Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100936.D
Acq On : 17 Dec 2019 2:15
Operator : JU
Sample : K6239-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BE-216-COMP-S

Quant Time: Dec 17 07:21:59 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	5283	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	26277	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	26114	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	37950	0.40	ng	0.00
27) Chrysene-d12	21.31	240	27604	0.40	ng	0.00
34) Perylene-d12	23.77	264	32607	0.40	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	3238	0.26	ng	-0.01
5) Phenol-d6	6.93	99	5362	0.28	ng	0.00
8) Nitrobenzene-d5	8.90	82	4624	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	10167	0.27	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	1180	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	12989	0.13	ng	0.00
25) Fluoranthene-d10	19.16	212	105948	0.24	ng	0.01
29) Terphenyl-d14	19.76	244	16361	0.25	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.57	128	18105	0.065	ng	# 98
12) 2-Methylnaphthalene	12.19	142	3367	0.077	ng	# 87
16) Acenaphthylene	14.14	152	24275	0.225	ng	# 1
17) Acenaphthene	14.46	154	2192	0.029	ng	# 55
18) Fluorene	15.42	166	8295	0.086	ng	# 55
24) Anthracene	17.25	178	9930	0.103	ng	# 89
26) Fluoranthene	19.20	202	17038	0.124	ng	# 26
28) Pyrene	19.55	202	39264	0.438	ng	# 63
31) Chrysene	21.33	228	44557	0.466	ng	# 1

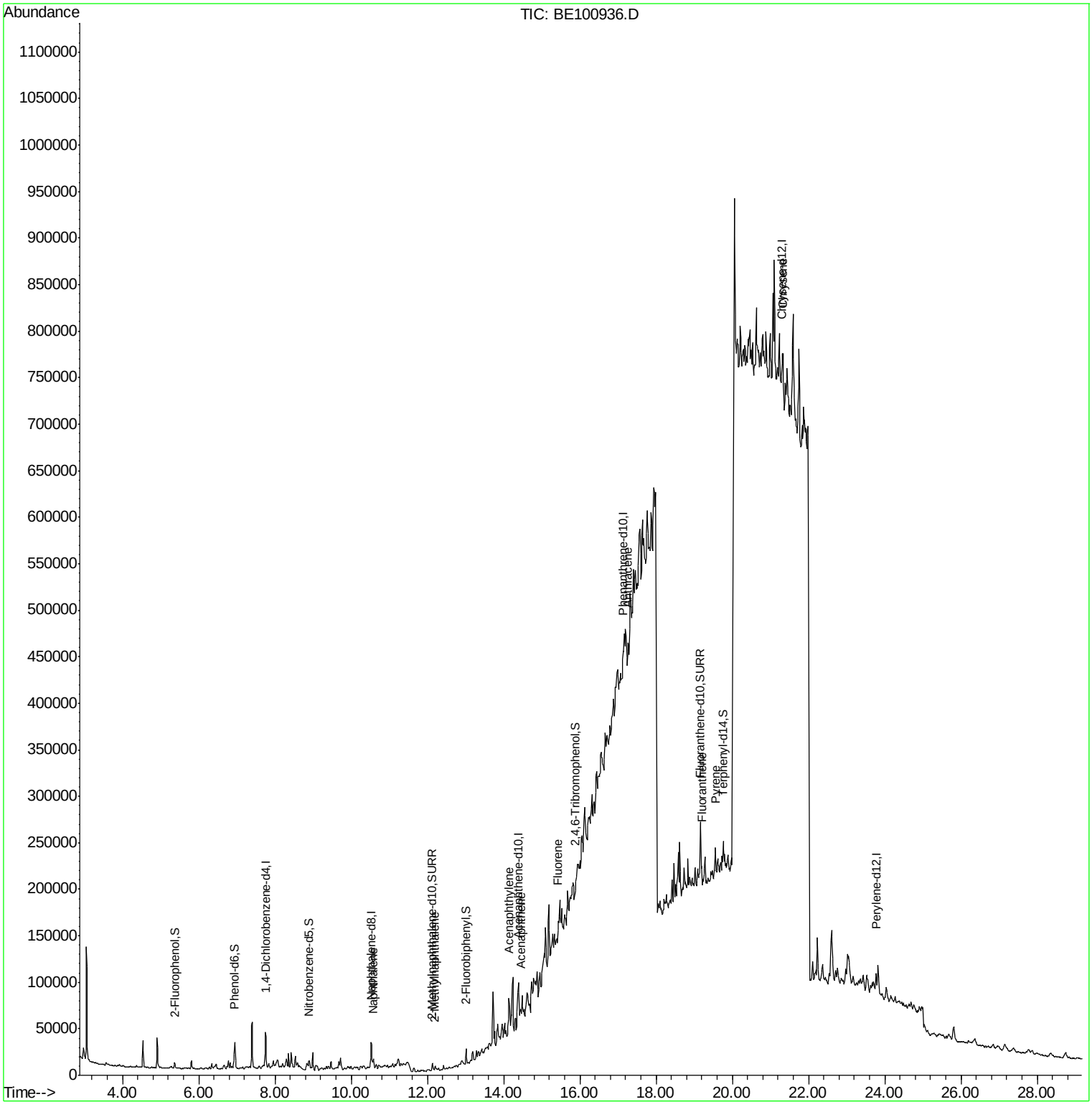
(#) = qualifier out of range (m) = manual integration (+) = signals summed

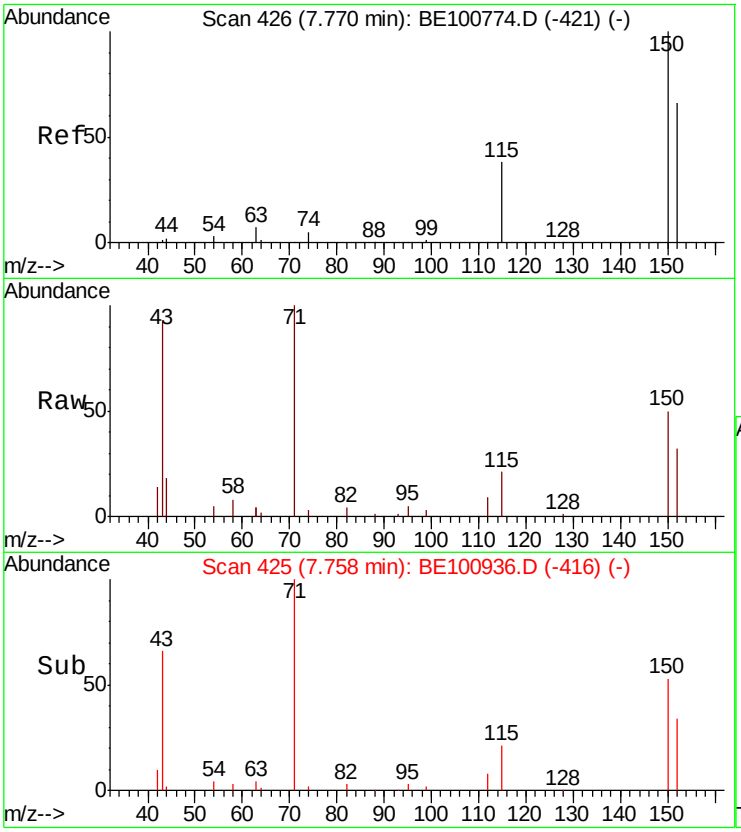
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100936.D
Acq On : 17 Dec 2019 2:15
Operator : JU
Sample : K6239-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BE-216-COMP-S

Quant Time: Dec 17 07:21:59 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



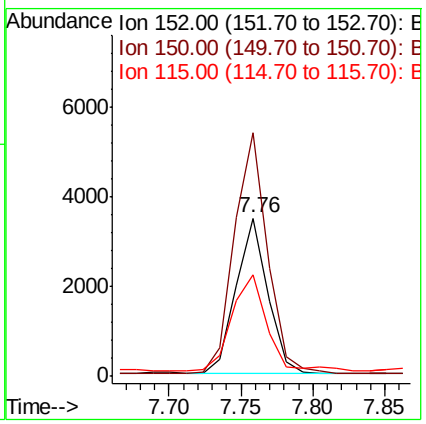


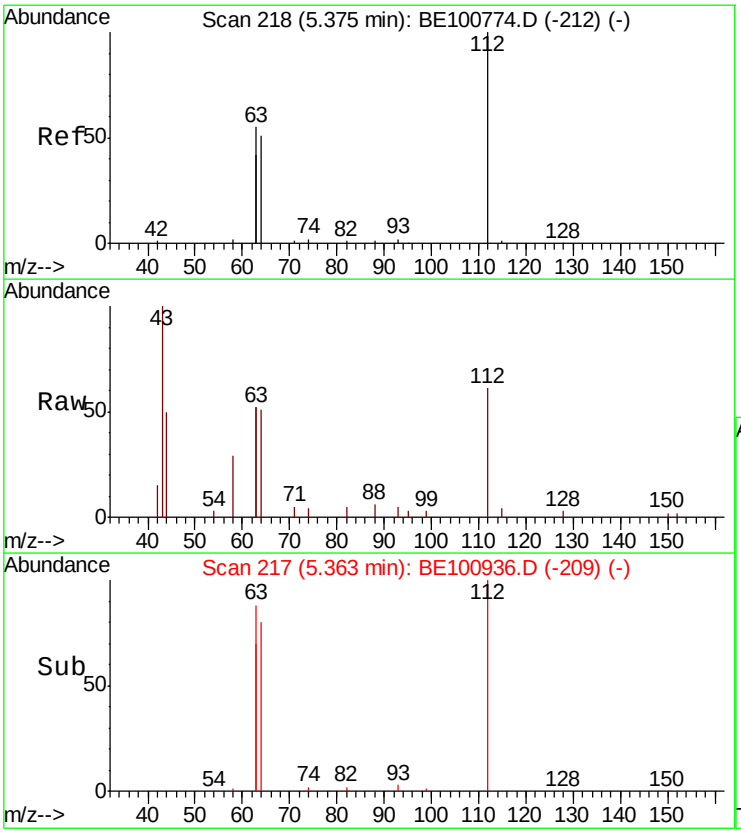
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion:152 Resp: 5283

Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.5	188.3
115	64.5	55.7	83.5

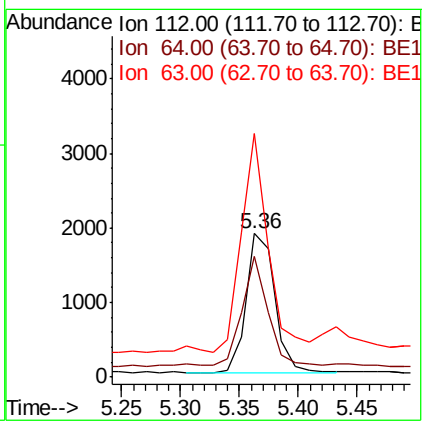


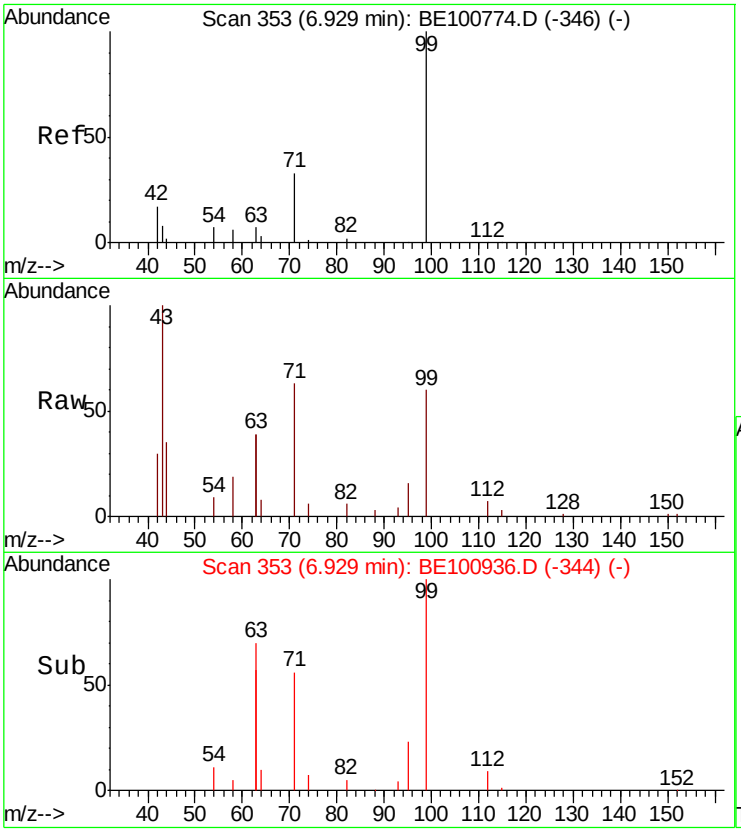


#4
2-Fluorophenol
Concen: 0.258 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:112 Resp: 3238

Ion	Ratio	Lower	Upper
112	100		
64	66.8	54.5	81.7
63	144.8	116.1	174.1



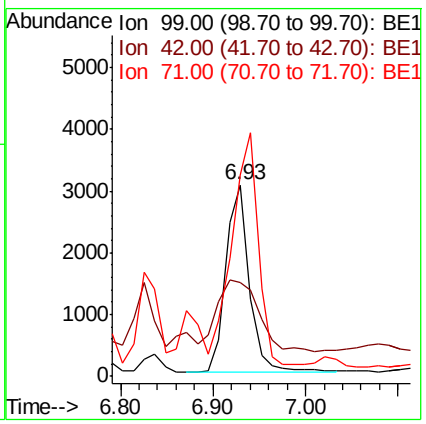


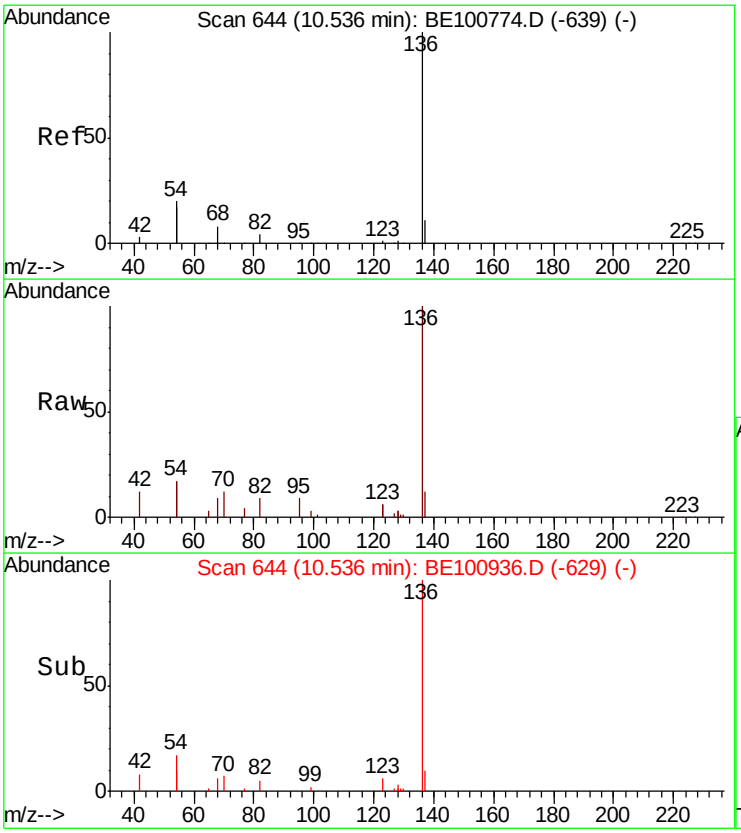
#5
Phenol-d6
Concen: 0.283 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion: 99 Resp: 5362

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.2	27.2#
71	135.8	29.1	43.7#

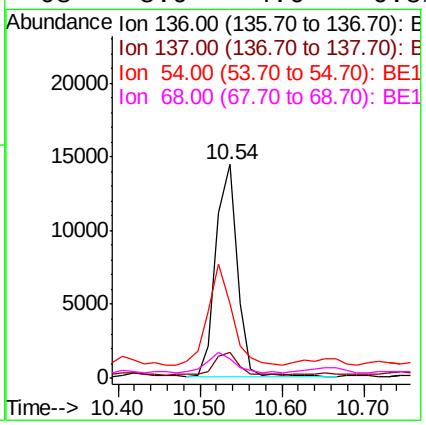


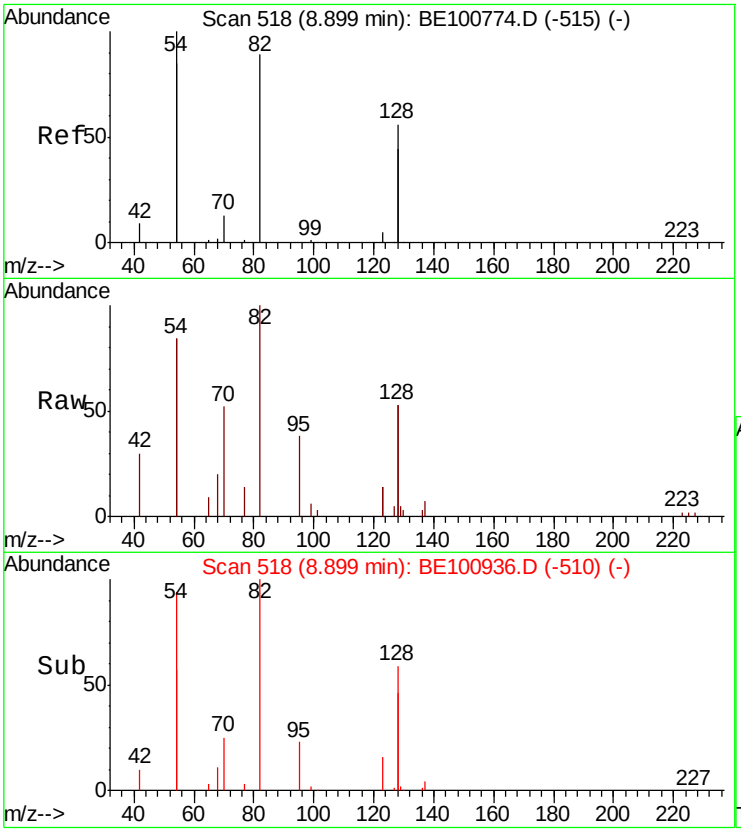


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:136 Resp: 26277

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.1	13.7
54	34.6	18.9	28.3#
68	8.9	4.6	6.8#



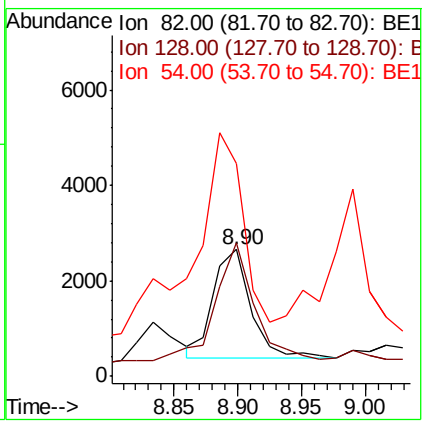


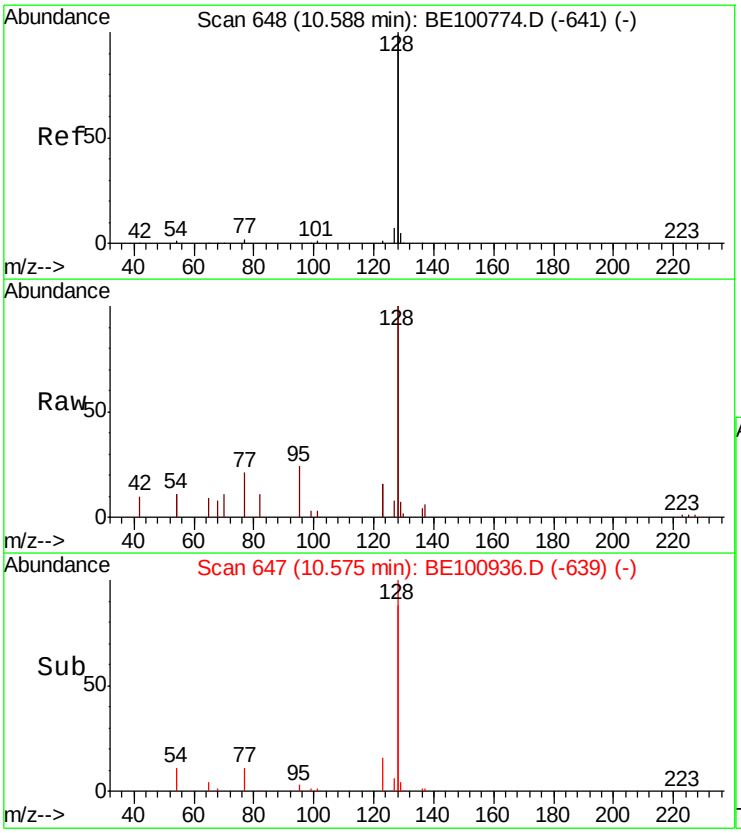
#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion: 82 Resp: 4624

Ion	Ratio	Lower	Upper
82	100		
128	105.8	113.5	170.3#
54	168.4	138.9	208.3

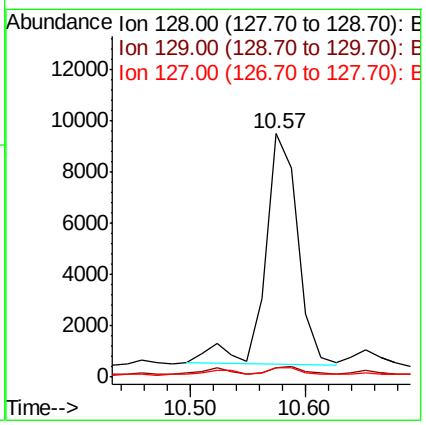


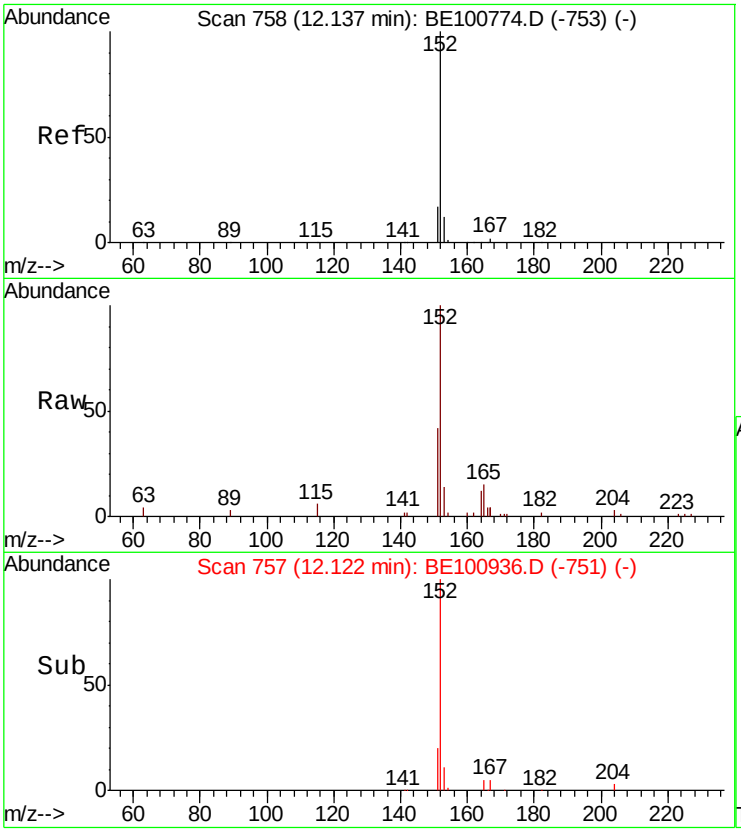


#9
Naphthalene
Concen: 0.065 ng
RT: 10.57 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:128 Resp: 18105

Ion	Ratio	Lower	Upper
128	100		
129	3.7	2.2	3.4#
127	3.9	2.8	4.2



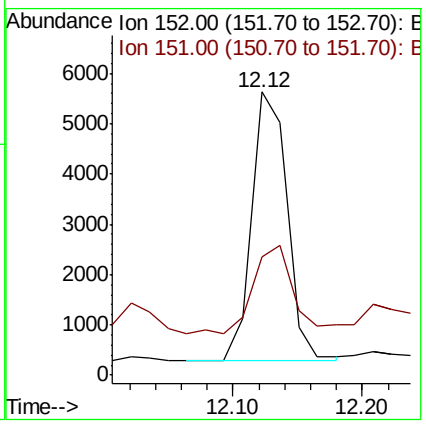


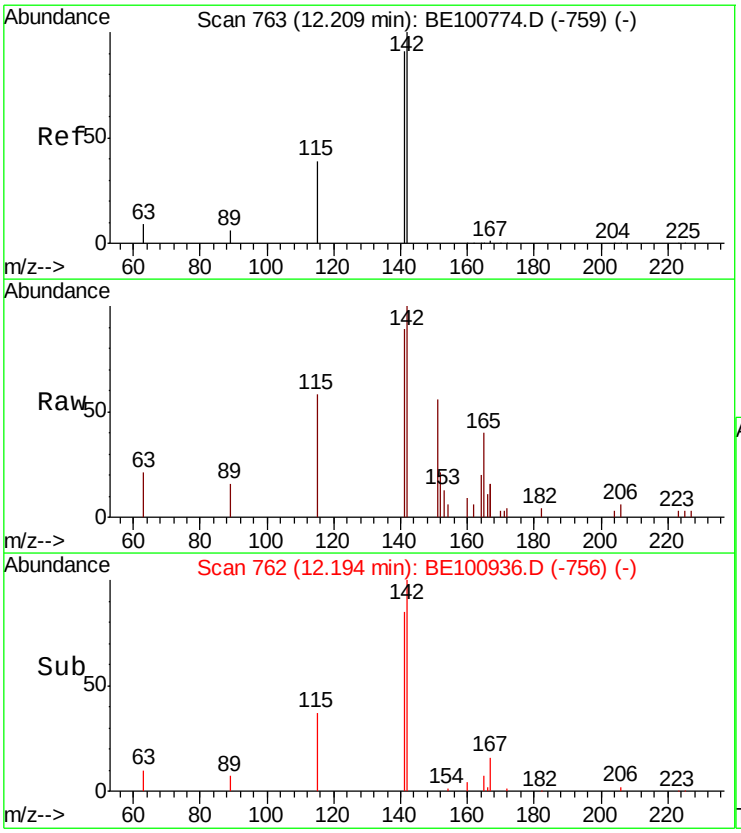
#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.02 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion:152 Resp: 10167

Ion	Ratio	Lower	Upper
152	100		
151	36.7	15.1	22.7#

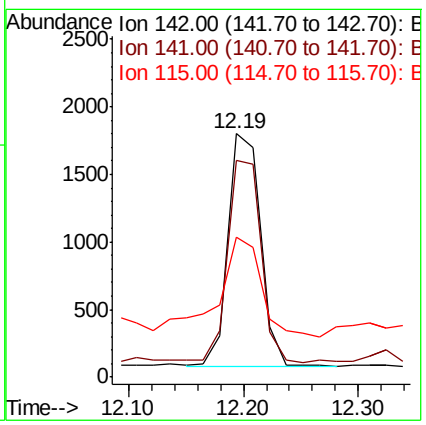


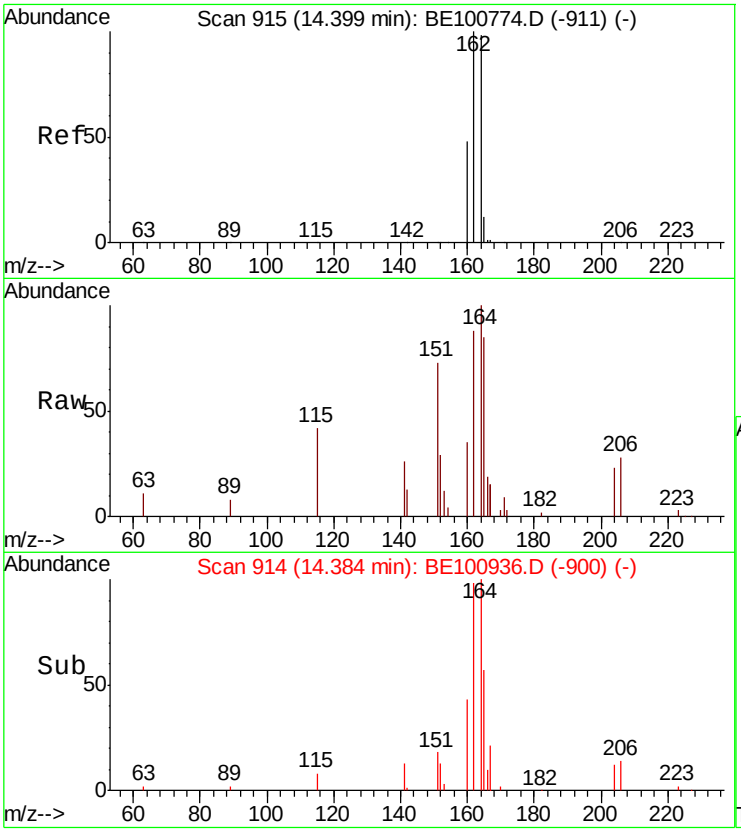


#12
2-Methylnaphthalene
Concen: 0.077 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.02 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:142 Resp: 3367

Ion	Ratio	Lower	Upper
142	100		
141	89.0	68.9	103.3
115	57.7	29.5	44.3#



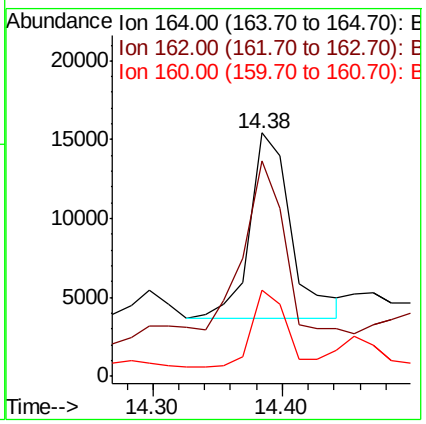


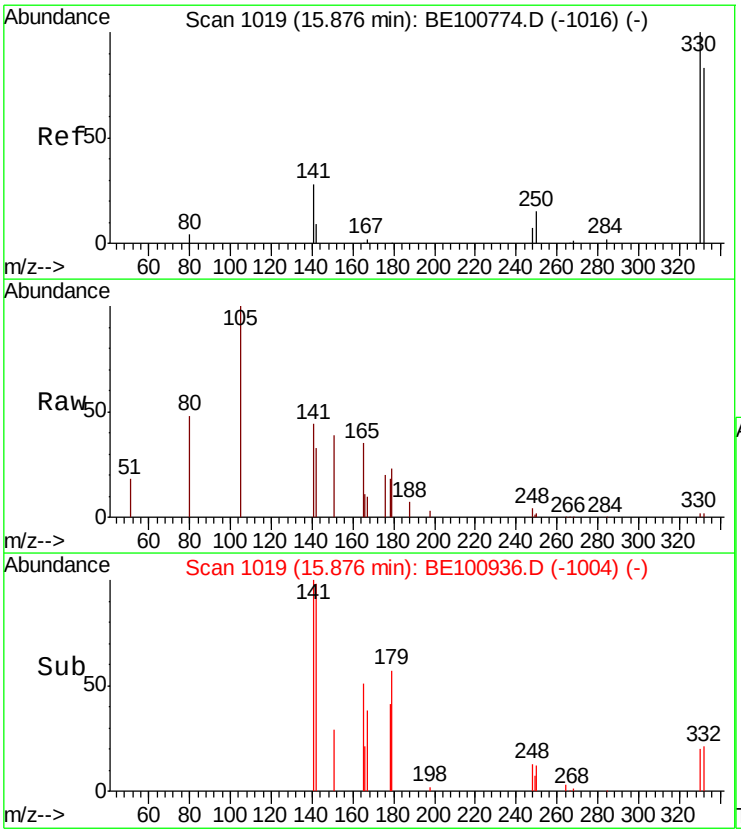
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion:164 Resp: 26114

Ion	Ratio	Lower	Upper
164	100		
162	88.3	86.0	129.0
160	35.4	42.3	63.5#

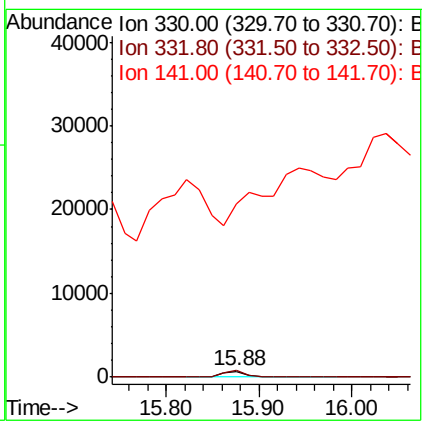


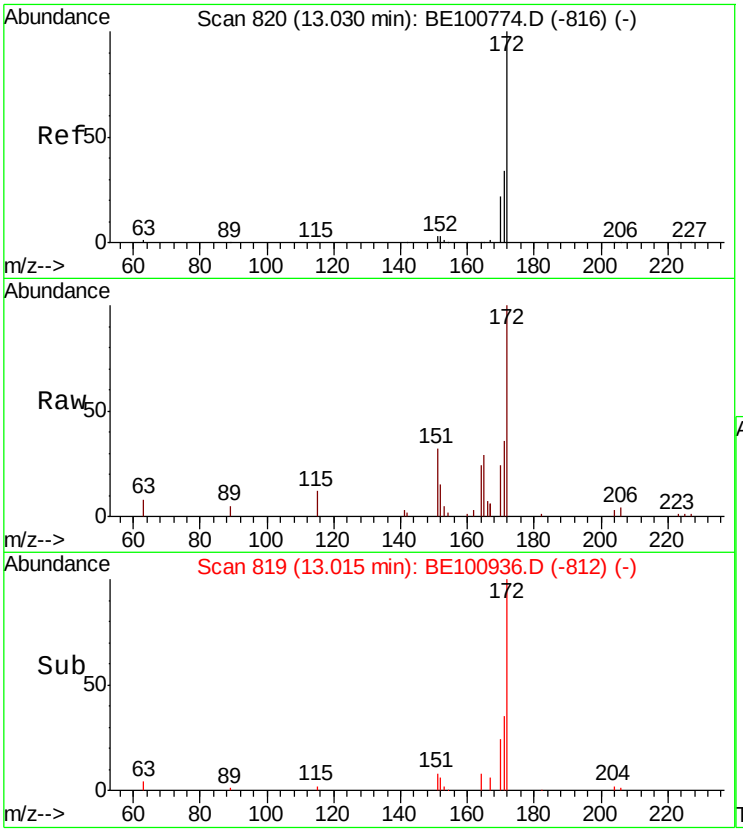


#14
2,4,6-Tribromophenol
Concen: 0.406 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:330 Resp: 1180

Ion	Ratio	Lower	Upper
330	100		
332	99.2	74.1	111.1
141	0.0	46.7	70.1#



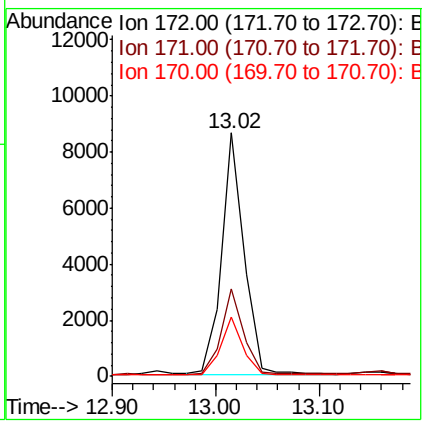


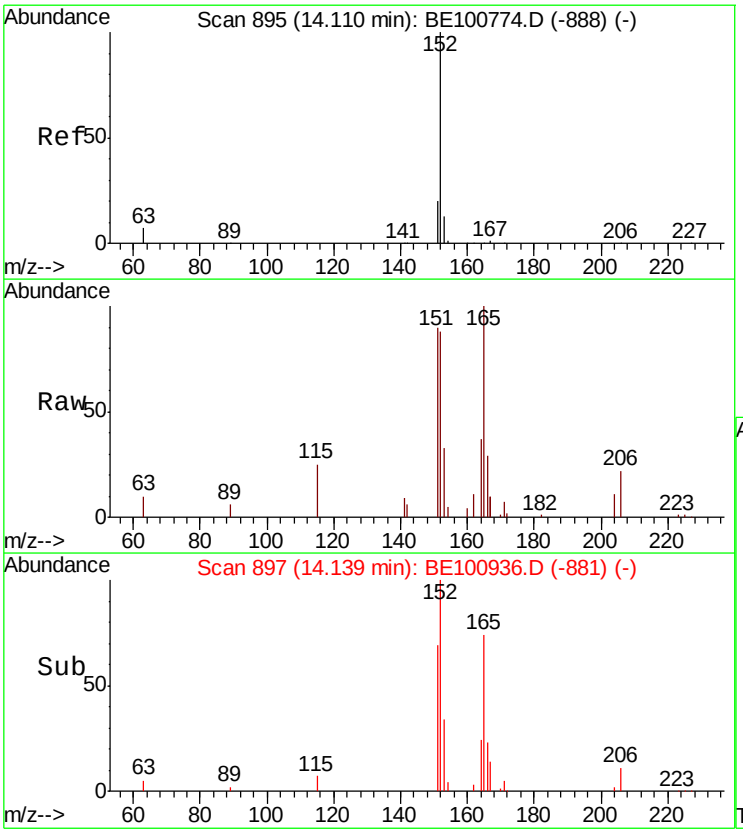
#15
2-Fluorobiphenyl
Concen: 0.125 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion:172 Resp: 12989

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	24.2	19.4	29.0

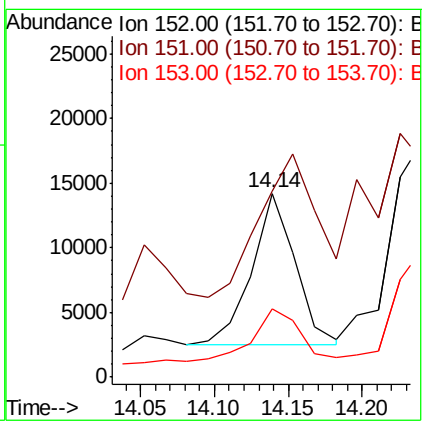


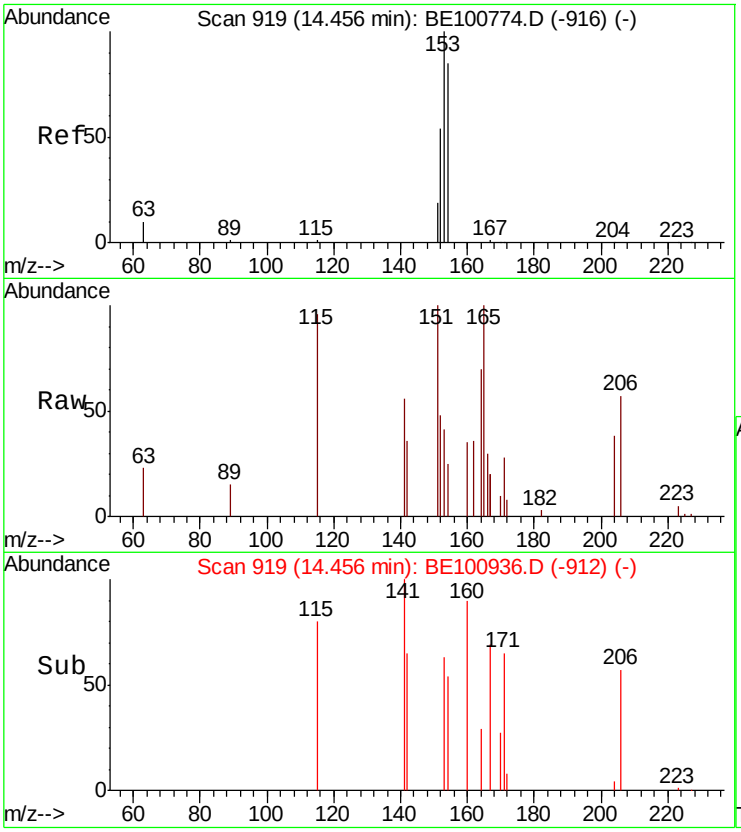


#16
Acenaphthylene
Concen: 0.225 ng
RT: 14.14 min Scan# 897
Delta R.T. 0.03 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:152 Resp: 24275

Ion	Ratio	Lower	Upper
152	100		
151	123.0	15.9	23.9#
153	49.6	10.5	15.7#



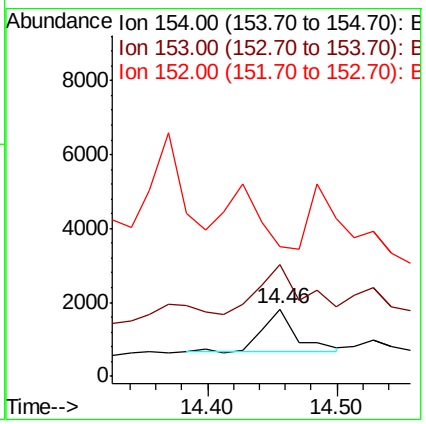


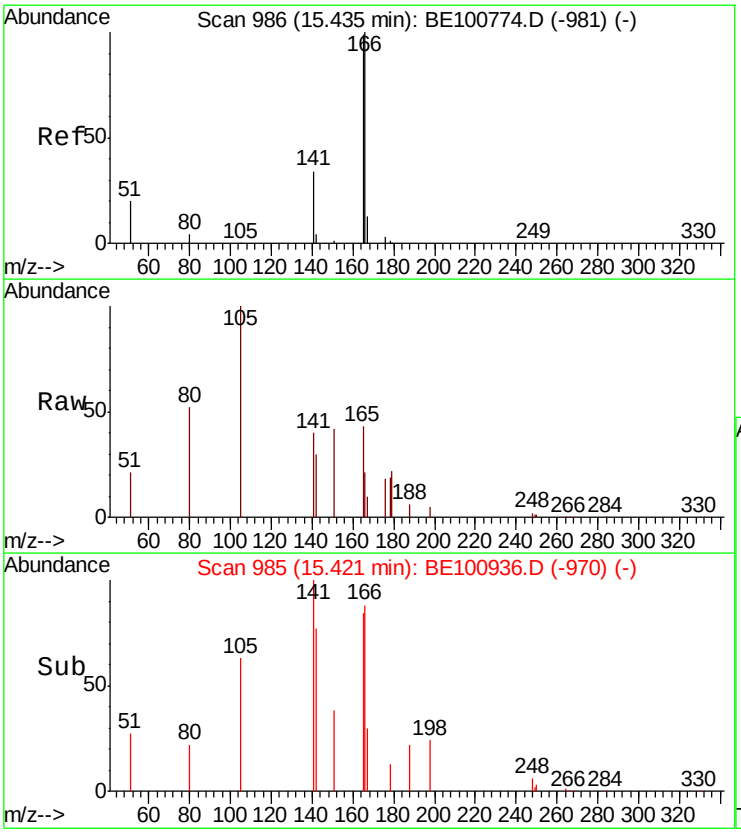
#17
Acenaphthene
Concen: 0.029 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion:154 Resp: 2192

Ion	Ratio	Lower	Upper
154	100		
153	143.1	91.5	137.3#
152	0.0	47.7	71.5#

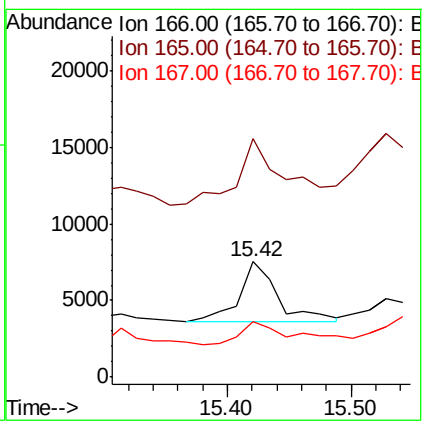


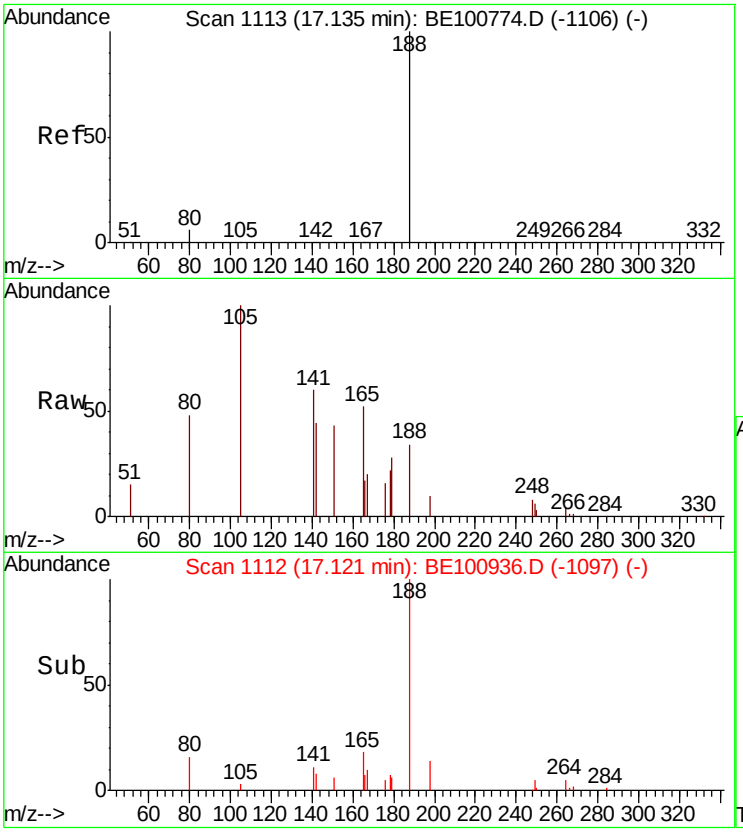


#18
Fluorene
Concen: 0.086 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:166 Resp: 8295

Ion	Ratio	Lower	Upper
166	100		
165	135.5	80.2	120.4#
167	61.6	10.6	16.0#



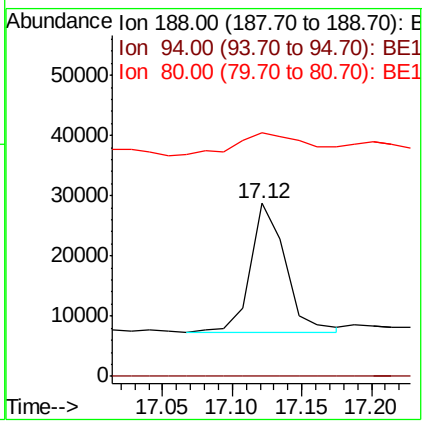


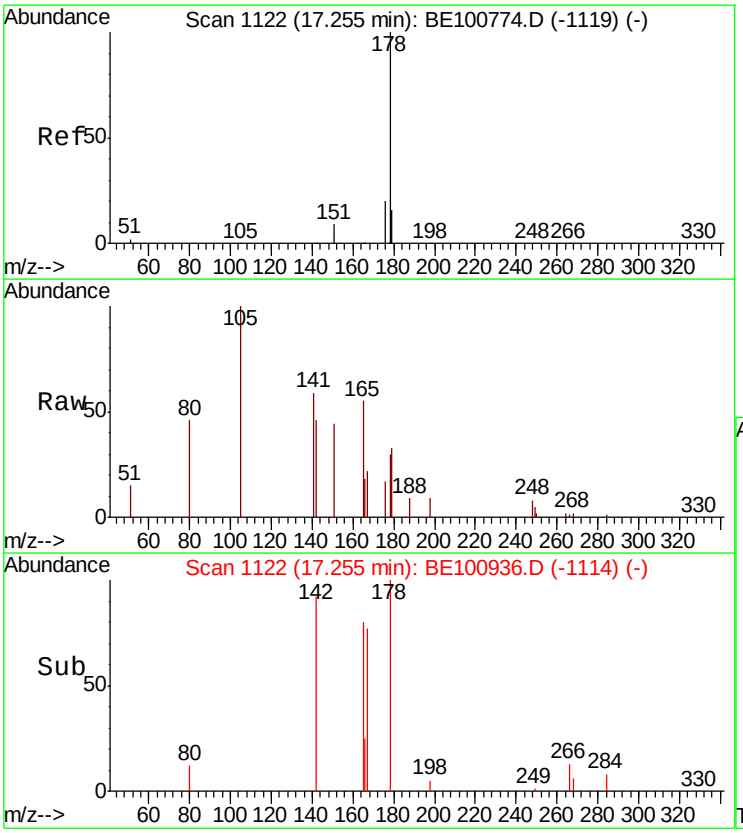
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion:188 Resp: 37950

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	140.8	7.9	11.9#

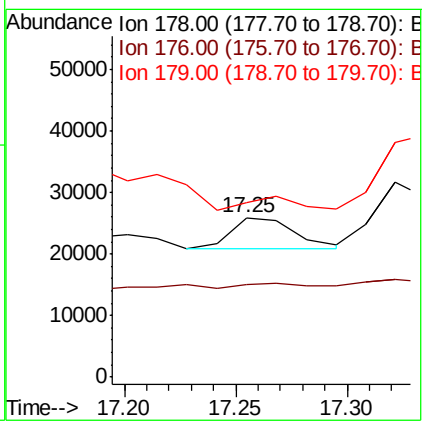


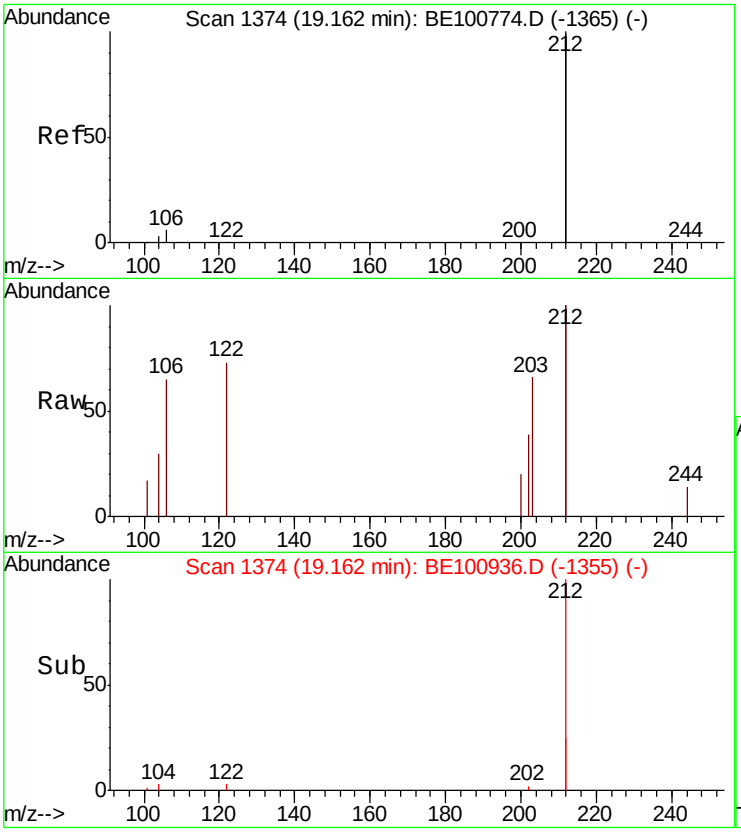


#24
Anthracene
Concen: 0.103 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:178 Resp: 9930

Ion	Ratio	Lower	Upper
178	100		
176	13.5	14.7	22.1#
179	20.0	12.2	18.4#



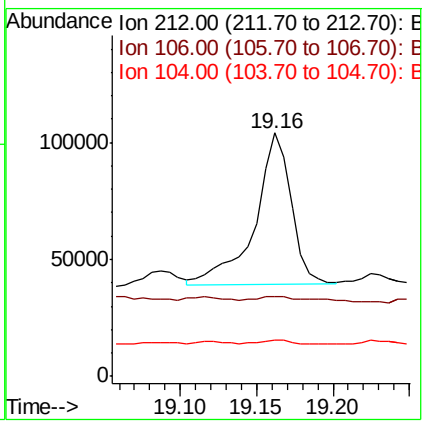


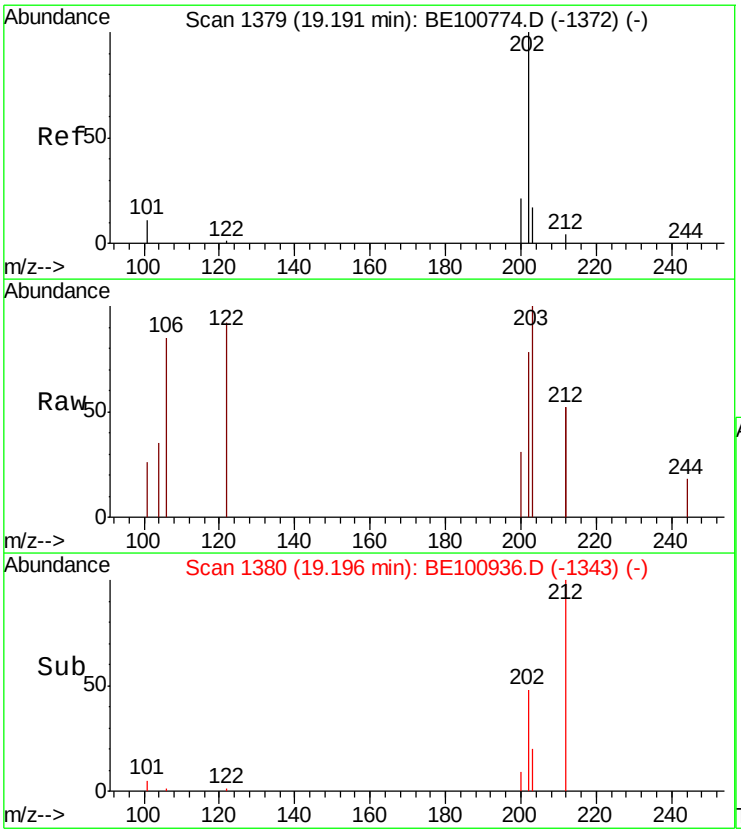
#25
Fluoranthene-d10
Concen: 0.236 ng
RT: 19.16 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion:212 Resp: 105948

Ion	Ratio	Lower	Upper
212	100		
106	5.8	2.6	4.0#
104	2.5	1.4	2.2#

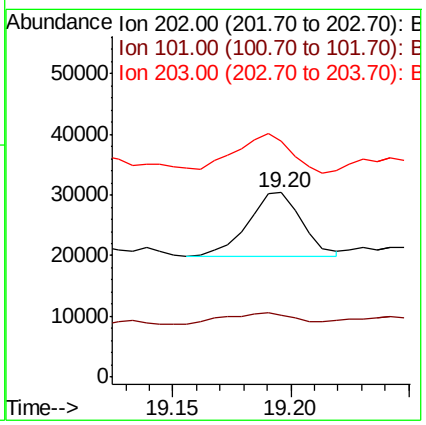


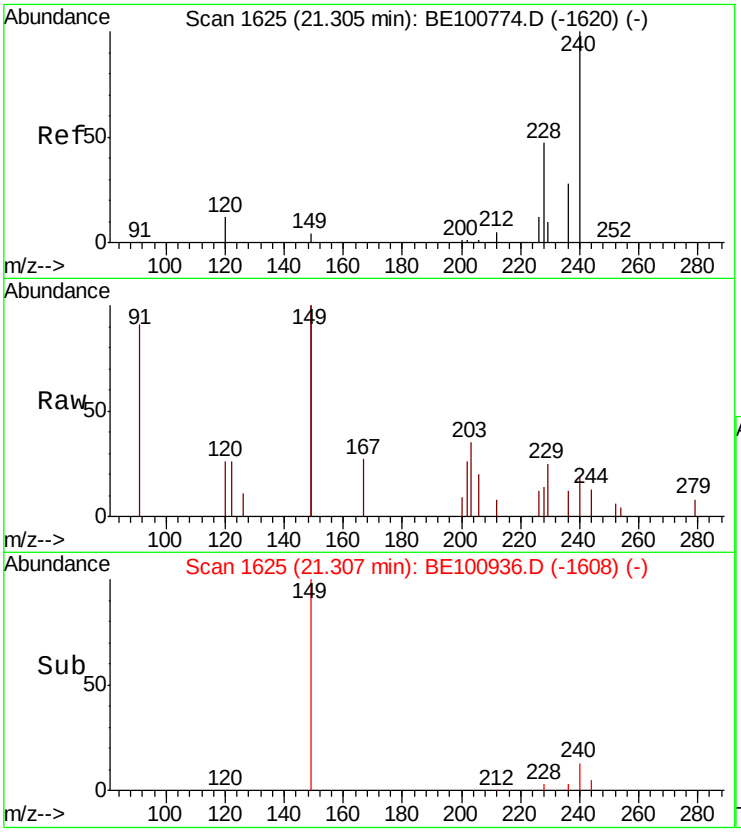


#26
Fluoranthene
Concen: 0.124 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:202 Resp: 17038

Ion	Ratio	Lower	Upper
202	100		
101	23.9	9.4	14.0#
203	61.8	13.7	20.5#



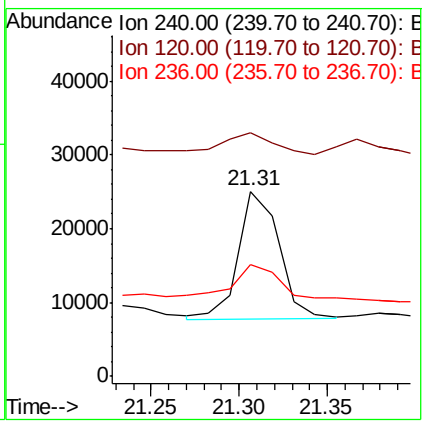


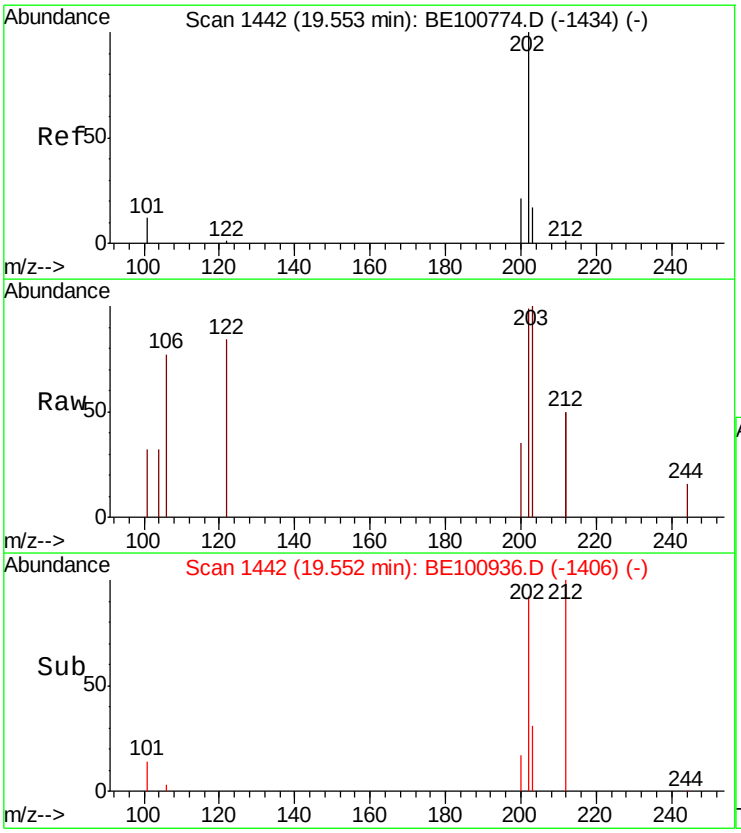
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion:240 Resp: 27604

Ion	Ratio	Lower	Upper
240	100		
120	131.8	4.0	6.0#
236	60.7	21.6	32.4#

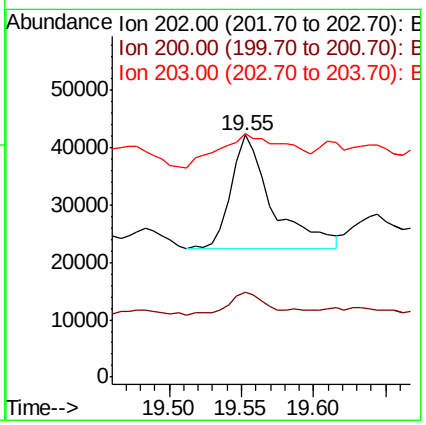


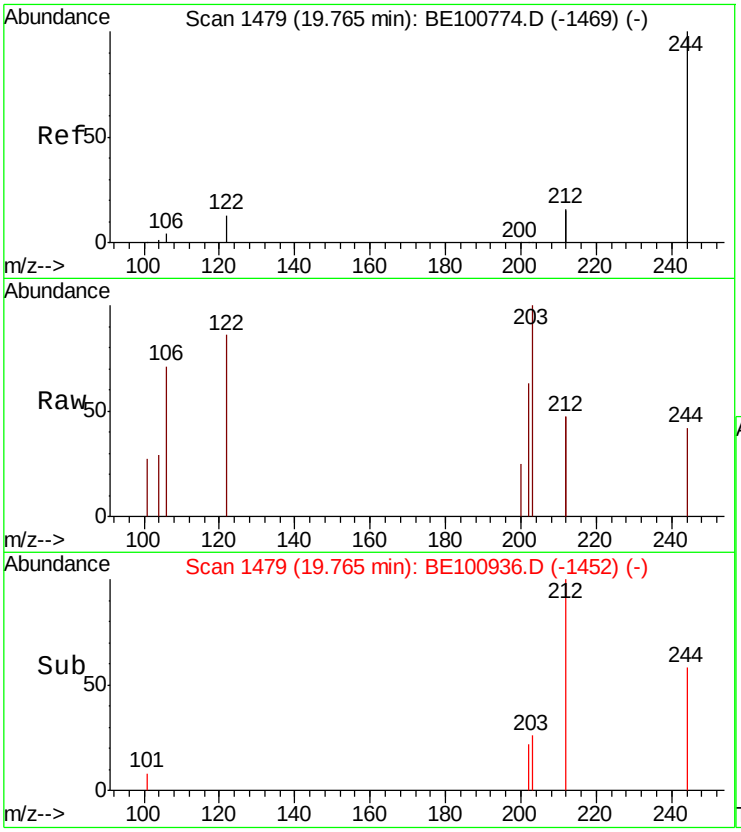


#28
Pyrene
Concen: 0.438 ng
RT: 19.55 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:202 Resp: 39264

Ion	Ratio	Lower	Upper
202	100		
200	17.2	17.0	25.4
203	48.7	13.8	20.8#



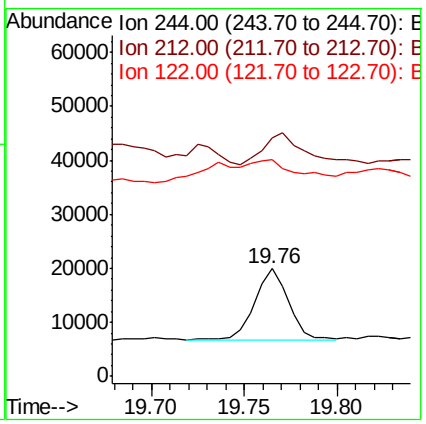


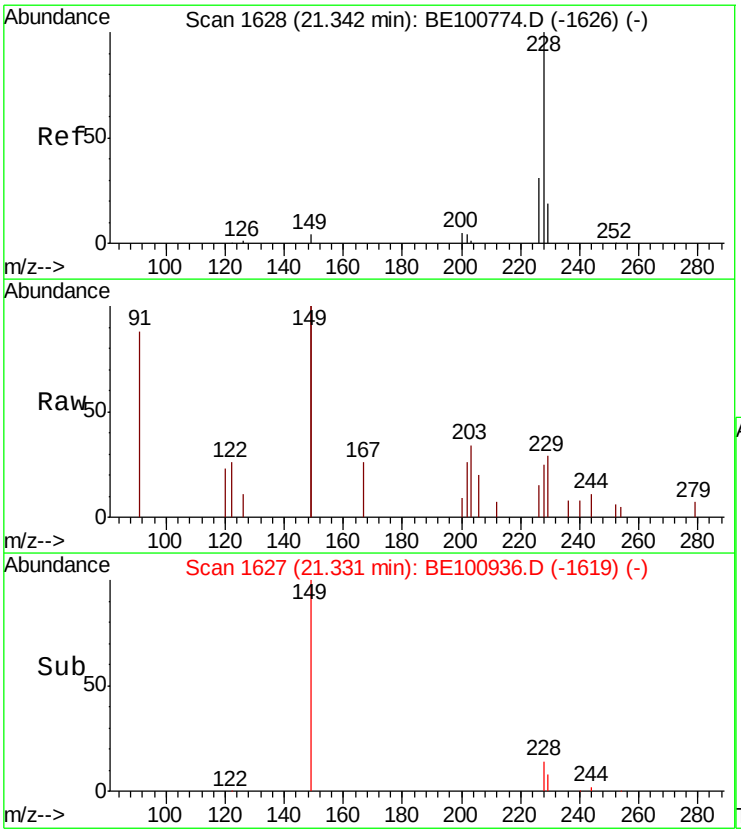
#29
Terphenyl-d14
Concen: 0.247 ng
RT: 19.76 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion:244 Resp: 16361

Ion	Ratio	Lower	Upper
244	100		
212	222.5	25.2	37.8#
122	201.6	8.9	13.3#

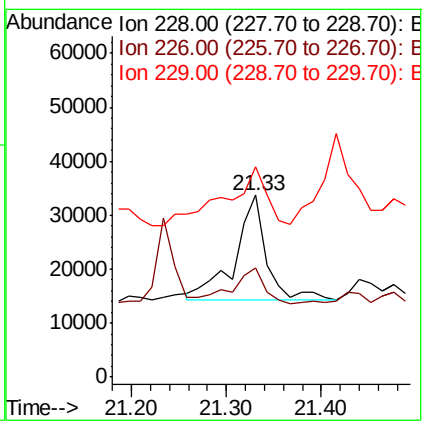


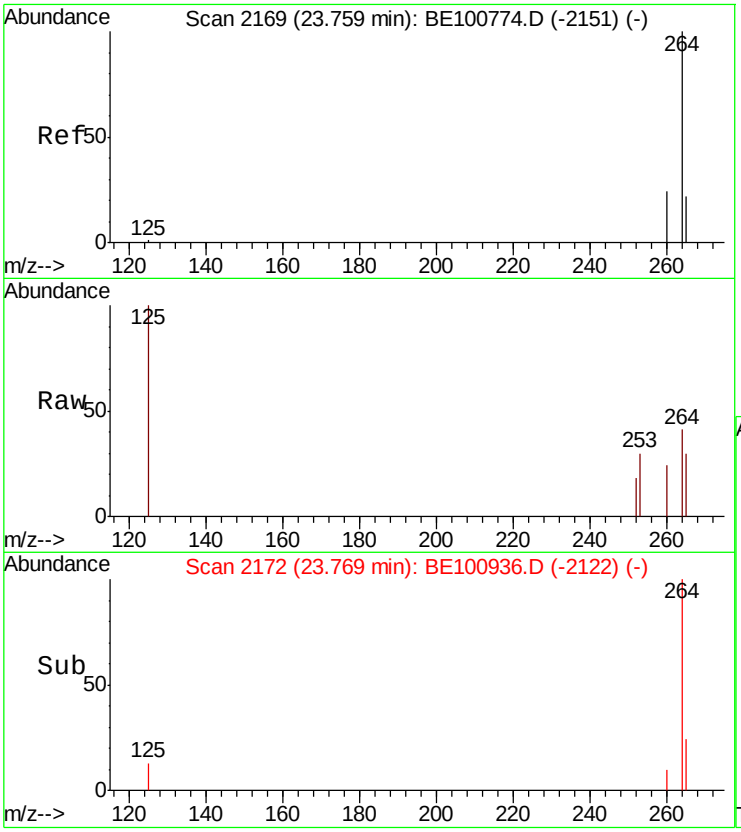


#31
Chrysene
Concen: 0.466 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Tgt Ion:228 Resp: 44557

Ion	Ratio	Lower	Upper
228	100		
226	60.0	25.3	37.9#
229	115.3	15.2	22.8#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. 0.03 min
Lab File: BE100936.D
Acq: 17 Dec 2019 2:15

Instrument :
BNA_E
ClientSampleId :
BE-216-COMP-S

Tgt Ion:264 Resp: 32607

Ion	Ratio	Lower	Upper
264	100		
260	58.6	19.4	29.0#
265	72.6	20.1	30.1#