Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100054.D
Acq On : 15 Jun 2019 11:33
Operator : JU/SJ
Sample : K3315-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE125D3-20190610

Quant Time: Jun 17 01:21:35 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	7.78	152	796	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2681	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2160	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5831	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7742	0.40	ng	0.00
34) Perylene-d12	23.93	264	8282	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	326	0.15	ng	0.01
5) Phenol-d6	6.98	99	272	0.10	ng	0.01
8) Nitrobenzene-d5	8.99	82	932	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	1689	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	421	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3761	0.46	ng	0.00
25) Fluoranthene-d10	19.25	212	31180	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	9186	0.66	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	3526	2.993	ng	94
32) Bis(2-ethylhexyl)phthalate	21.29	149	4824	0.145	ng	98

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

Quantitation Report (QT Reviewed)

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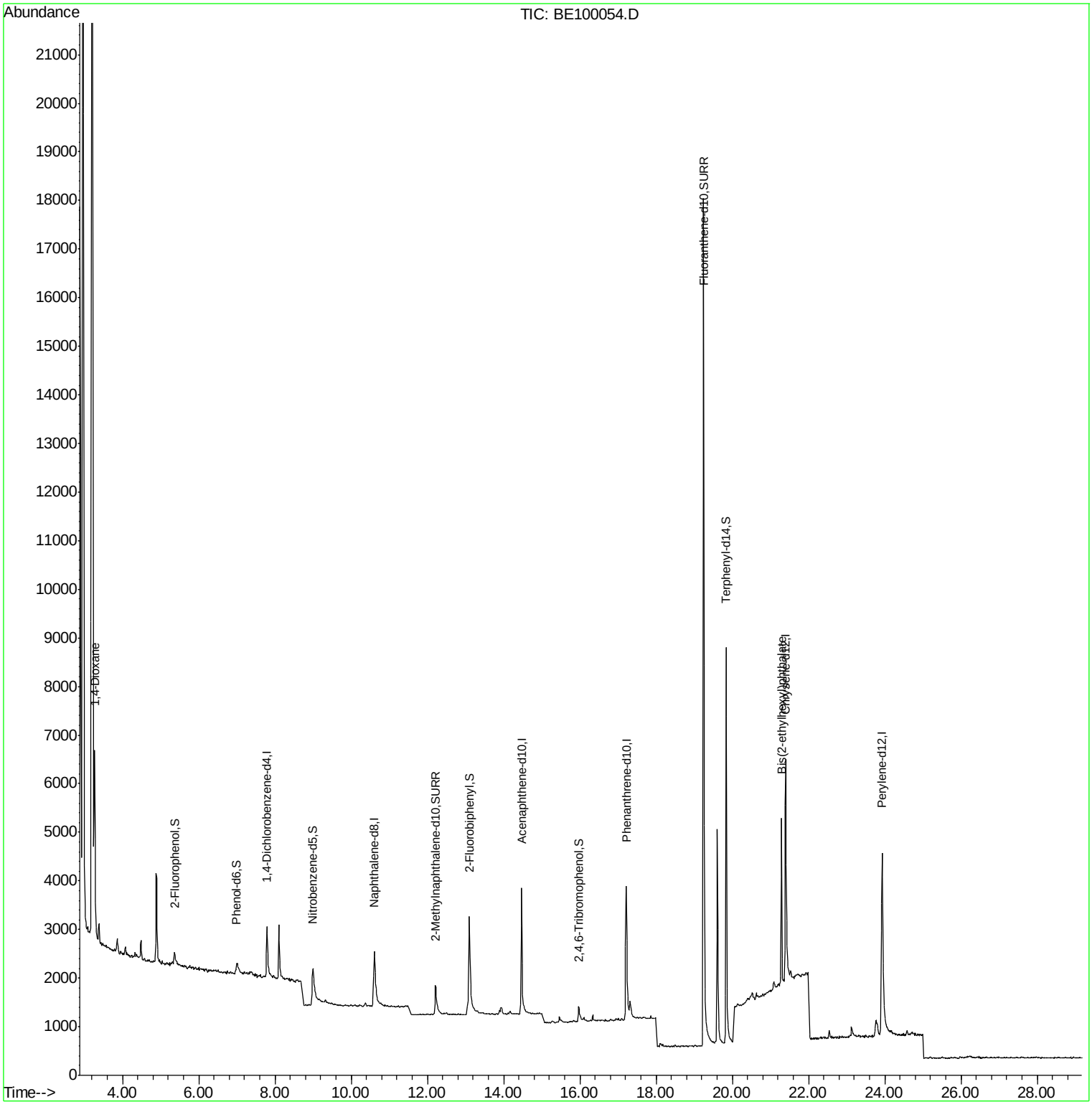
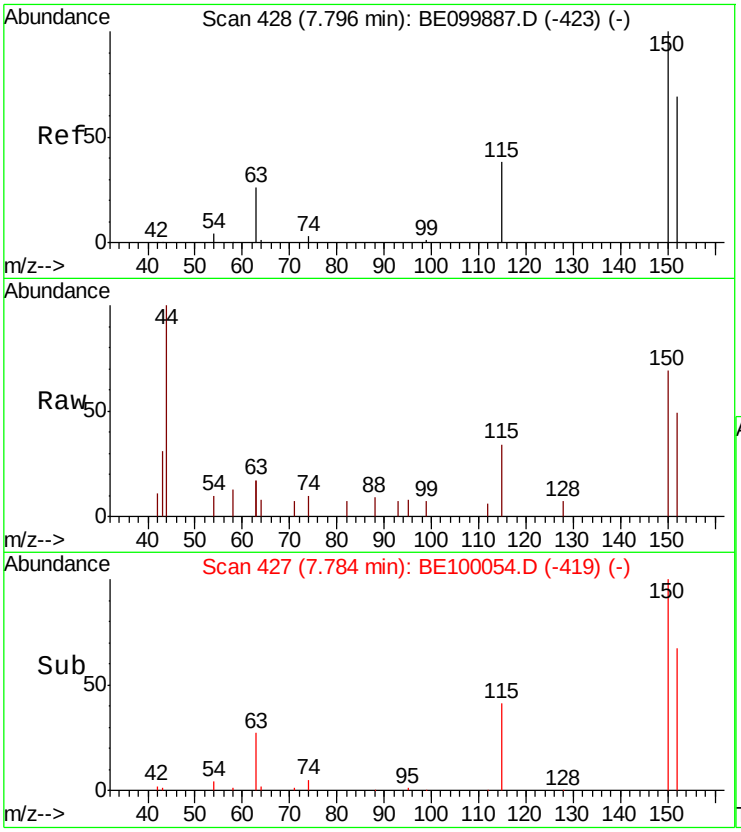


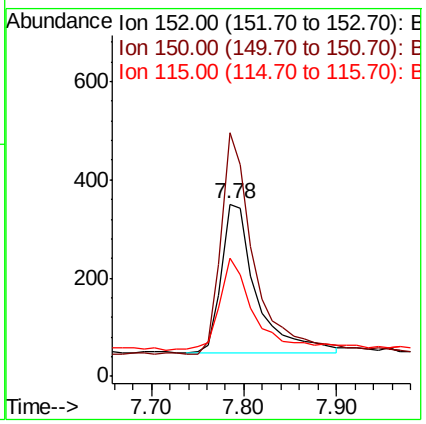


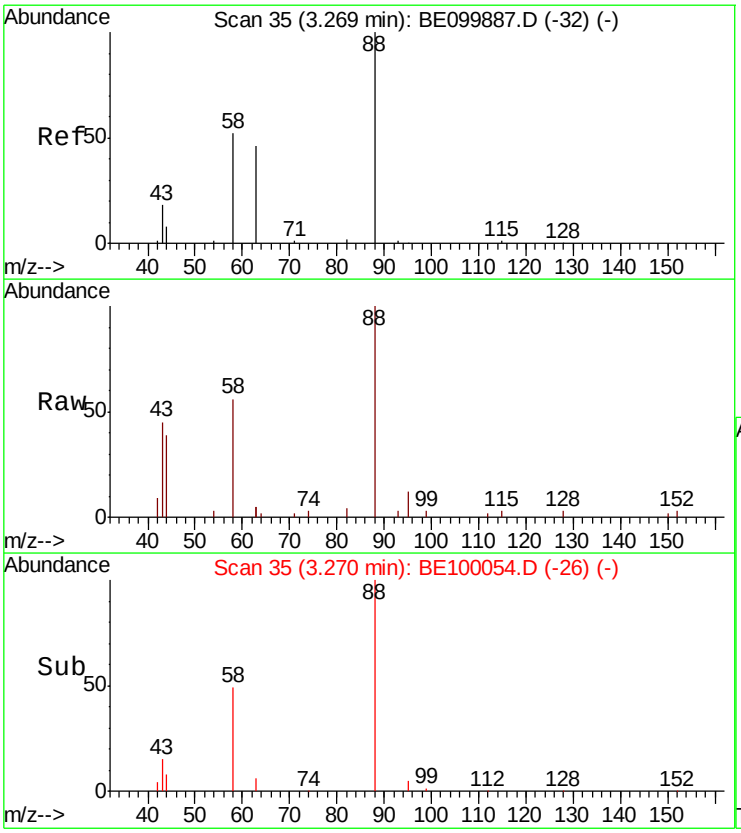
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Instrument :
BNA_E
ClientSampleId :
RE125D3-20190610

Tgt Ion:152 Resp: 796

Ion	Ratio	Lower	Upper
152	100		
150	141.3	111.0	166.6
115	68.4	50.7	76.1

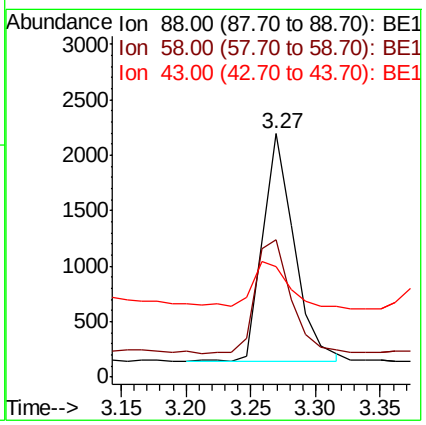


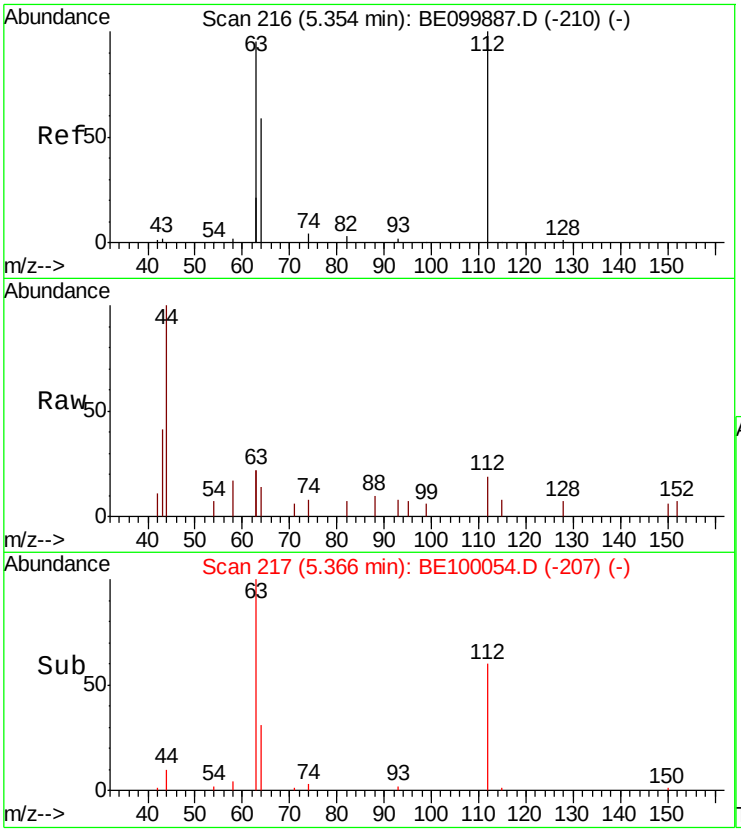


#2
1,4-Dioxane
Concen: 2.993 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Tgt Ion: 88 Resp: 3526

Ion	Ratio	Lower	Upper
88	100		
58	56.6	48.8	73.2
43	21.0	19.0	28.6



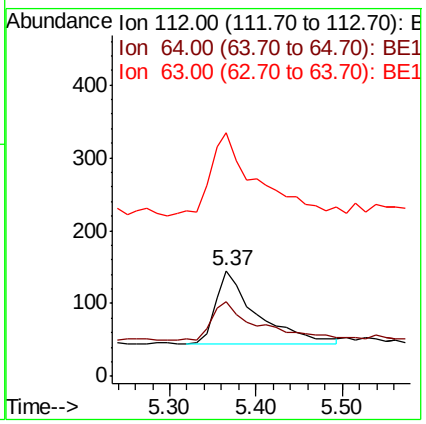


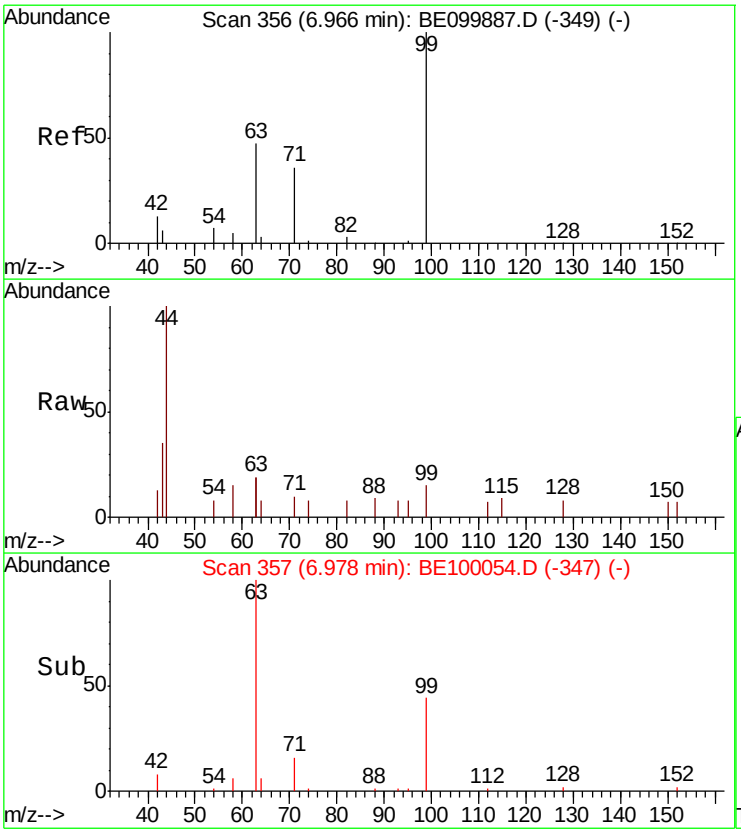
#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.37 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Instrument :
BNA_E
ClientSampleId :
RE125D3-20190610

Tgt Ion:112 Resp: 326

Ion	Ratio	Lower	Upper
112	100		
64	62.9	44.1	66.1
63	134.0	87.8	131.6#

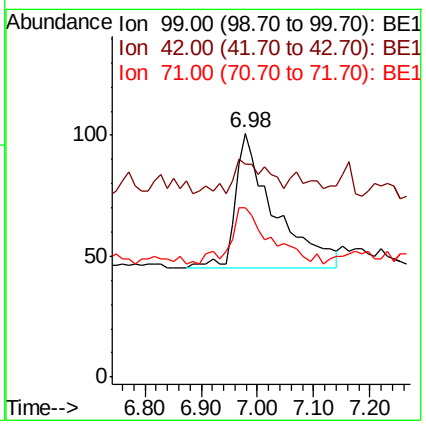


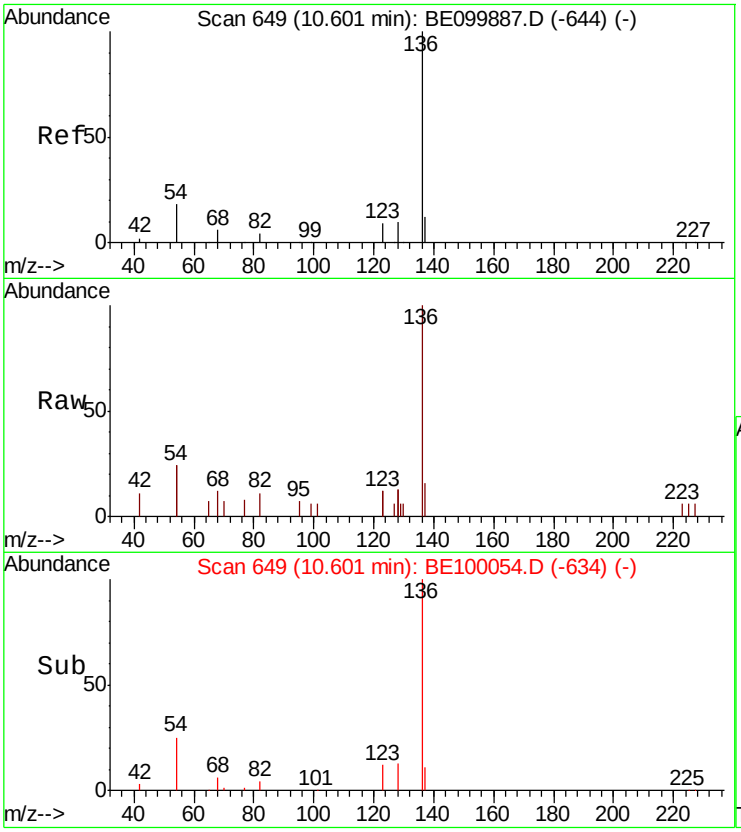


#5
Phenol-d6
Concen: 0.098 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Tgt Ion: 99 Resp: 272

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.9	23.9
71	40.4	34.6	52.0



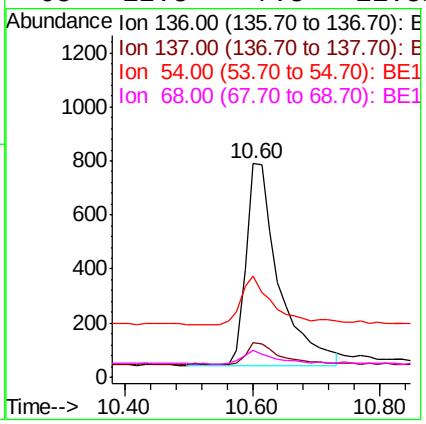


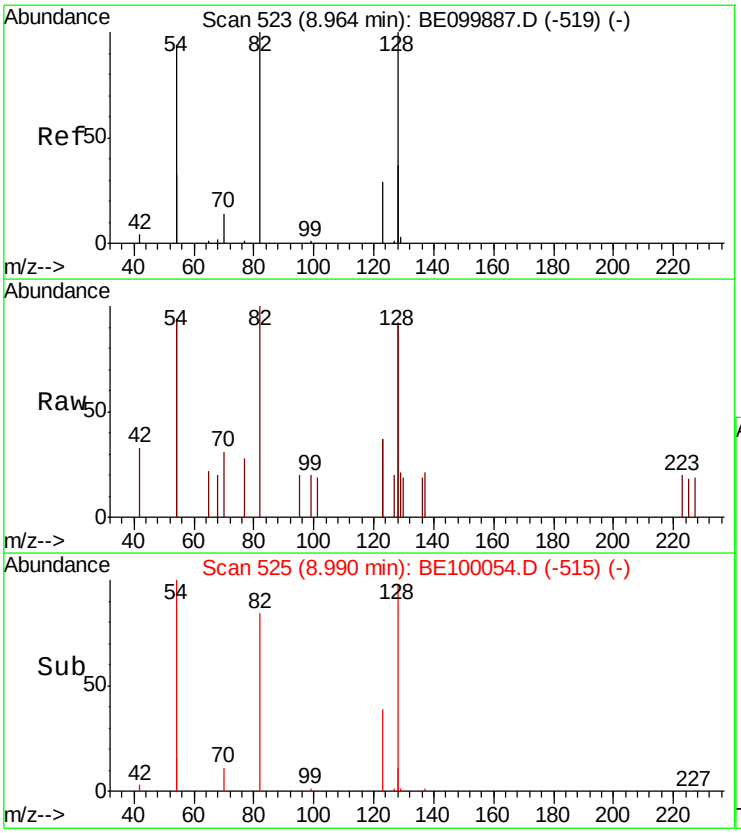
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Instrument :
BNA_E
ClientSampleId :
RE125D3-20190610

Tgt Ion:136 Resp: 2681

Ion	Ratio	Lower	Upper
136	100		
137	16.5	12.3	18.5
54	47.6	28.2	42.4#
68	12.3	7.8	11.8#

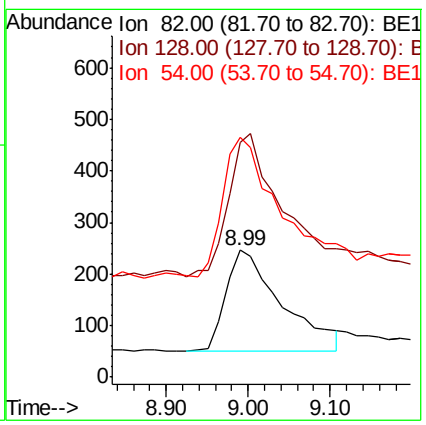


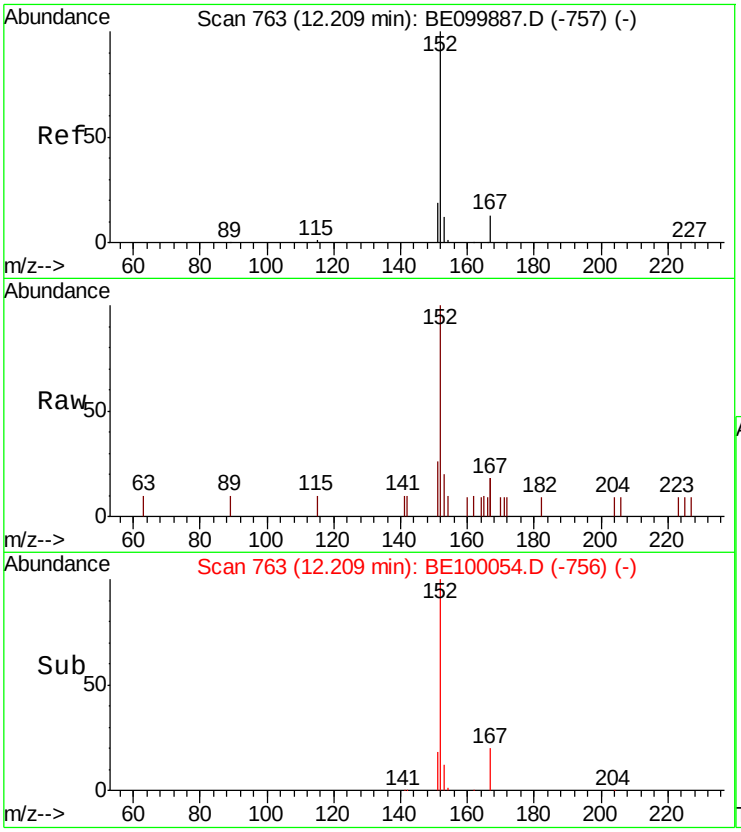


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.03 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Tgt Ion: 82 Resp: 932

Ion	Ratio	Lower	Upper
82	100		
128	184.6	137.3	205.9
54	188.6	129.7	194.5



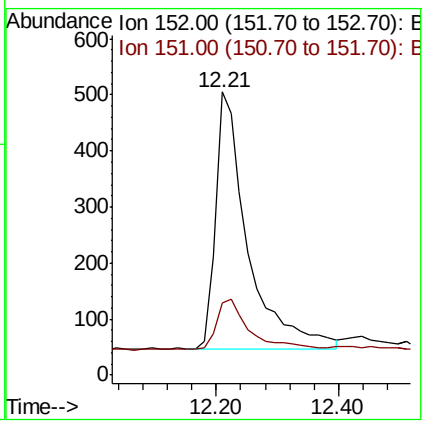


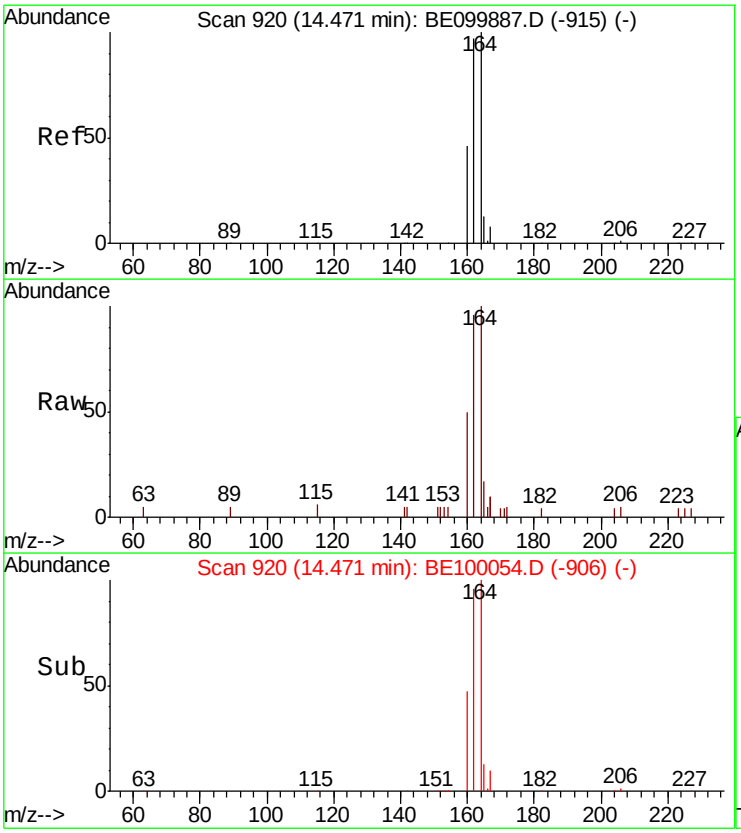
#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Instrument :
BNA_E
ClientSampleId :
RE125D3-20190610

Tgt Ion:152 Resp: 1689

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.2	22.8

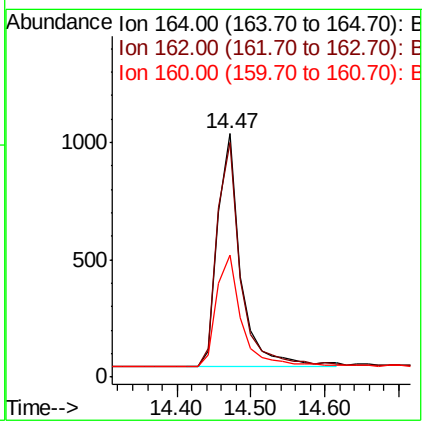


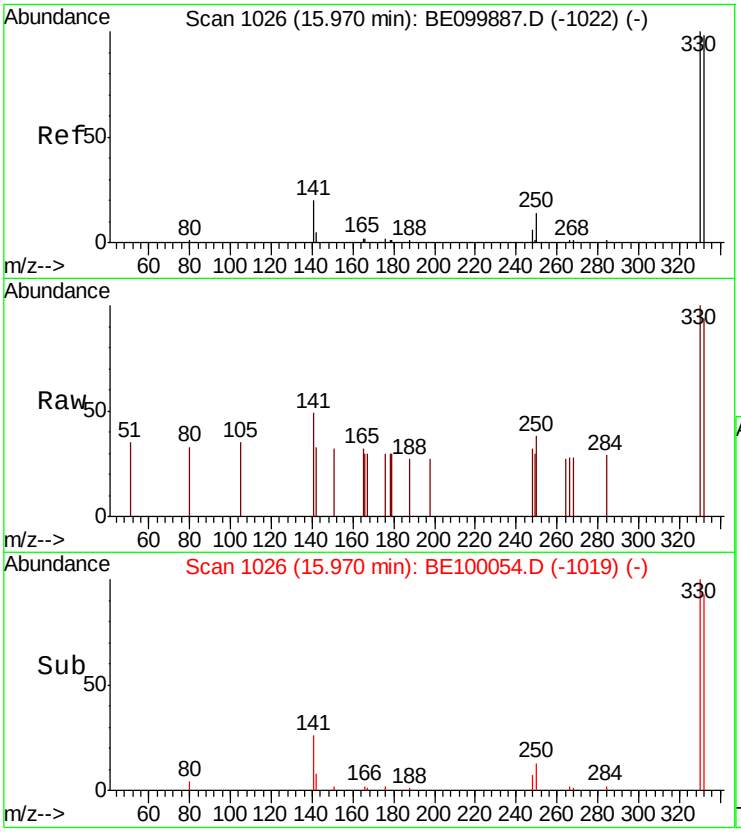


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Tgt Ion:164 Resp: 2160

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.8	116.8
160	50.0	38.2	57.4



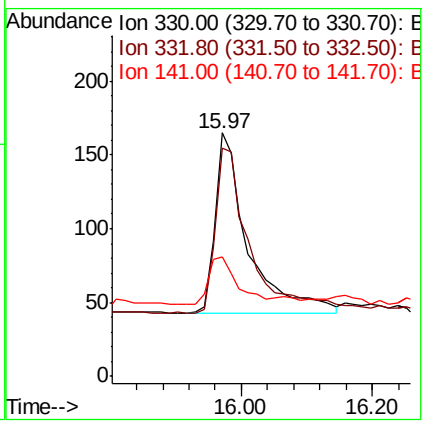


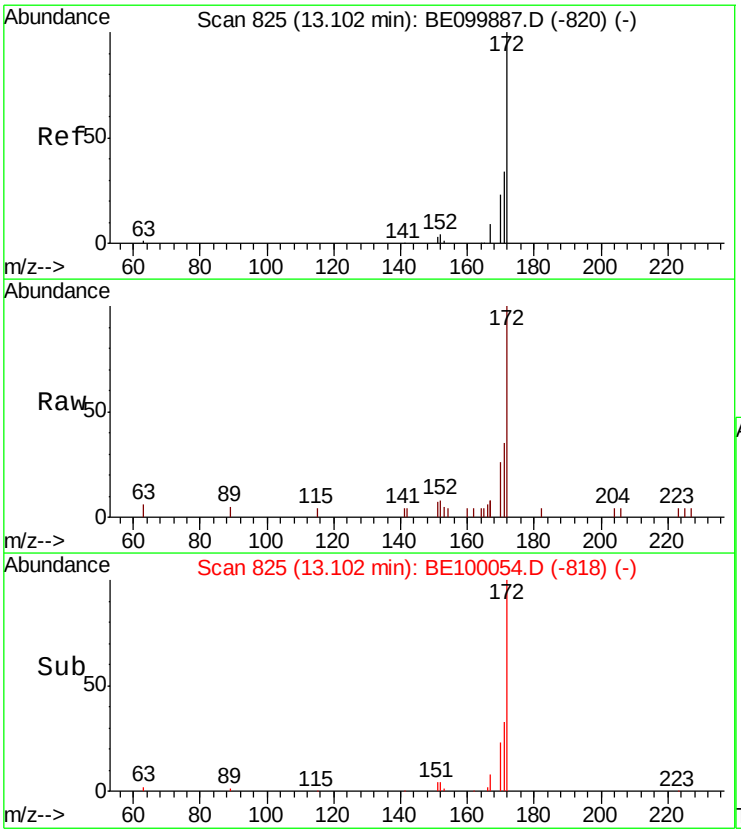
#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Instrument :
BNA_E
ClientSampleId :
RE125D3-20190610

Tgt Ion:330 Resp: 421

Ion	Ratio	Lower	Upper
330	100		
332	100.7	76.7	115.1
141	23.3	21.0	31.6

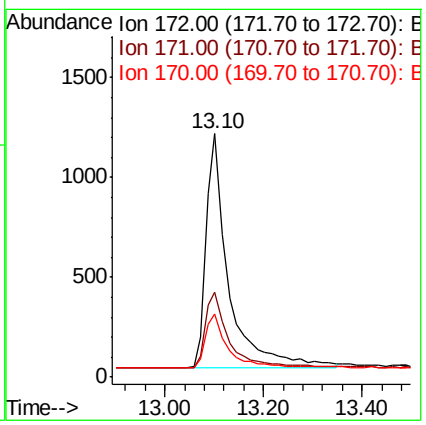


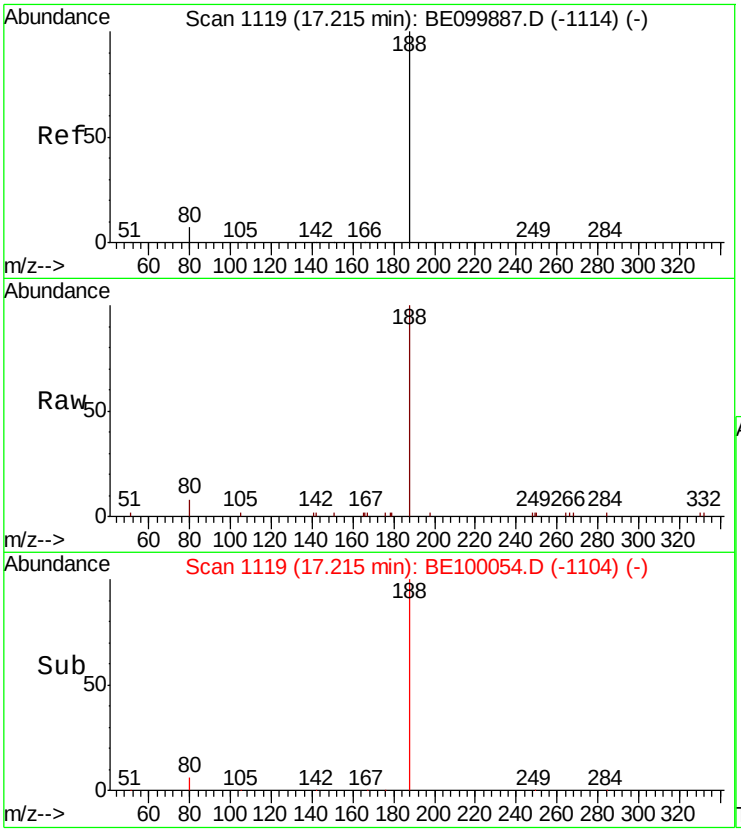


#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Tgt Ion:172 Resp: 3761

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.2	43.8
170	26.1	21.2	31.8



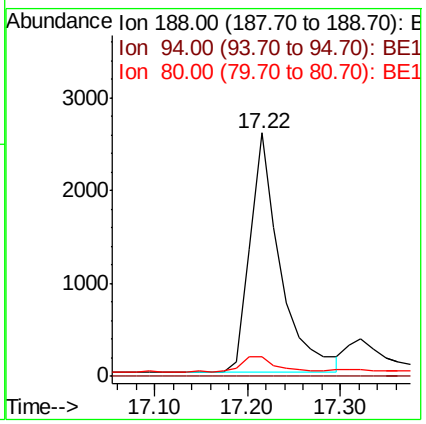


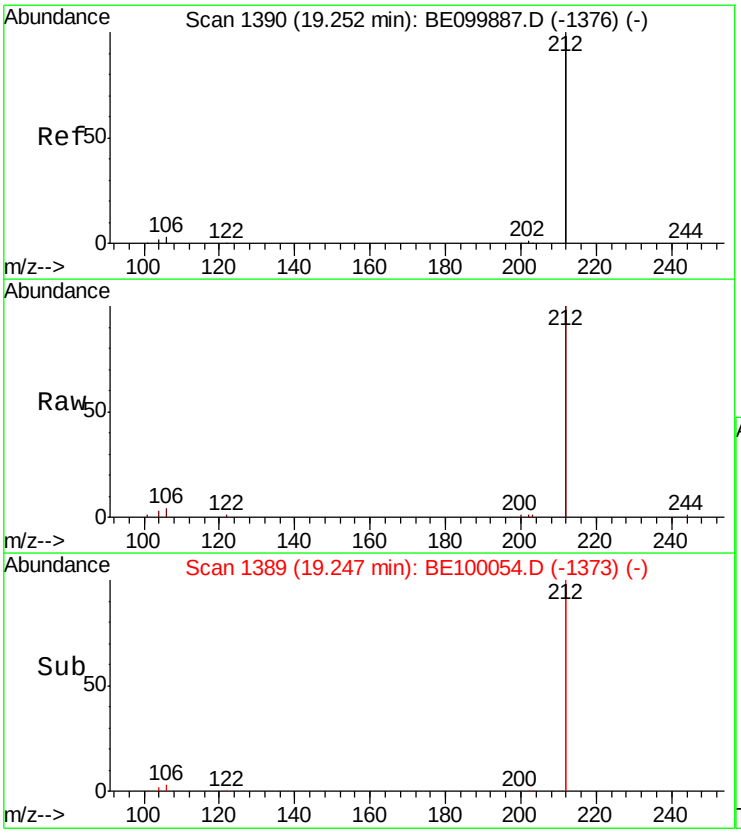
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Instrument :
BNA_E
ClientSampleId :
RE125D3-20190610

Tgt Ion:188 Resp: 5831

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.4	9.6

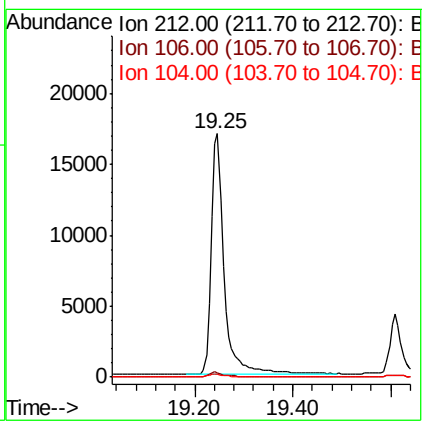


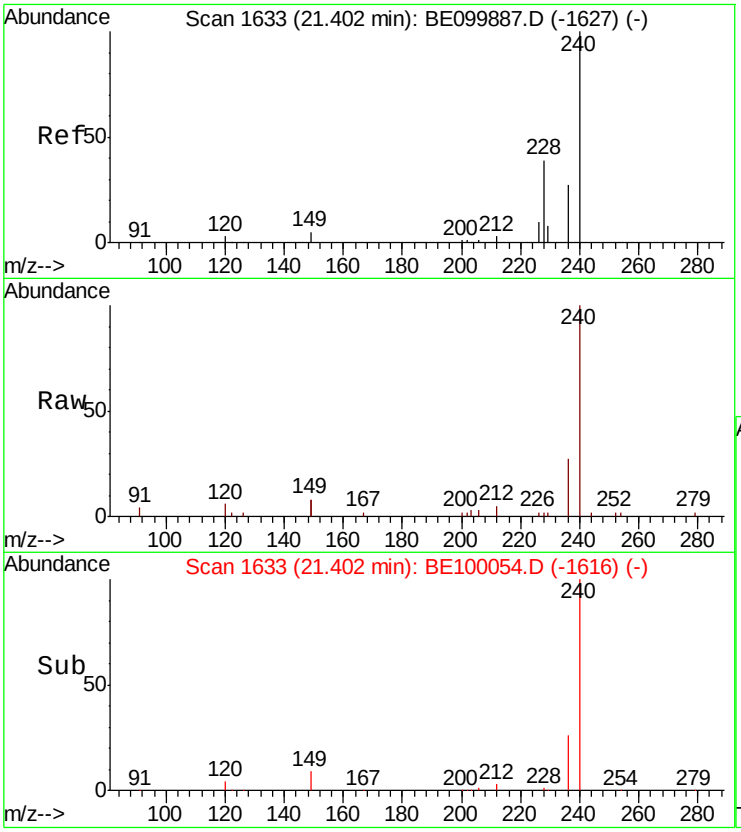


#25
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Tgt Ion:212 Resp: 31180

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3



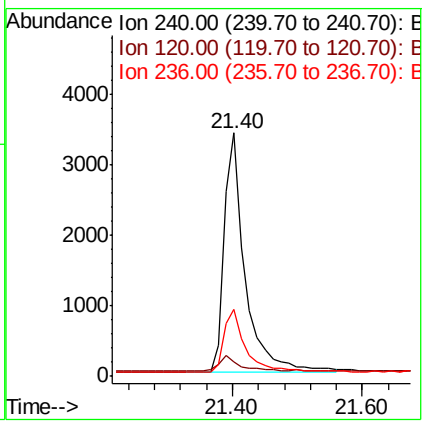


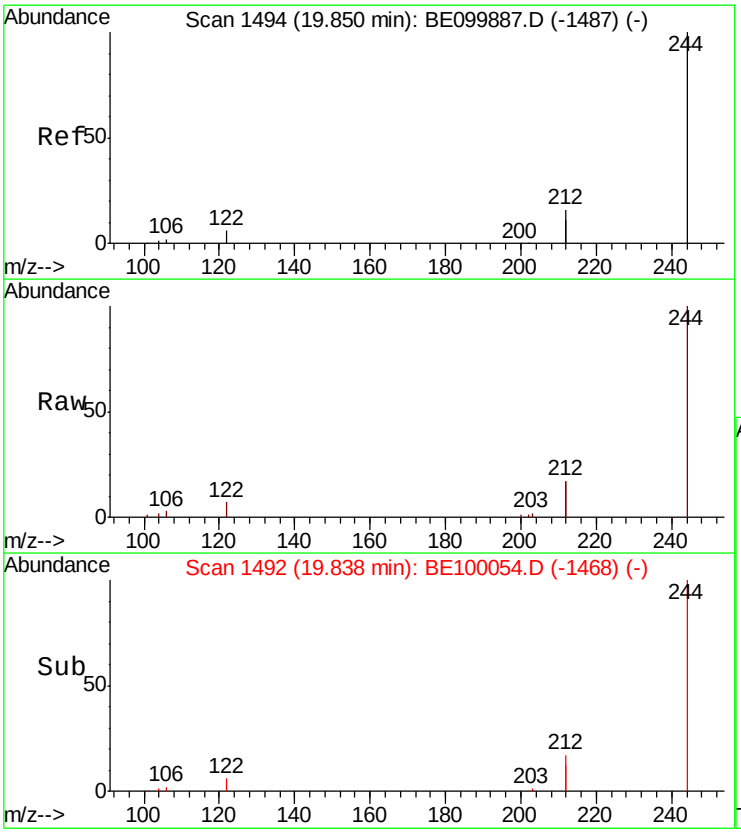
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Instrument :
BNA_E
ClientSampleId :
RE125D3-20190610

Tgt Ion:240 Resp: 7742

Ion	Ratio	Lower	Upper
240	100		
120	6.1	3.8	5.6#
236	27.4	22.0	33.0

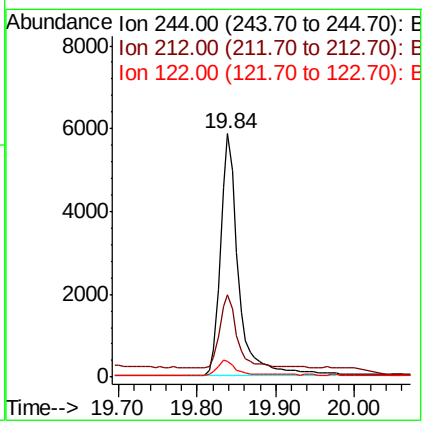


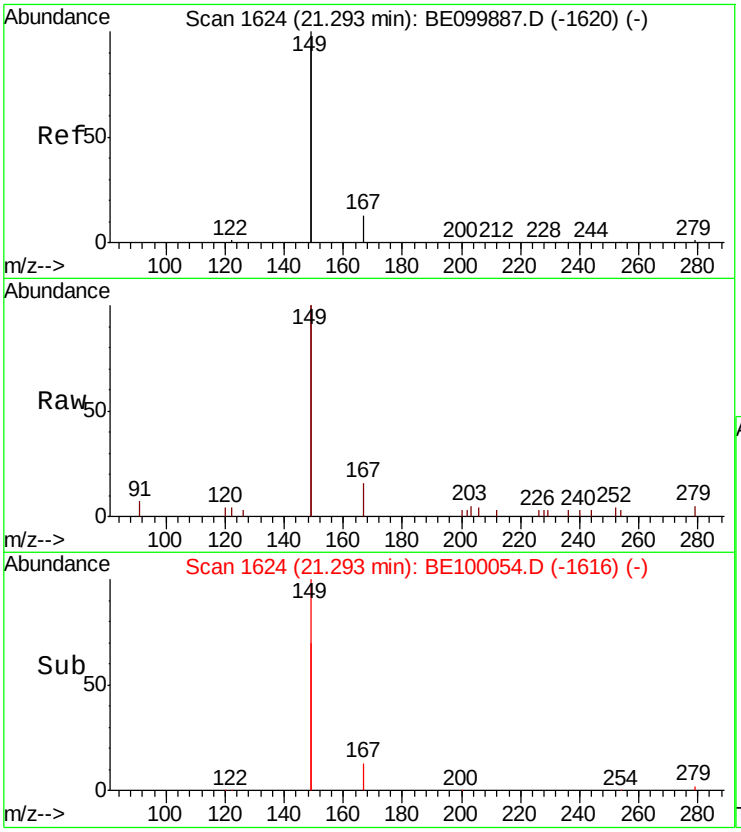


#29
Terphenyl-d14
Concen: 0.659 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Tgt Ion:244 Resp: 9186

Ion	Ratio	Lower	Upper
244	100		
212	33.7	25.7	38.5
122	6.5	5.5	8.3



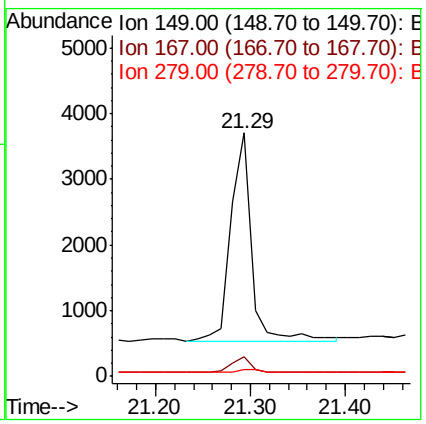


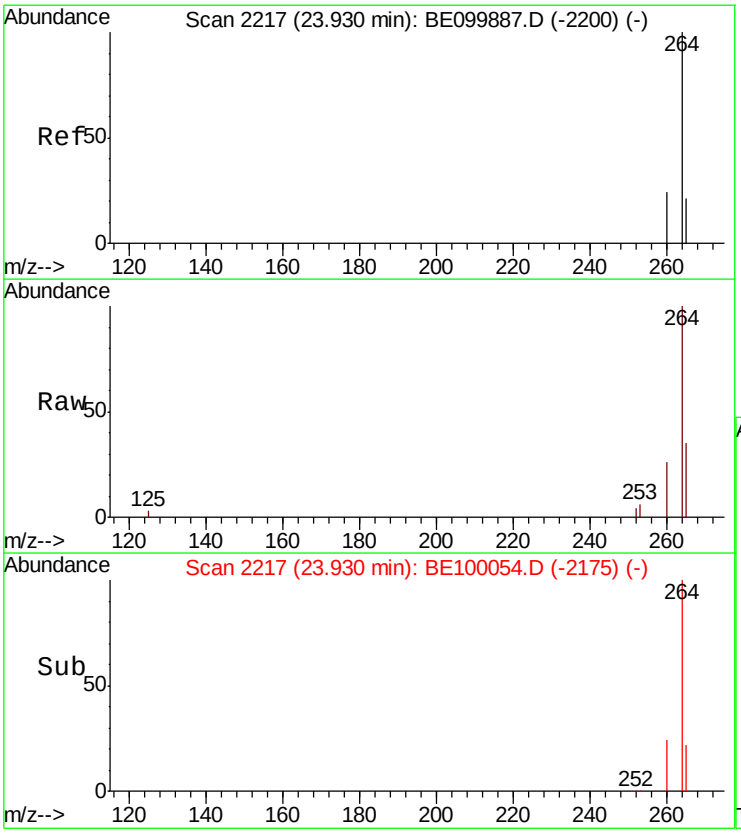
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.145 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Instrument :
BNA_E
ClientSampleId :
RE125D3-20190610

Tgt Ion:149 Resp: 4824

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.9	8.9
279	1.4	1.2	1.8





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BE100054.D
Acq: 15 Jun 2019 11:33

Tgt Ion:264 Resp: 8282

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	35.0	22.0	33.0#