Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113068.D
Acq On : 15 Mar 2019 16:21
Operator : JU/SJ
Sample : K1927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Time: Mar 15 22:54:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	130599	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	446927	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	246685	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	564369	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	466789	20.00	ng	0.00
87) Perylene-d12	15.27	264	457963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	97250	11.58	ng	-0.01
7) Phenol-d6	6.36	99	132059	12.52	ng	-0.01
23) Nitrobenzene-d5	7.28	82	69852	9.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	43346	16.55	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	170701	8.01	ng	-0.01
79) Terphenyl-d14	12.82	244	221269	9.19	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	9.76	165	32989	8.709	ng	# 19
57) 2,4-Dinitrotoluene	9.76	165	33375	7.089	ng	# 18

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

Quantitation Report (Not Reviewed)

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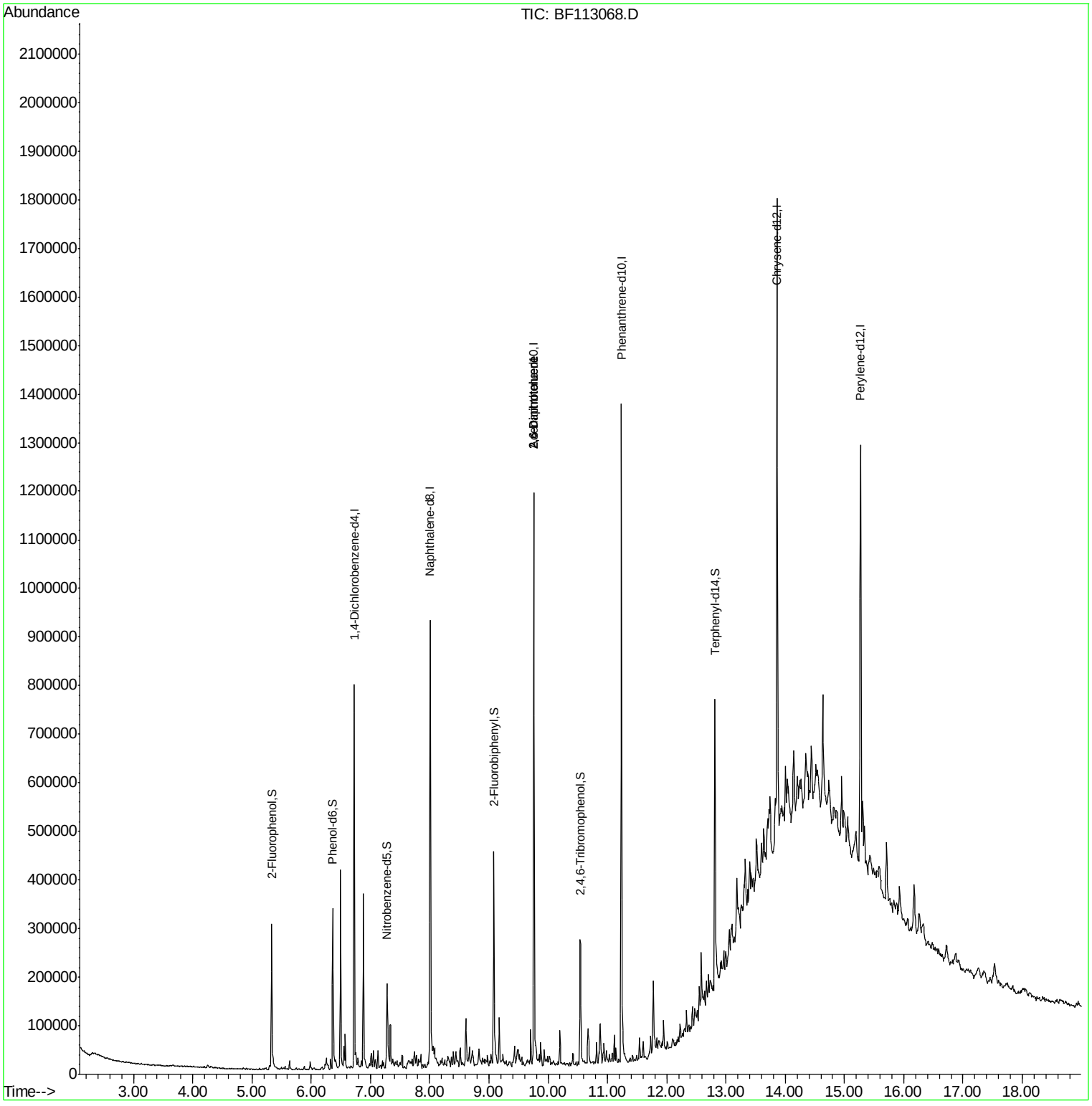
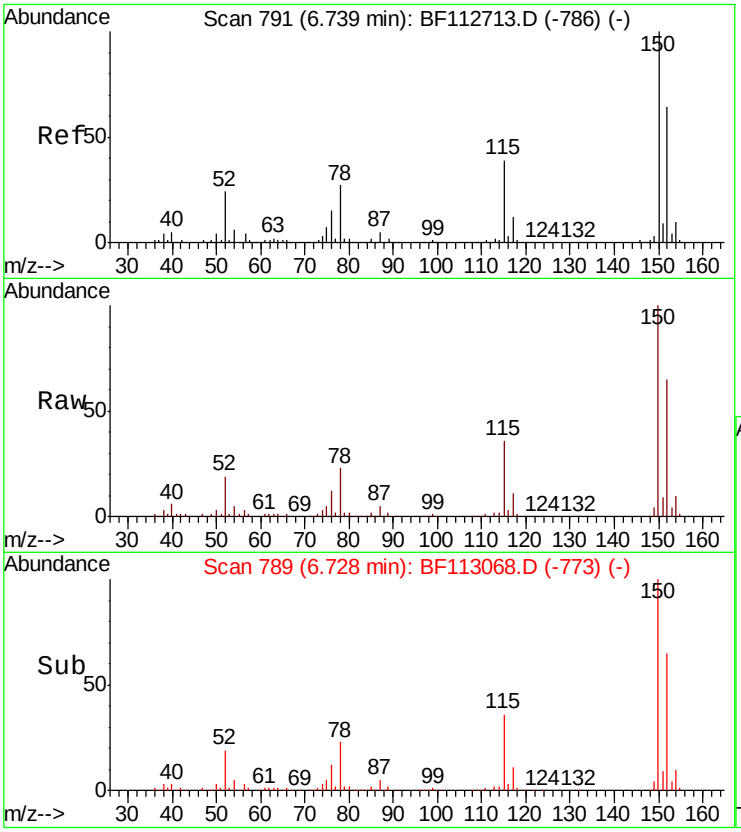


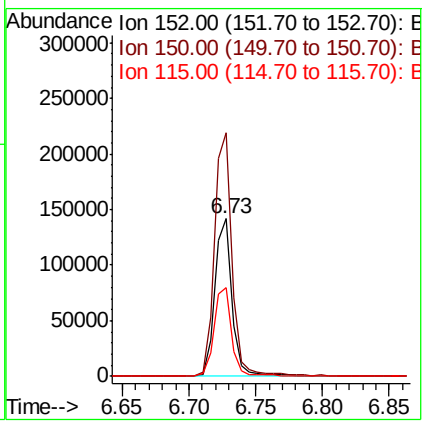


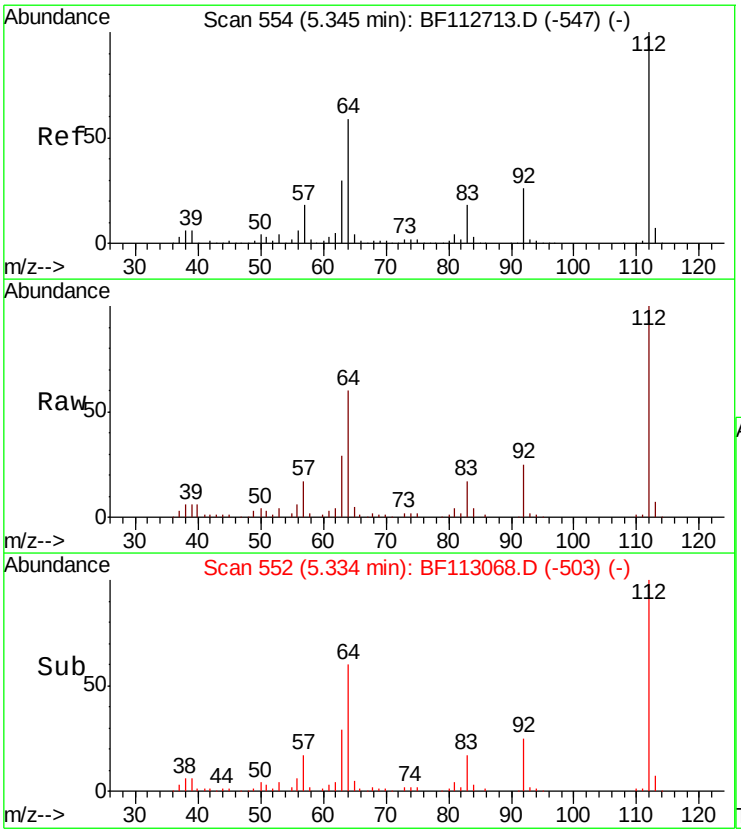
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tgt Ion:152 Resp: 130599

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.2	186.2
115	56.4	48.2	72.4

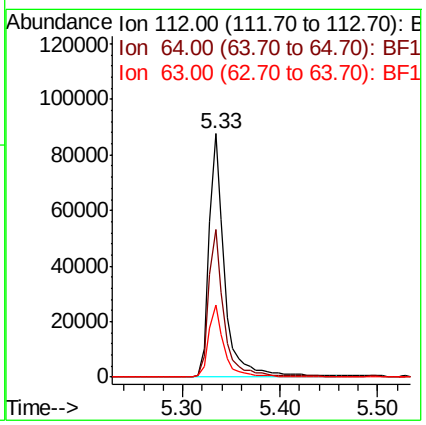


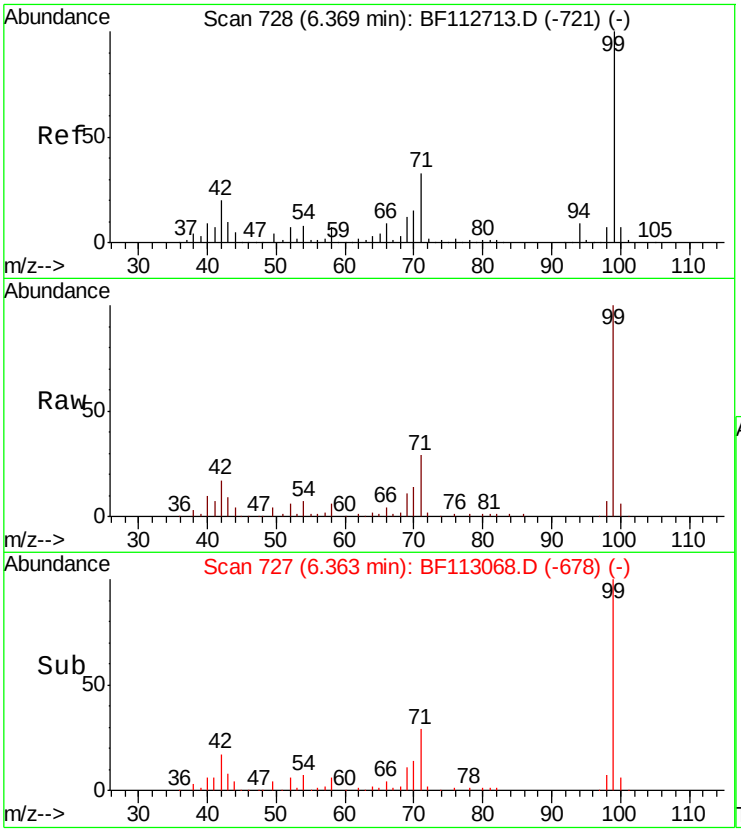


#5
2-Fluorophenol
Concen: 11.583 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Tgt Ion:112 Resp: 97250

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.6	71.4
63	29.5	24.4	36.6



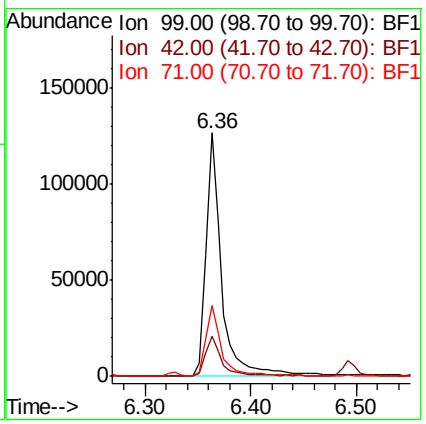


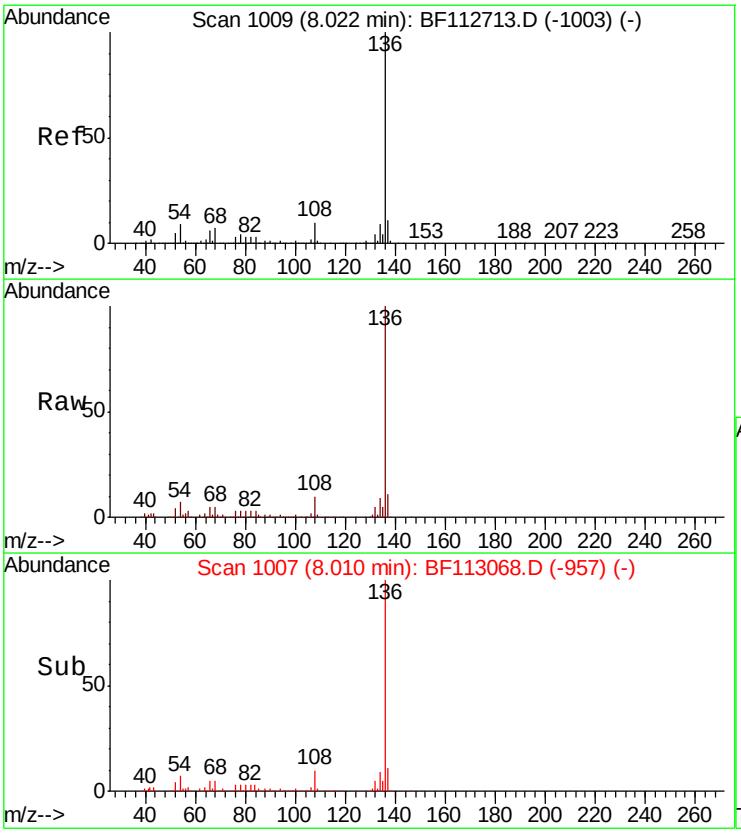
#7
Phenol-d6
Concen: 12.522 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tgt Ion: 99 Resp: 132059

Ion	Ratio	Lower	Upper
99	100		
42	16.7	16.3	24.5
71	29.2	26.2	39.4

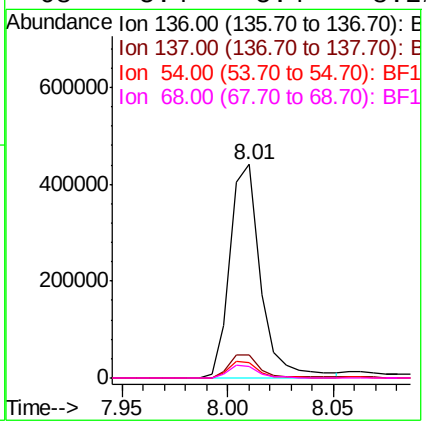


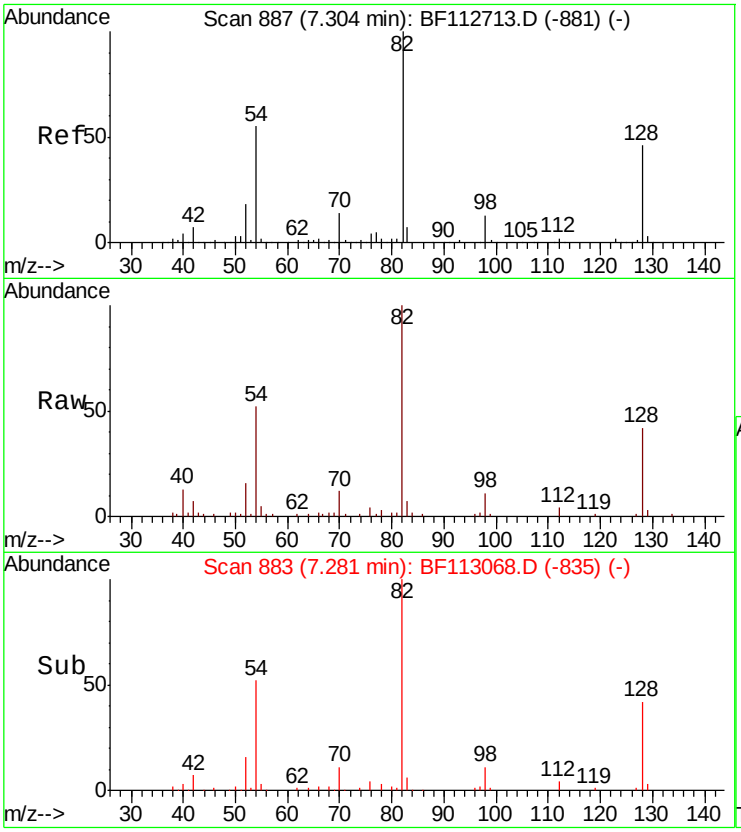


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Tgt Ion:136 Resp: 446927

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	7.3	10.9
68	5.4	5.4	8.2#



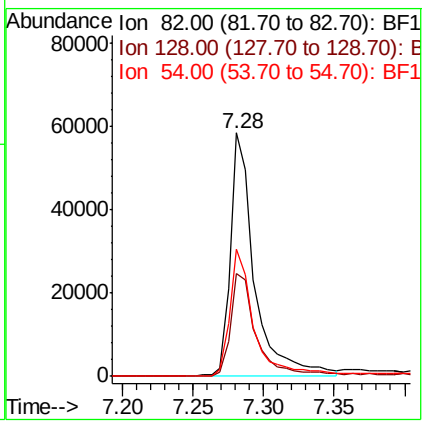


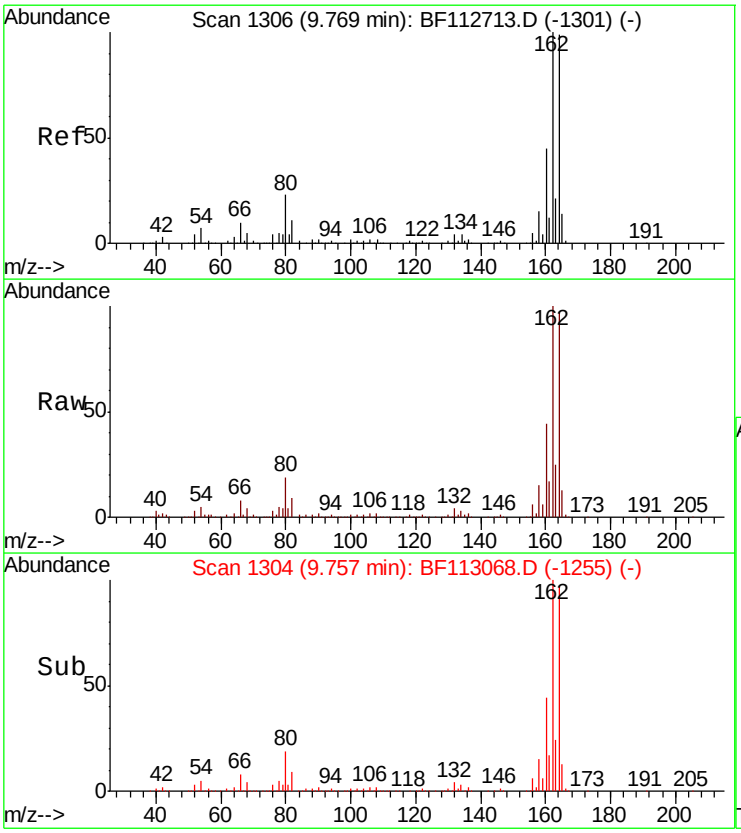
#23
Nitrobenzene-d5
Concen: 9.352 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tgt Ion: 82 Resp: 69852

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.3	54.5
54	52.2	43.7	65.5

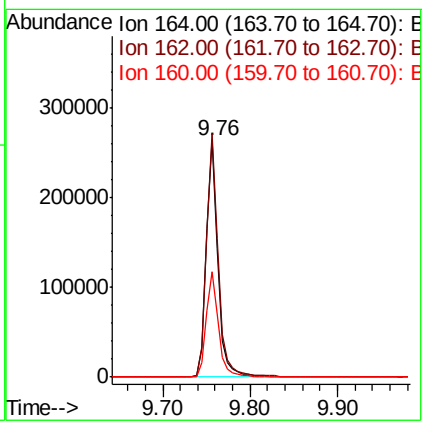


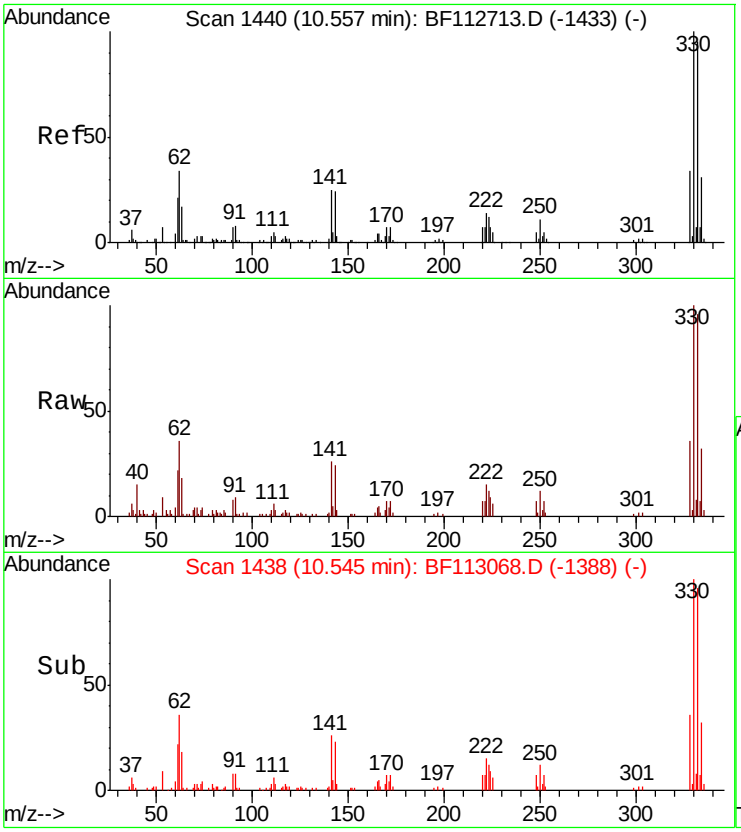


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Tgt Ion:164 Resp: 246685

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	44.7	36.0	54.0



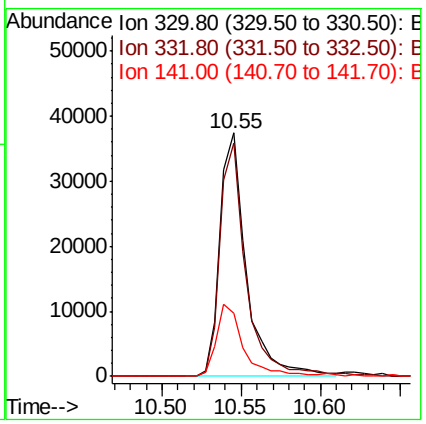


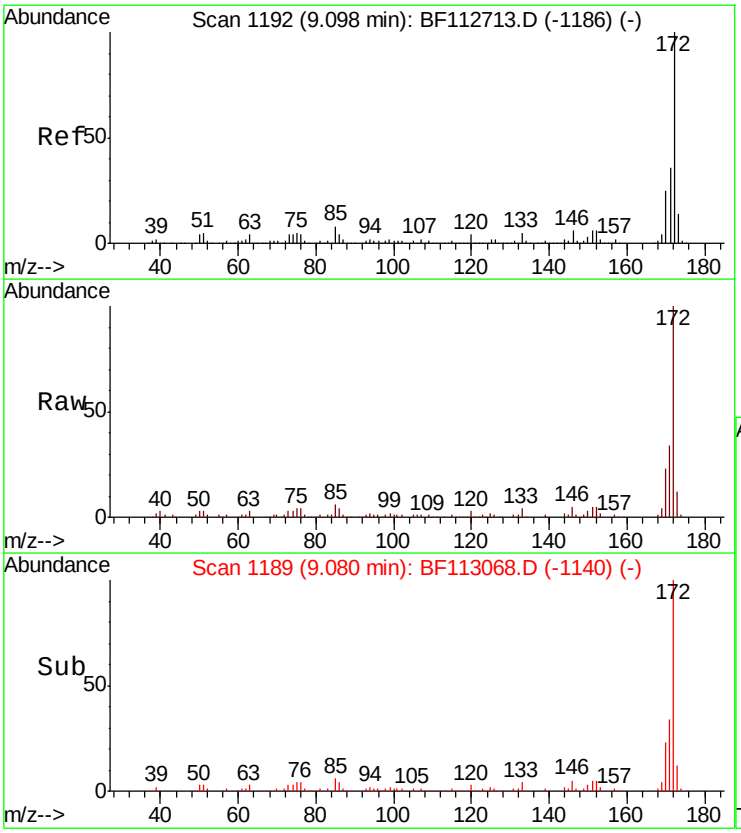
#42
2,4,6-Tribromophenol
Concen: 16.551 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tgt Ion:330 Resp: 43346

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.2	114.4
141	31.2	27.0	40.6

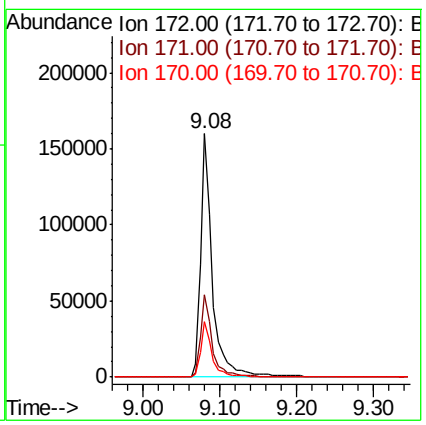


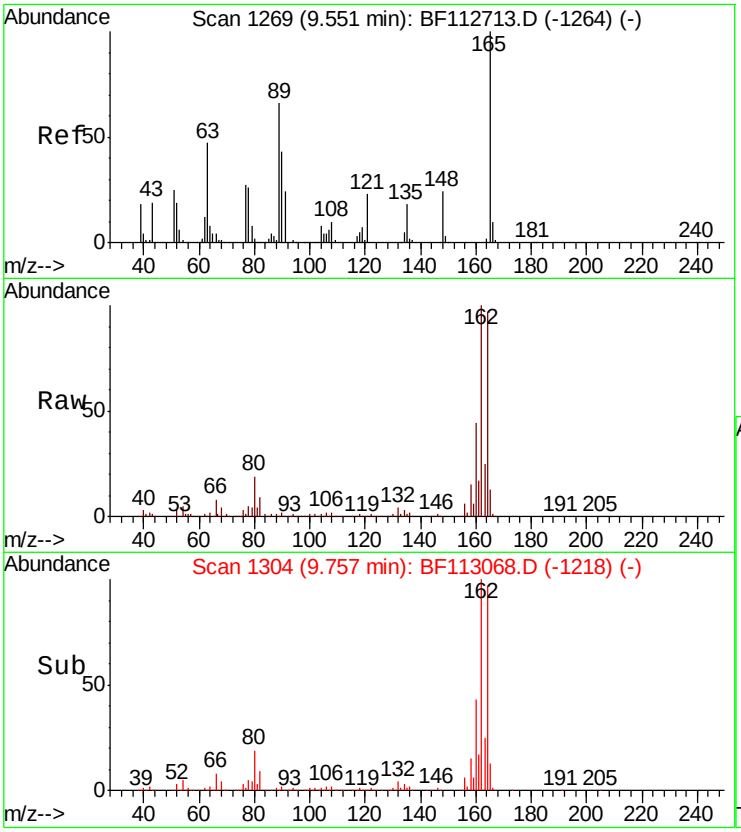


#45
2-Fluorobiphenyl
Concen: 8.006 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Tgt Ion:172 Resp: 170701

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.0	43.4
170	23.0	20.0	30.0



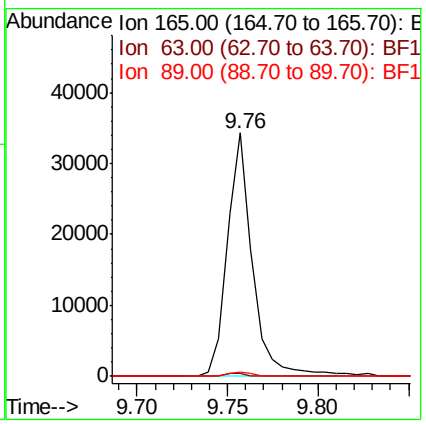


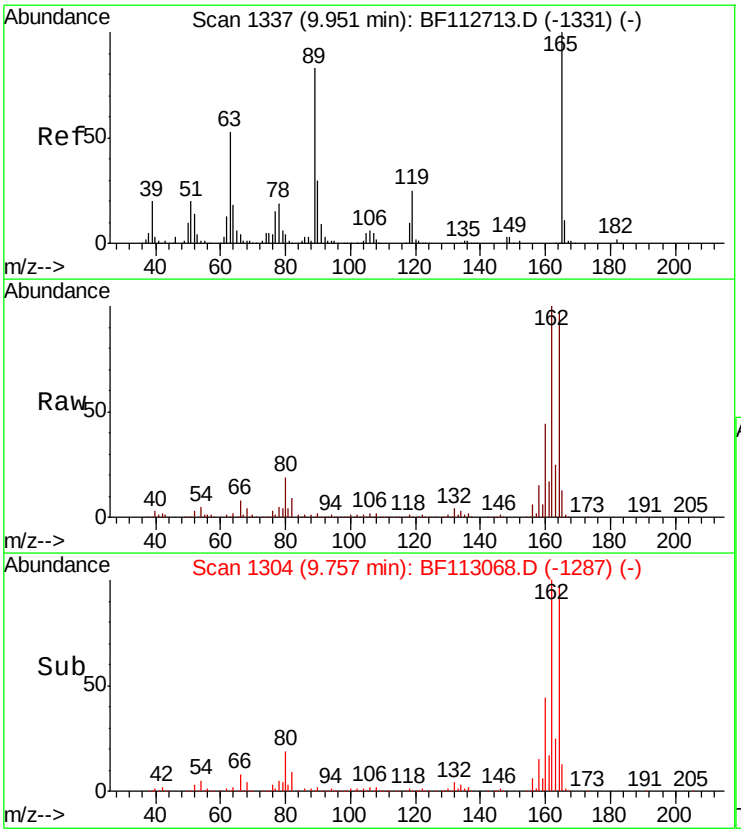
#51
2,6-Dinitrotoluene
Concen: 8.709 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tgt Ion:165 Resp: 32989

Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.1	81.1#
89	1.8	52.8	79.2#

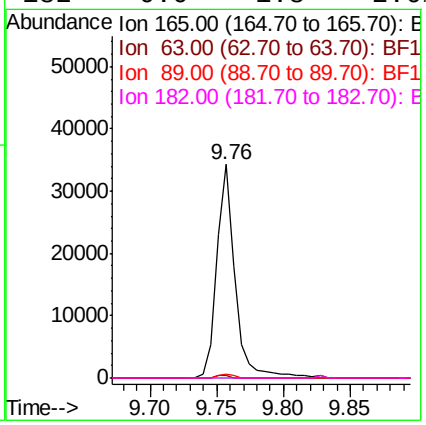


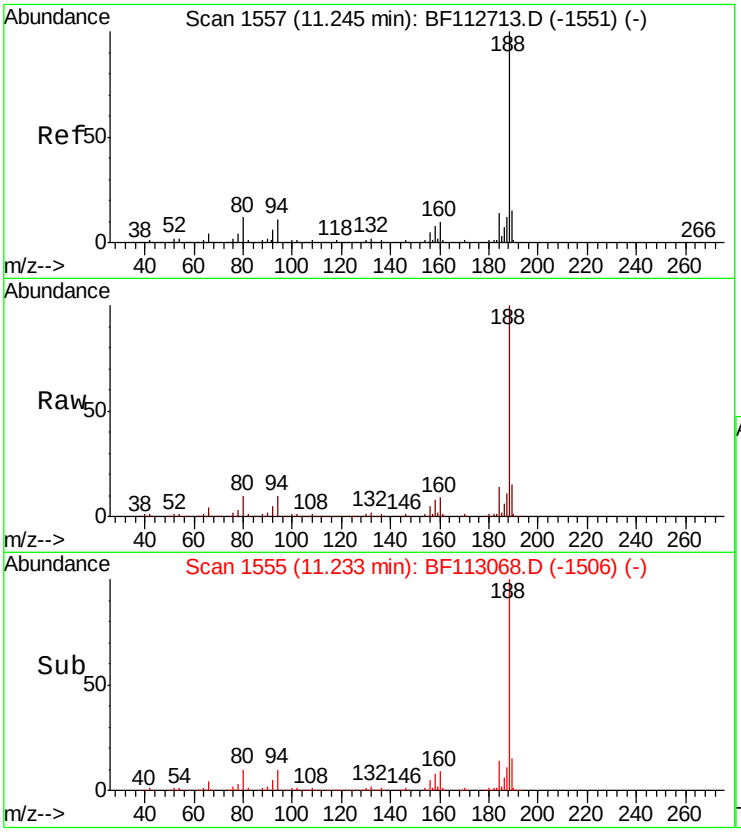


#57
2,4-Dinitrotoluene
Concen: 7.089 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Tgt Ion:165 Resp: 33375

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.8	66.2	99.4#
182	0.0	1.8	2.6#



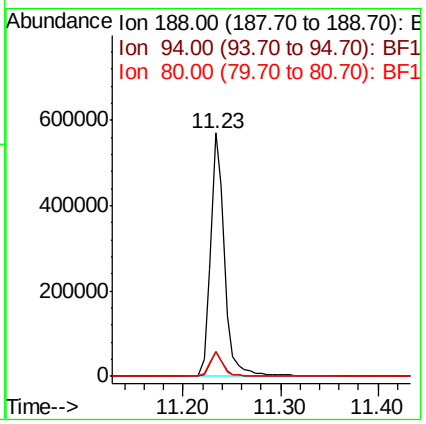


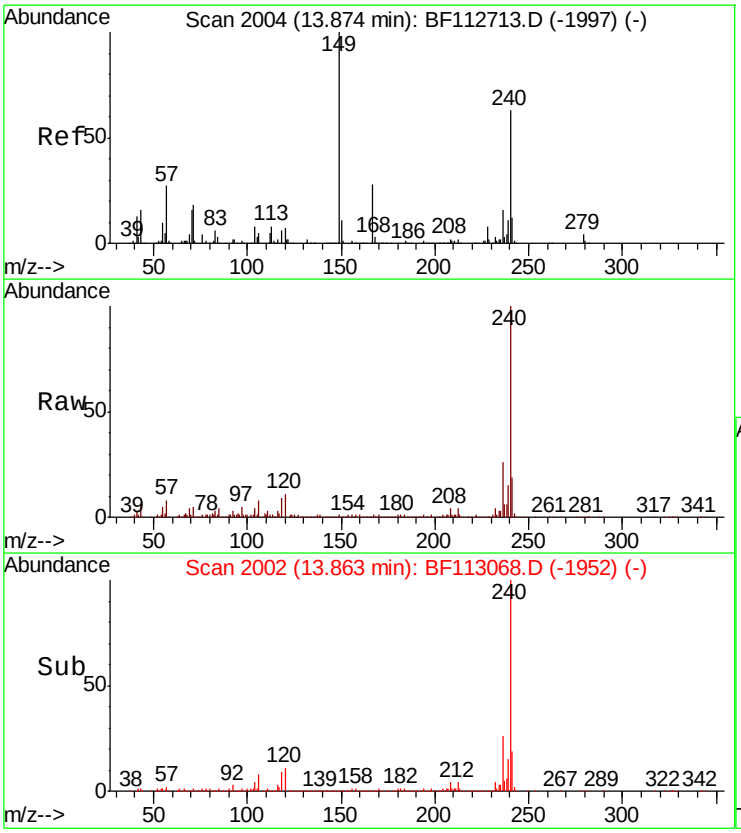
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tgt Ion:188 Resp: 564369

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.3	9.2	13.8

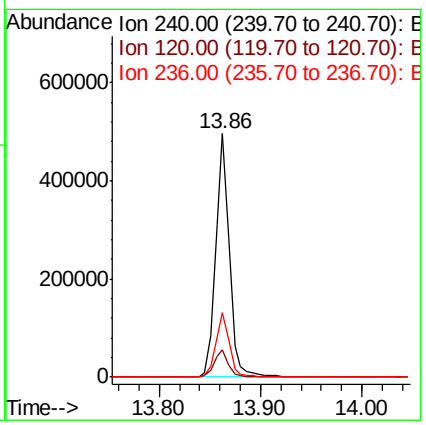


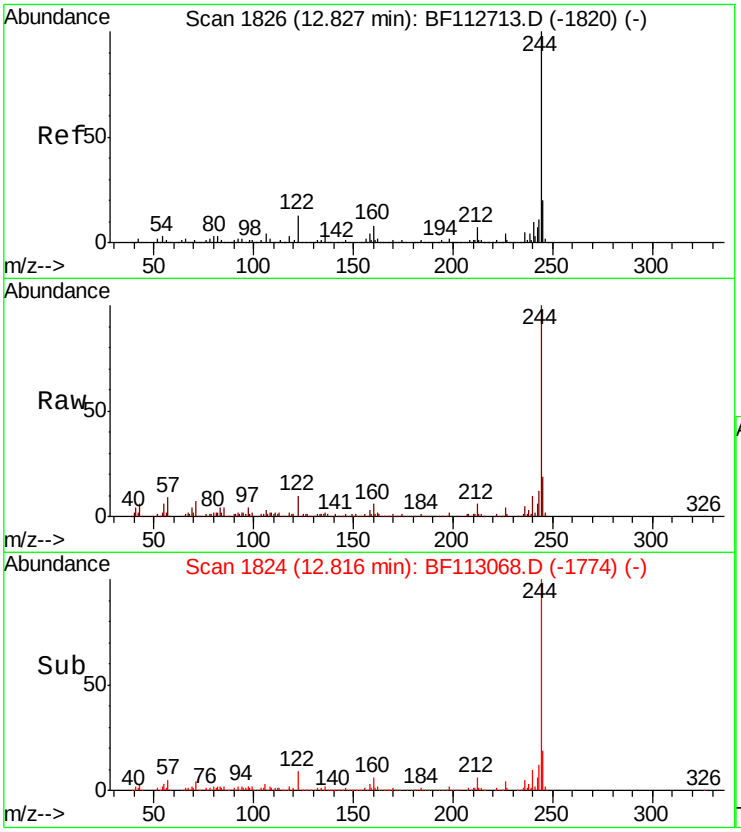


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Tgt Ion:240 Resp: 466789

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.3	20.7	31.1



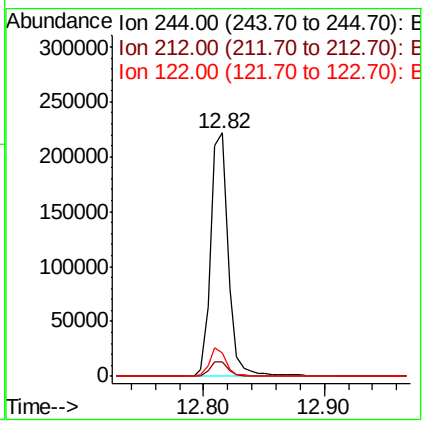


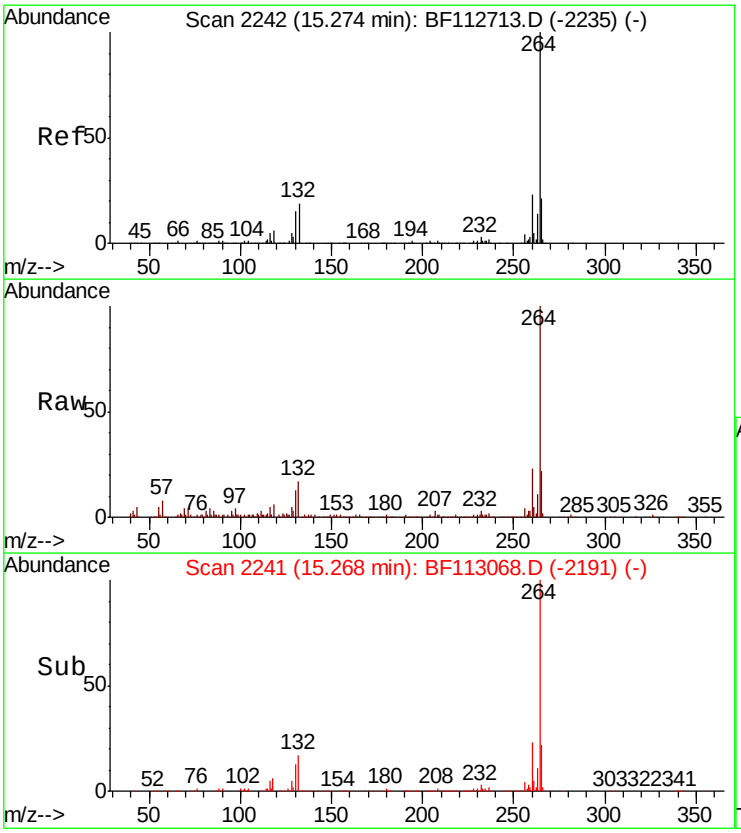
#79
Terphenyl-d14
Concen: 9.189 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tgt Ion:244 Resp: 221269

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.6	8.4
122	9.6	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113068.D
Acq: 15 Mar 2019 16:21

Tgt Ion:264 Resp: 457963

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	17.2	25.8