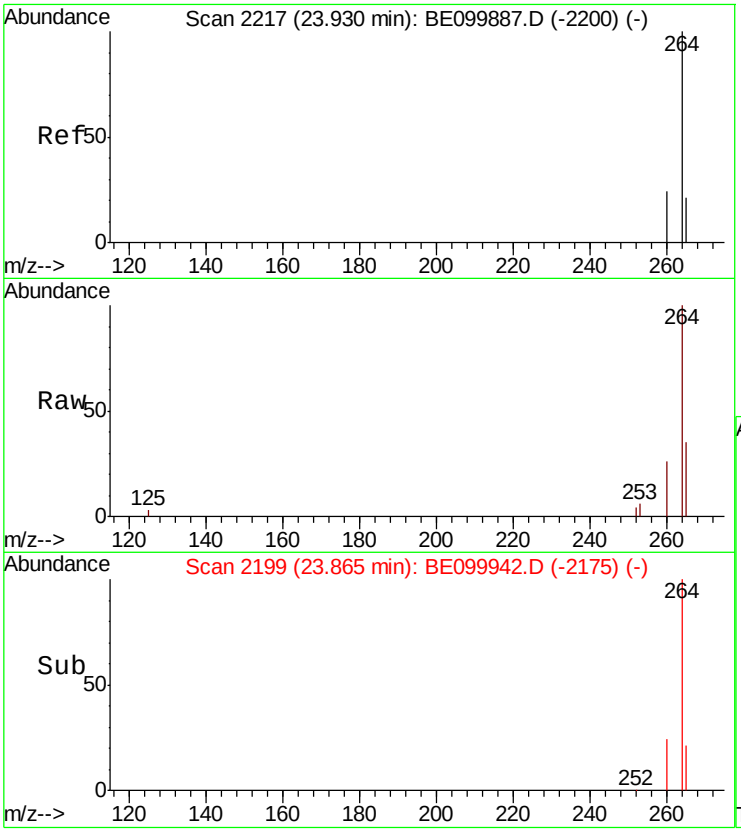


#29
Terphenyl-d14
Concen: 0.101 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Tgt Ion:244 Resp: 1453

Ion	Ratio	Lower	Upper
244	100		
212	64.5	25.7	38.5#
122	15.6	5.5	8.3#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.06 min
Lab File: BE099942.D
Acq: 12 Jun 2019 1:57

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606DL

Tgt Ion:264 Resp: 9065

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	34.8	22.0	33.0#