Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112510.D
Acq On : 12 Feb 2019 14:41
Operator : JU/SJ
Sample : K1459-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-10-D

Quant Time: Feb 13 06:00:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88564	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	354041	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	174088	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	369055	20.00	ng	0.00
76) Chrysene-d12	14.01	240	297393	20.00	ng	0.00
87) Perylene-d12	15.49	264	217197	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	488971	117.27	ng	-0.01
7) Phenol-d6	6.49	99	632484	109.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	392185	63.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	216107	106.65	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	804274	65.34	ng	-0.02
79) Terphenyl-d14	12.95	244	976496	61.84	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	26730	4.205	ng	96
50) Dimethylphthalate	9.58	163	59766	4.419	ng	100

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

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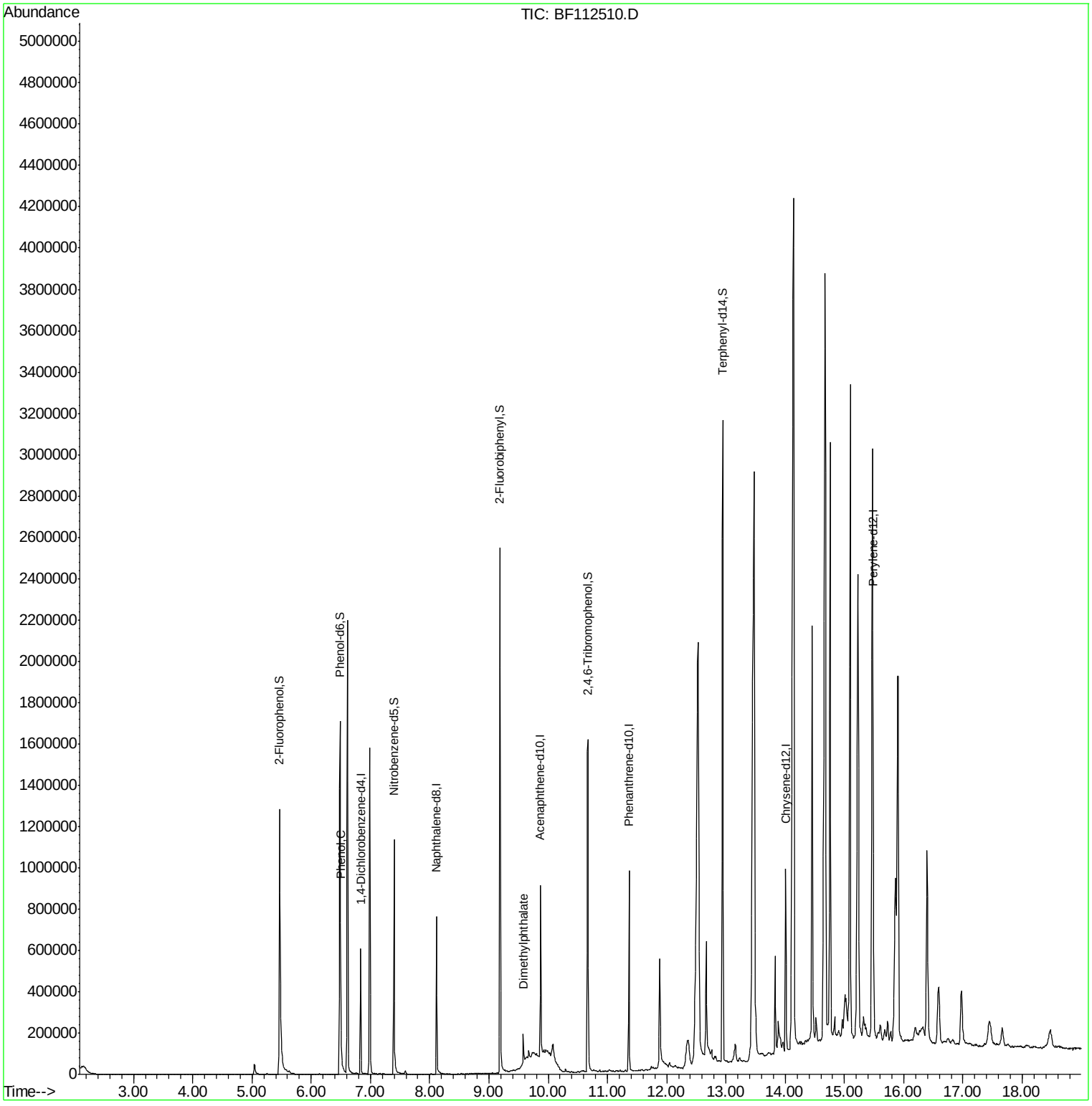
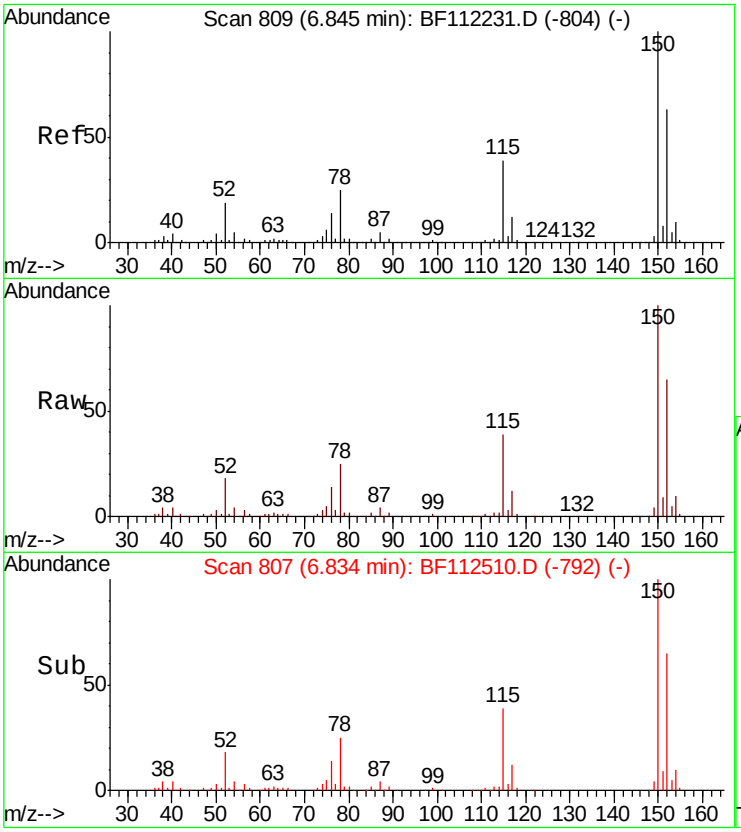


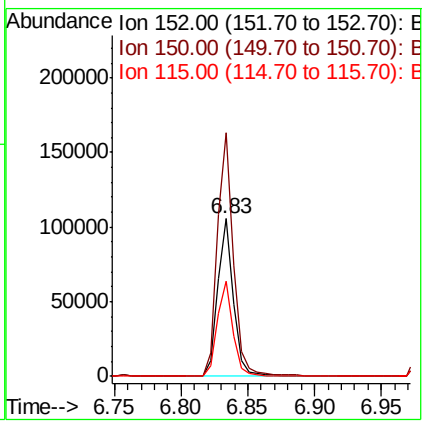


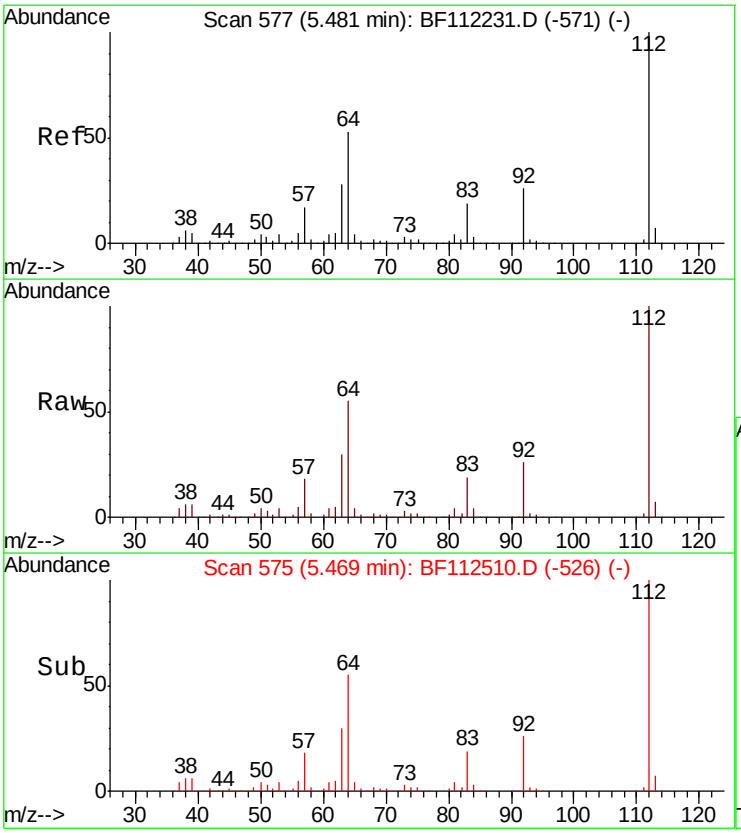
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Instrument :
BNA_F
ClientSampleId :
M-10-D

Tgt Ion:152 Resp: 88564

Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.4	191.0
115	60.7	45.5	68.3

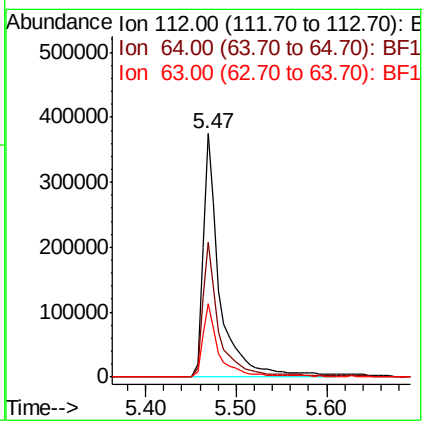


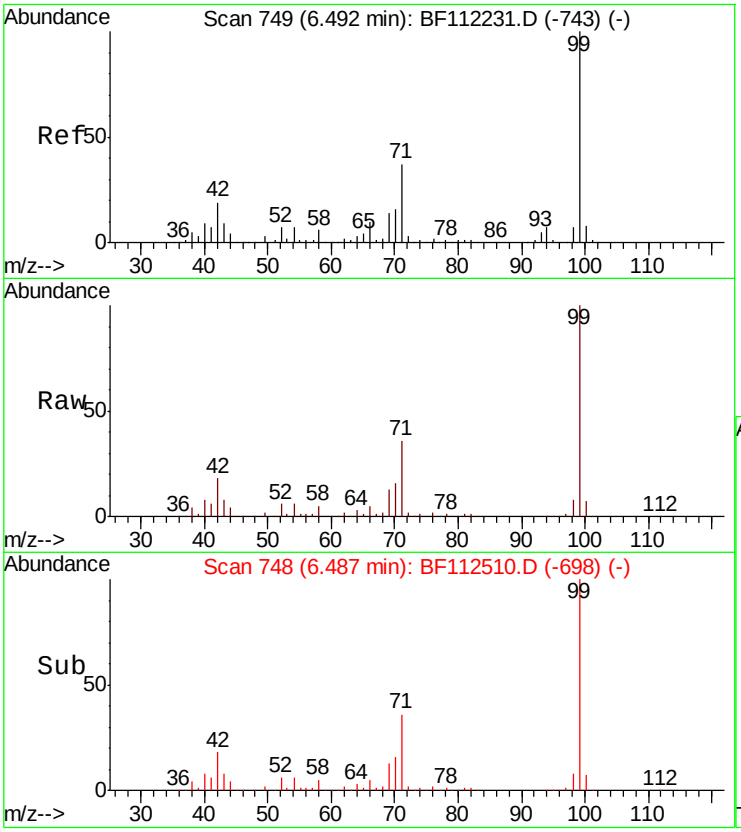


#5
2-Fluorophenol
Concen: 117.272 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion:112 Resp: 488971

Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.7	68.5
63	30.3	23.6	35.4



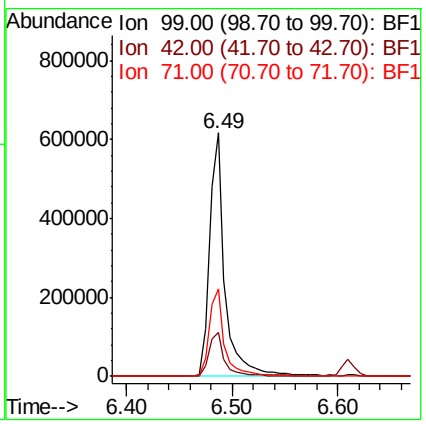


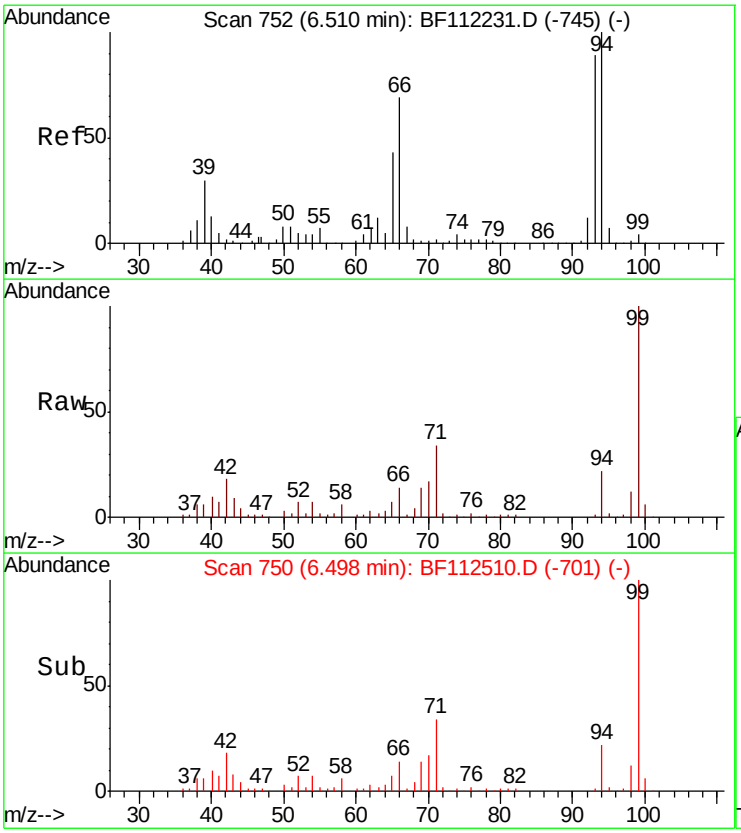
#7
Phenol-d6
Concen: 109.166 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Instrument :
BNA_F
ClientSampleId :
M-10-D

Tgt Ion: 99 Resp: 632484

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.1	22.7
71	35.9	26.9	40.3

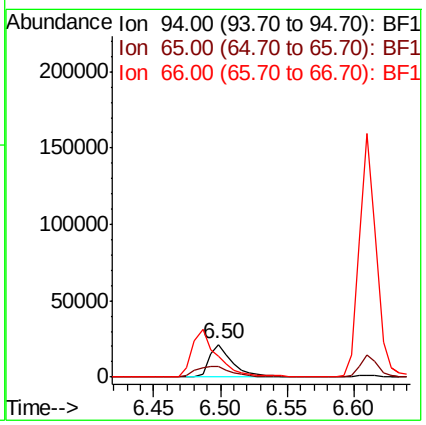


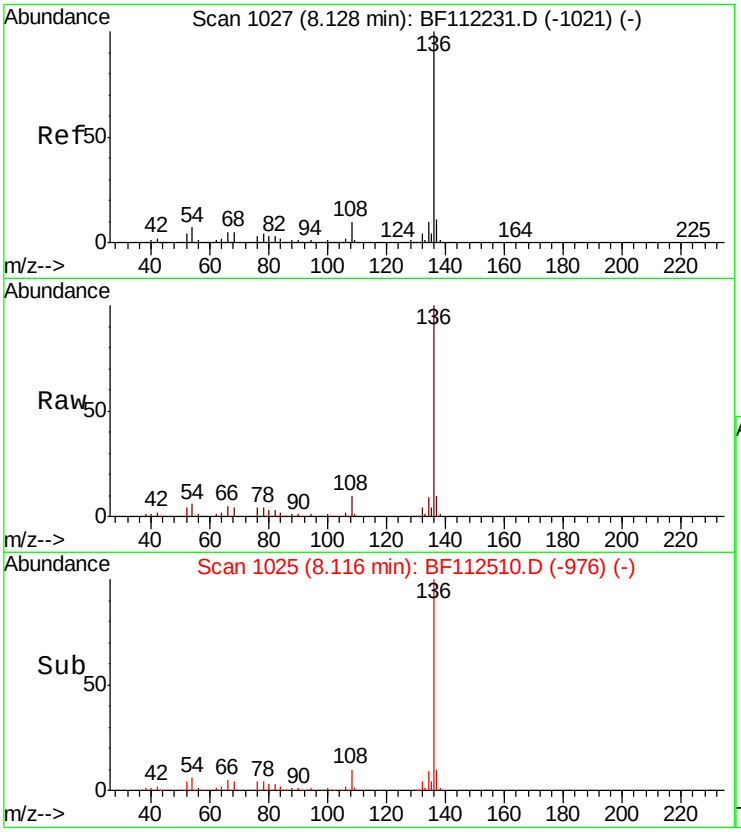


#10
Phenol
Concen: 4.205 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion: 94 Resp: 26730

Ion	Ratio	Lower	Upper
94	100		
65	33.5	20.3	60.3
66	62.4	42.4	82.4



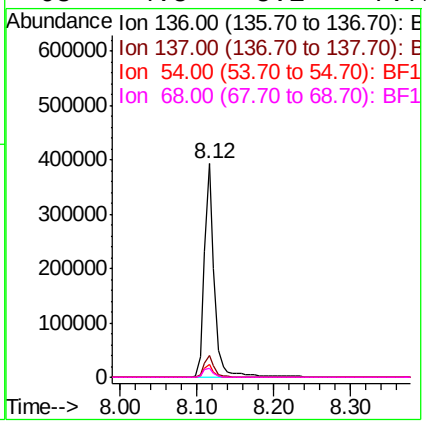


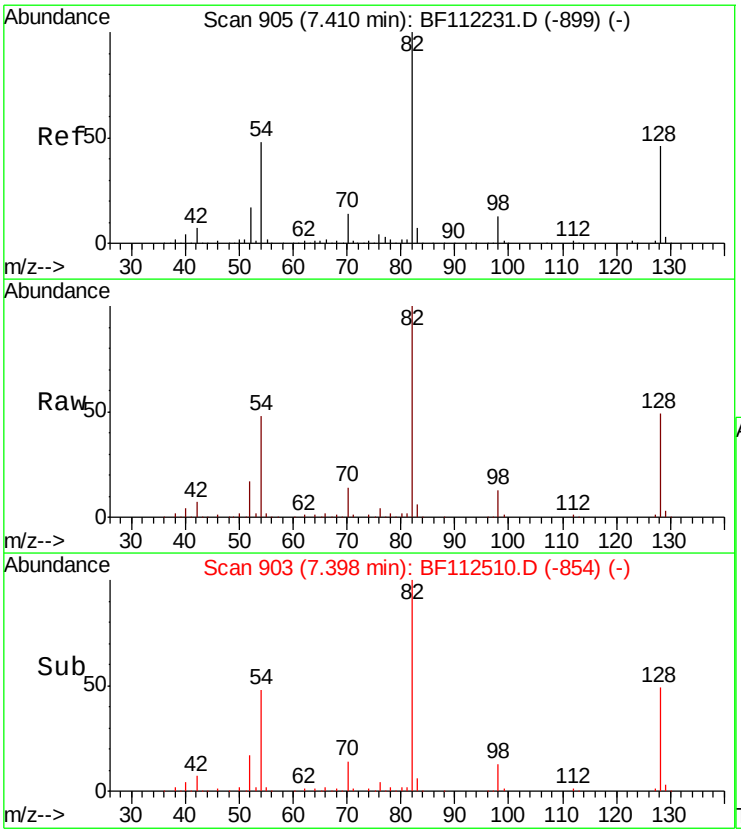
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Instrument :
BNA_F
ClientSampleId :
M-10-D

Tgt Ion:136 Resp: 354041

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	5.9	5.9	8.9#
68	4.5	5.1	7.7#

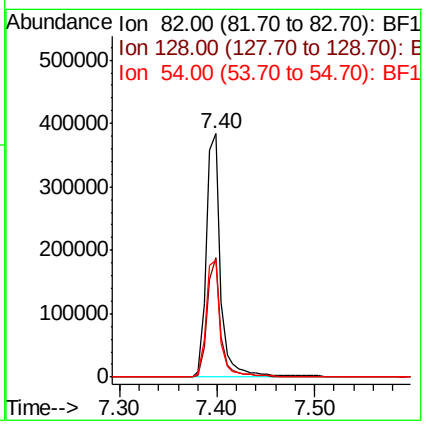


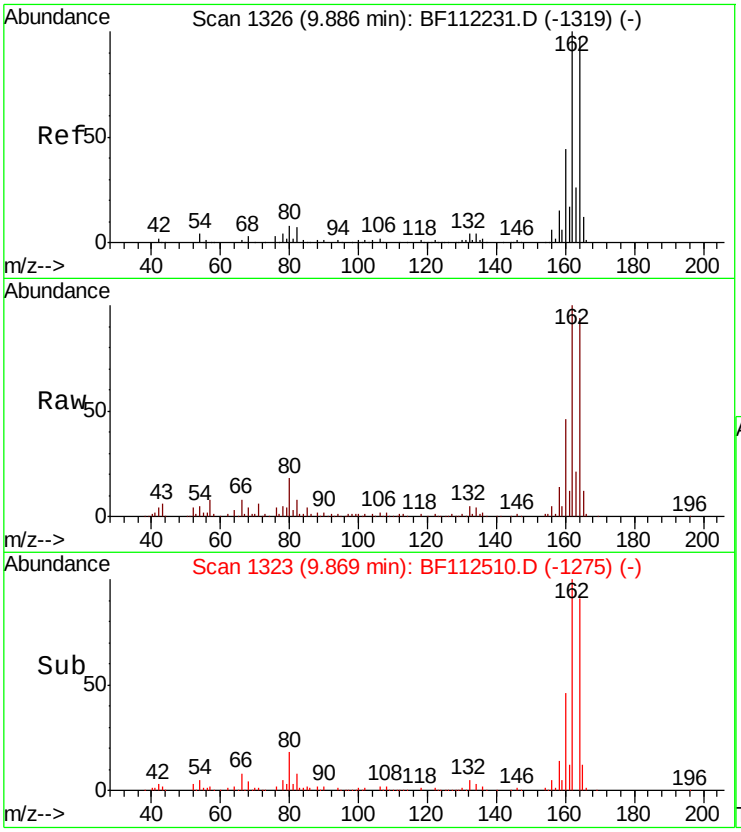


#23
Nitrobenzene-d5
Concen: 63.828 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion: 82 Resp: 392185

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.8	56.8
54	47.9	39.7	59.5



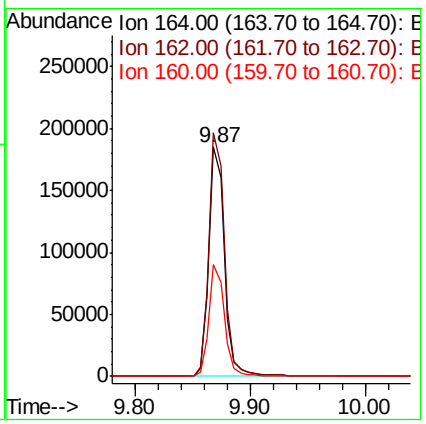


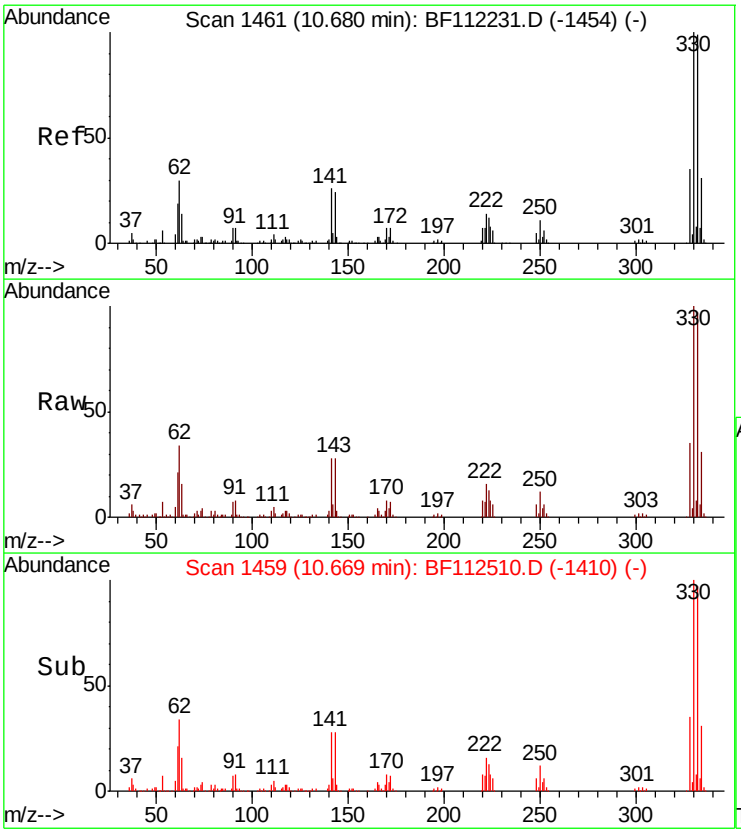
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Instrument :
BNA_F
ClientSampleId :
M-10-D

Tgt Ion:164 Resp: 174088

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.2	123.4
160	48.8	36.2	54.4

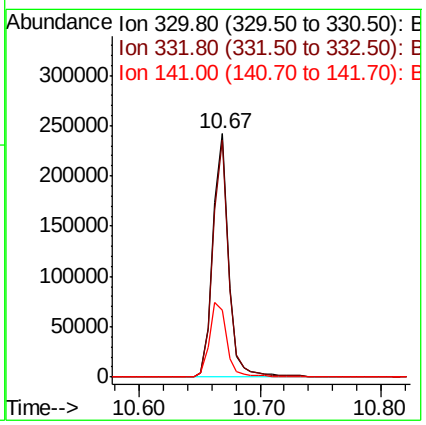


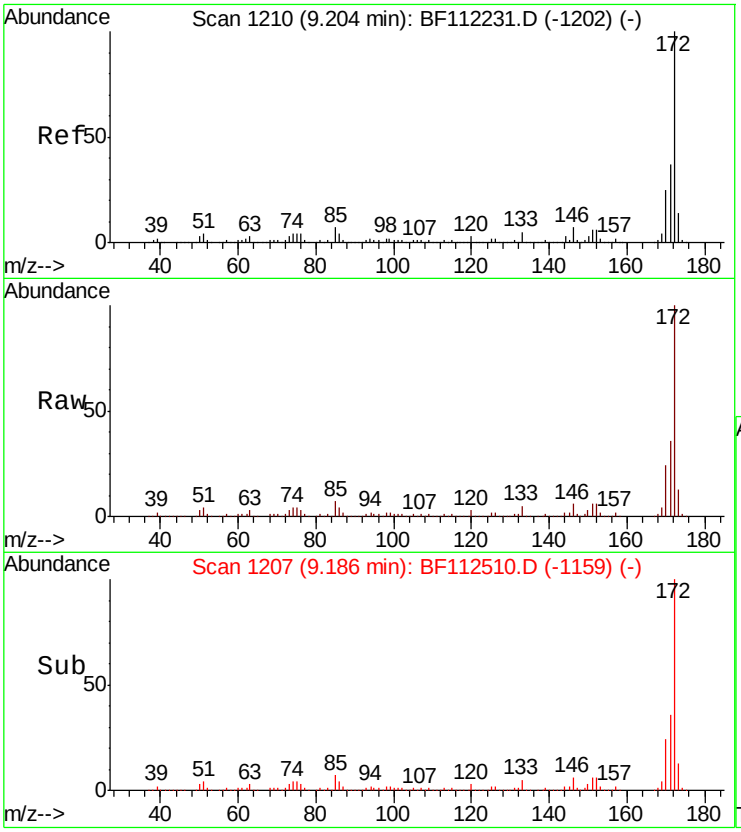


#42
2,4,6-Tribromophenol
Concen: 106.649 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion:330 Resp: 216107

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	34.3	24.3	36.5

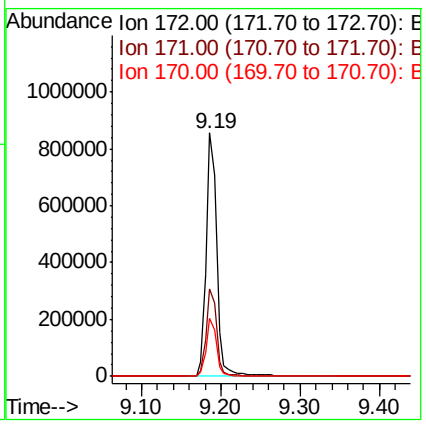




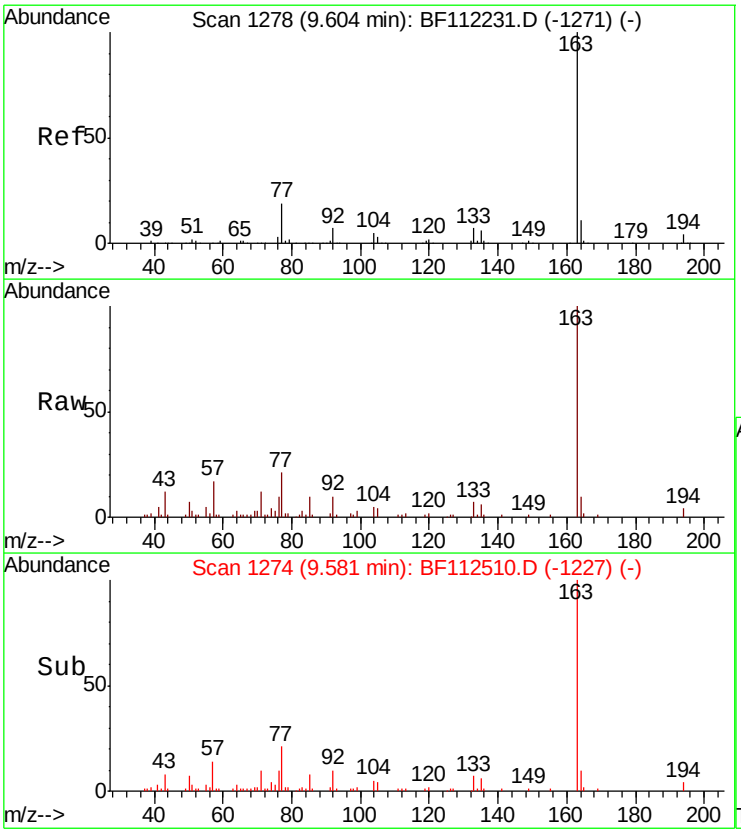
#45
2-Fluorobiphenyl
Concen: 65.341 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion:172 Resp: 804274

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.7	20.2	30.4



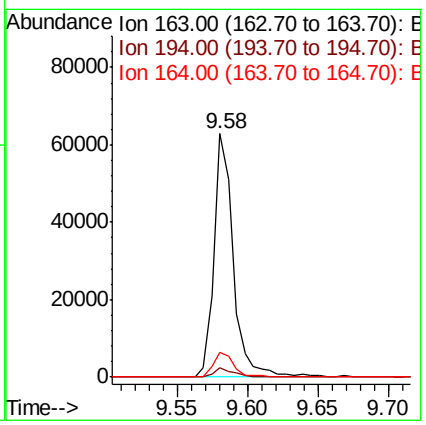
Instrument :
BNA_F
ClientSampleId :
M-10-D

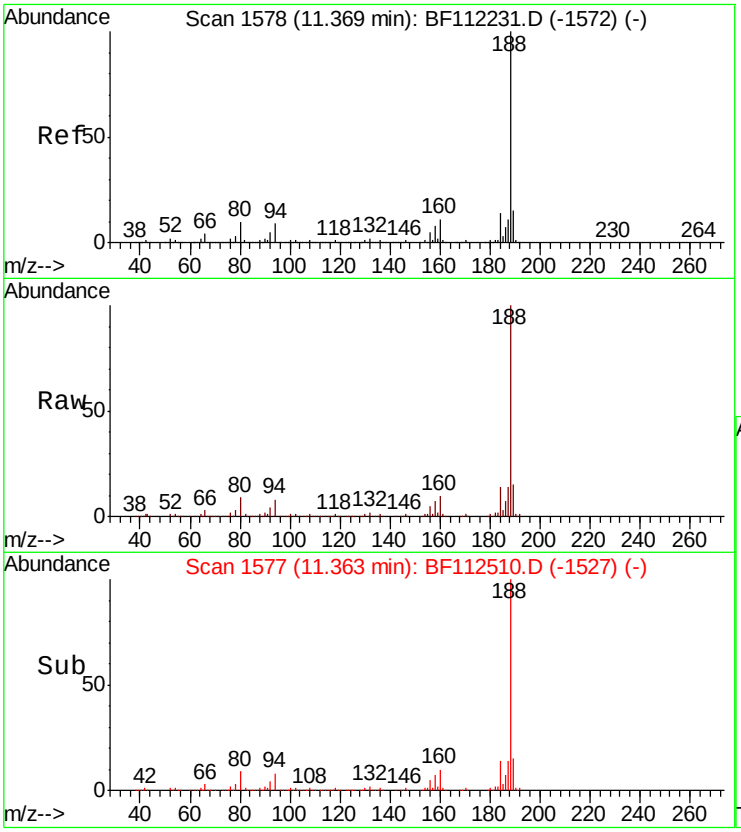


#50
Dimethylphthalate
Concen: 4.419 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion:163 Resp: 59766

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.4	8.5	12.7



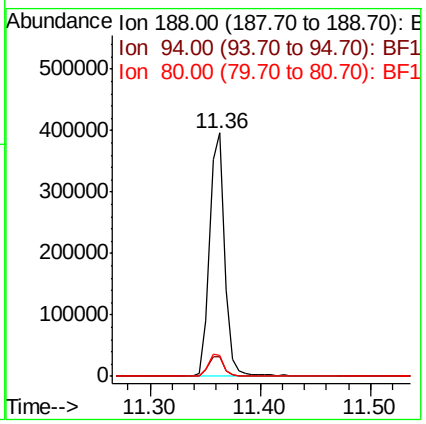


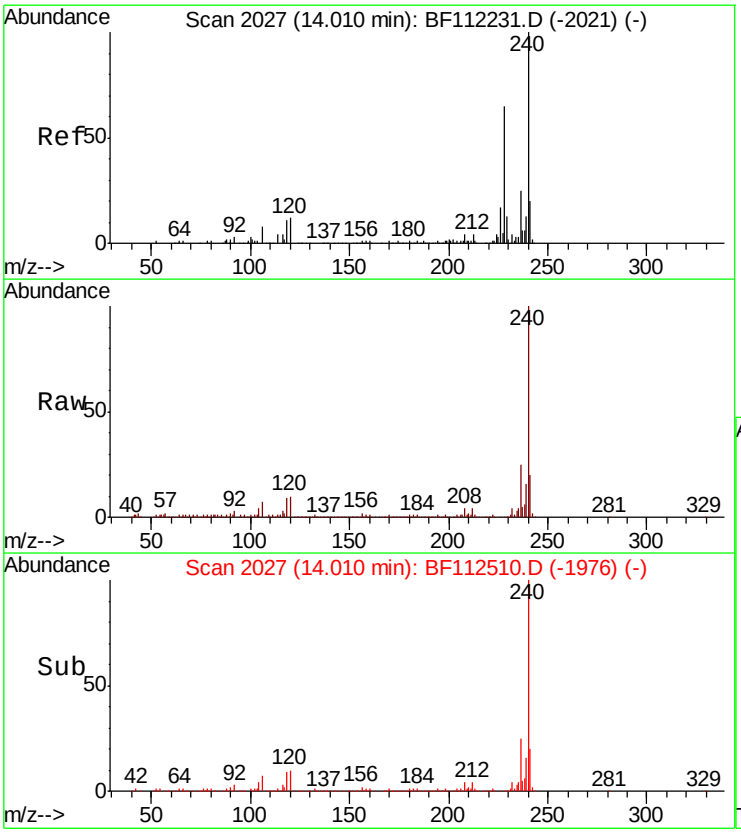
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Instrument :
BNA_F
ClientSampleId :
M-10-D

Tgt Ion:188 Resp: 369055

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.6	8.9	13.3#

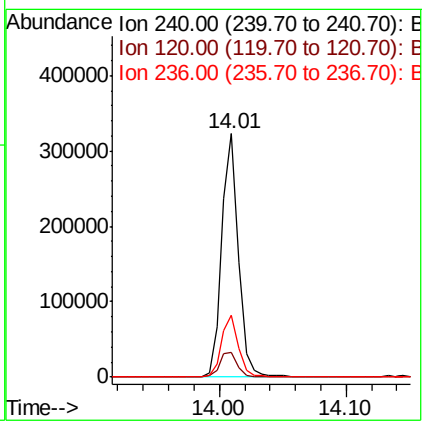


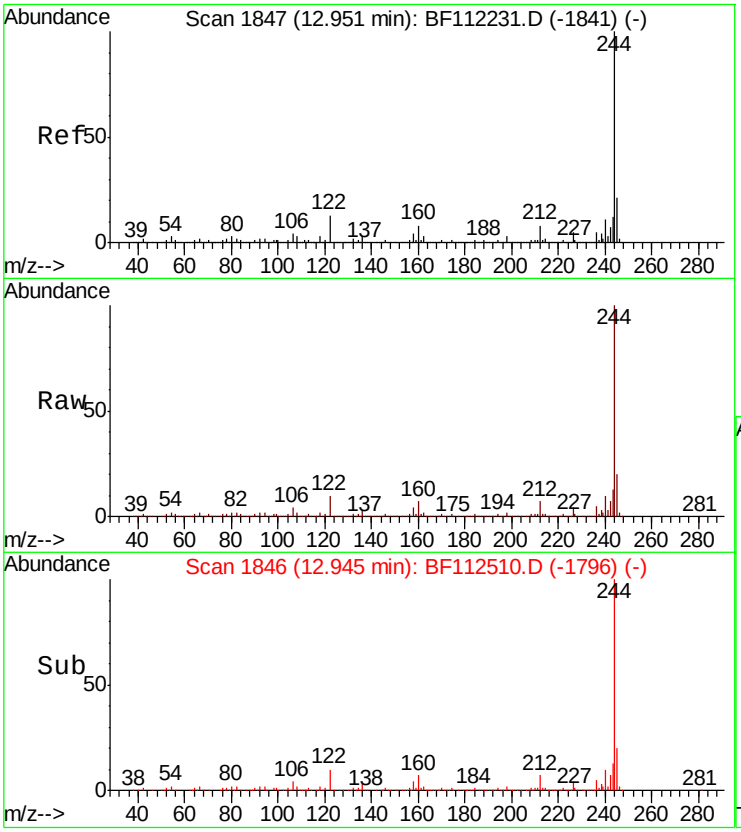


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion:240 Resp: 297393

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.0	13.6
236	25.4	20.7	31.1



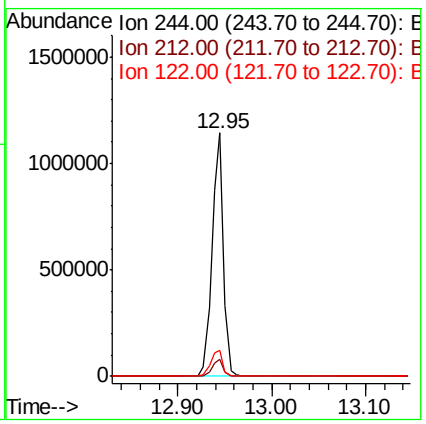


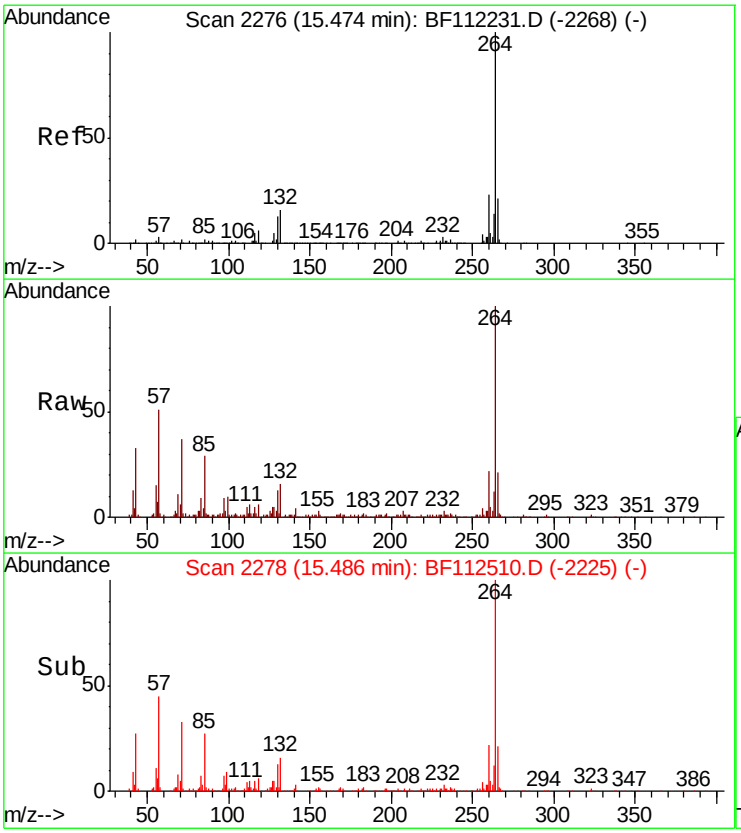
#79
Terphenyl-d14
Concen: 61.843 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Instrument :
BNA_F
ClientSampleId :
M-10-D

Tgt Ion:244 Resp: 976496

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.5	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion:264 Resp: 217197

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.2
265	21.4	17.0	25.4