Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121846.D
Acq On : 6 Oct 2020 11:49
Operator : JU/CG
Sample : L4247-07DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-4DL

Quant Time: Oct 06 12:13:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	121890	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	479059	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	244911	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	439731	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	275669	20.00	ng	-0.01
86) Perylene-d12	15.36	264	251056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	75702	9.23	ng	0.00
7) Phenol-d6	6.40	99	102233	9.50	ng	-0.01
23) Nitrobenzene-d5	7.32	82	64978	7.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	17519	5.76	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	124697	7.71	ng	-0.02
79) Terphenyl-d14	12.86	244	114630	8.42	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.32	82	64977	3.618	ng	# 67
51) 2,6-Dinitrotoluene	9.80	165	32012	8.468	ng	# 21
57) 2,4-Dinitrotoluene	9.80	165	32012	6.731	ng	# 20

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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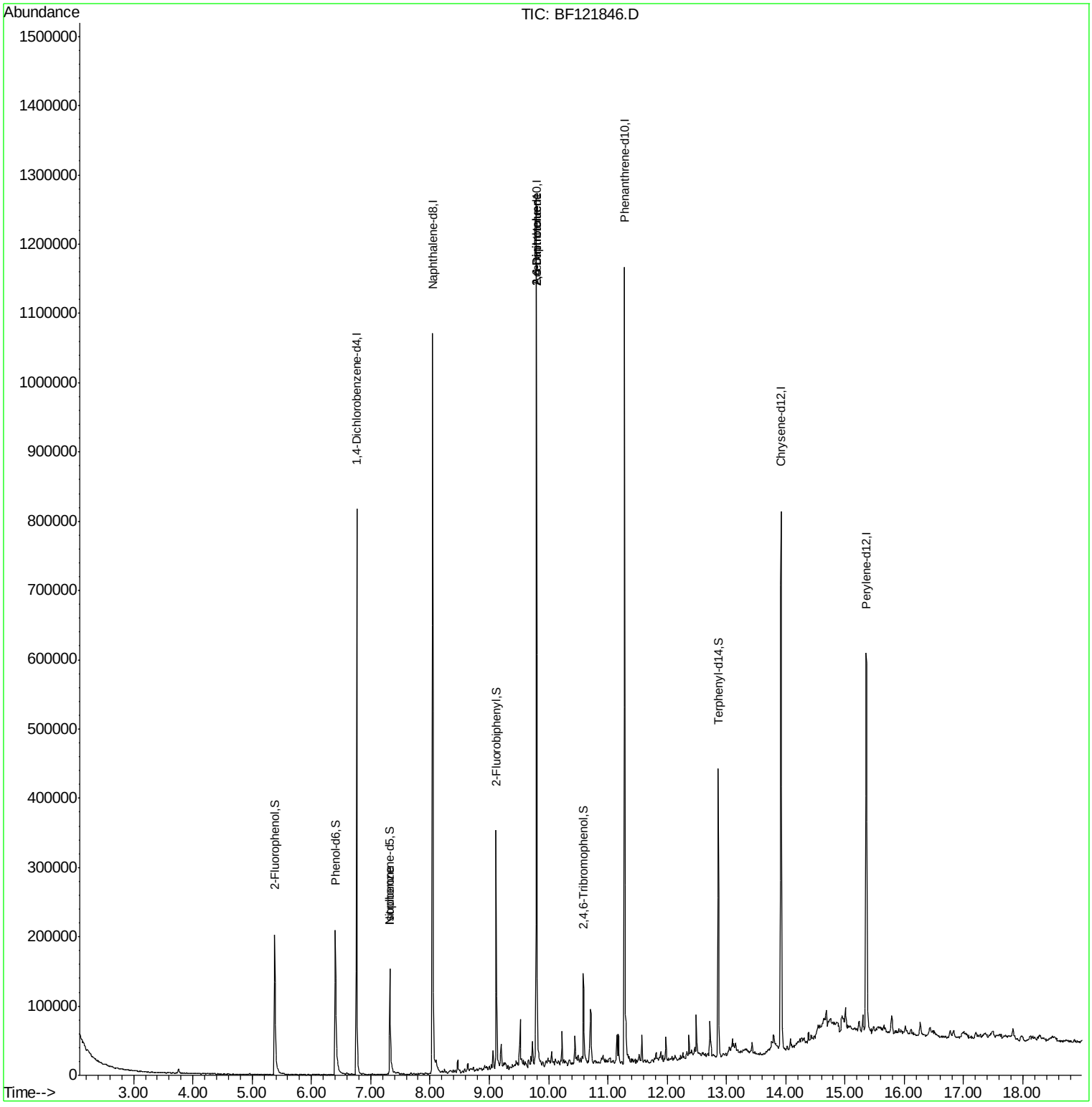
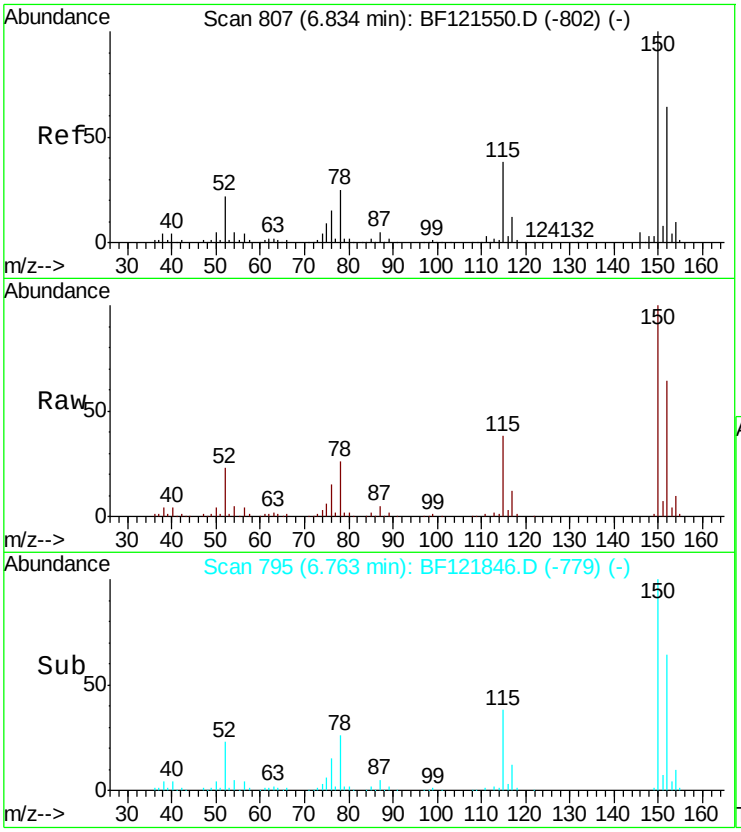
Response via : Initial Calibration



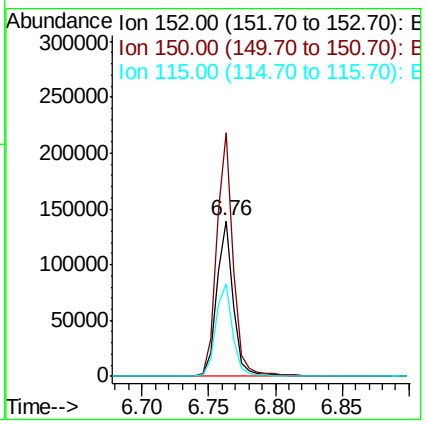


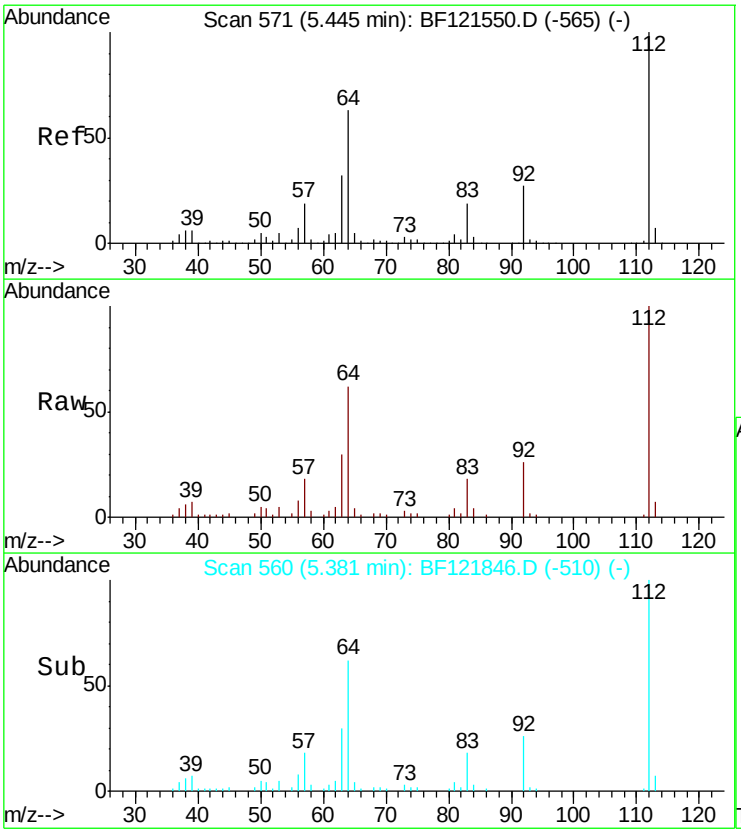
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tgt Ion:152 Resp: 121890

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.3	187.9
115	60.0	51.9	77.9

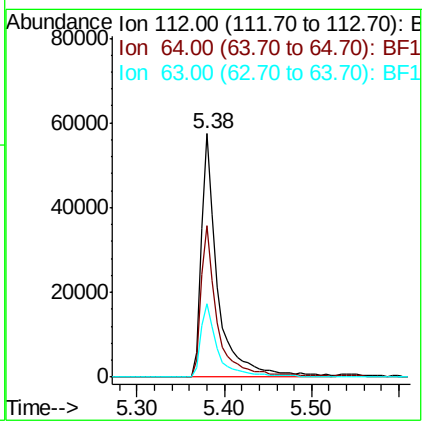


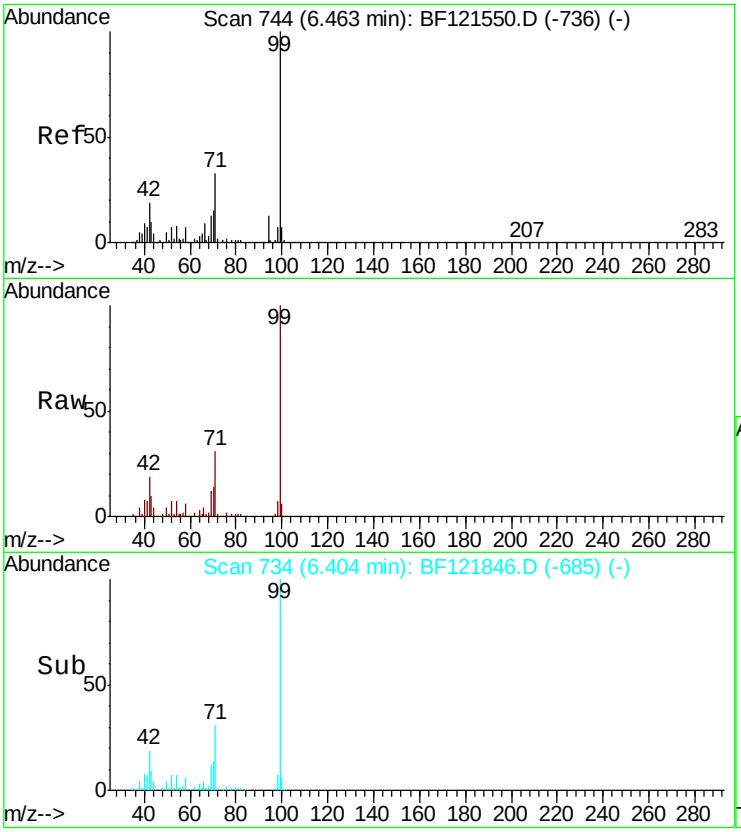


#5
2-Fluorophenol
Concen: 9.230 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Tgt Ion:112 Resp: 75702

Ion	Ratio	Lower	Upper
112	100		
64	62.0	50.4	75.6
63	29.9	25.8	38.6



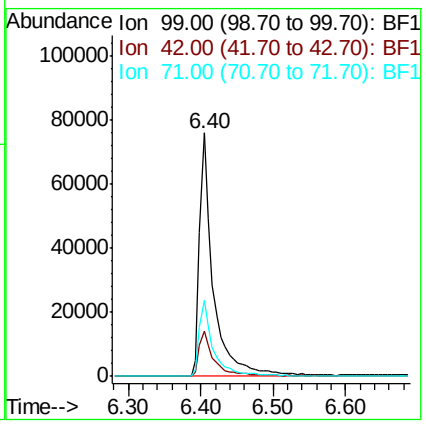


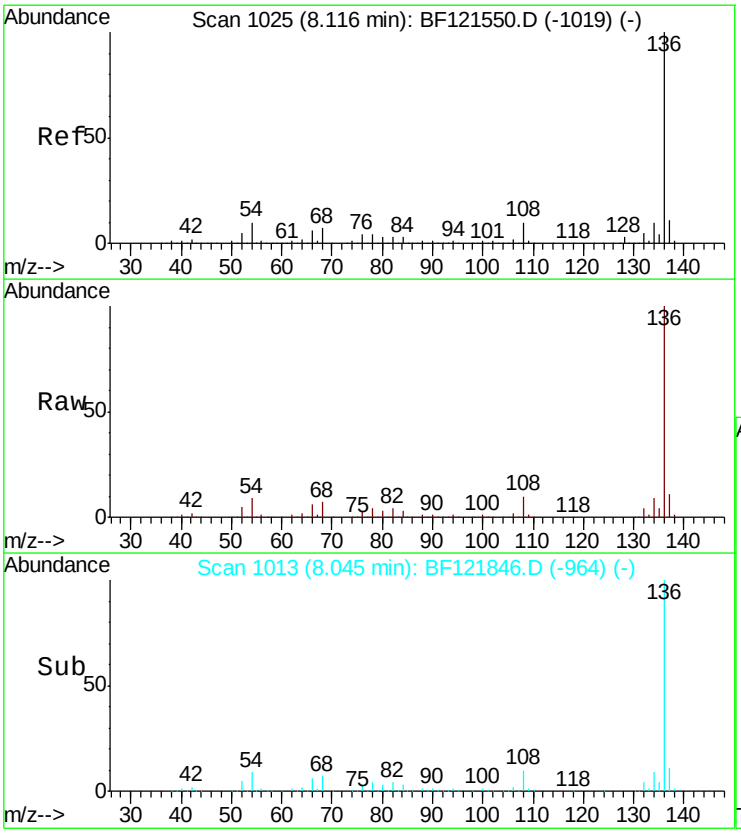
#7
Phenol-d6
Concen: 9.501 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tgt Ion: 99 Resp: 102233

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.9	23.9
71	31.2	27.1	40.7

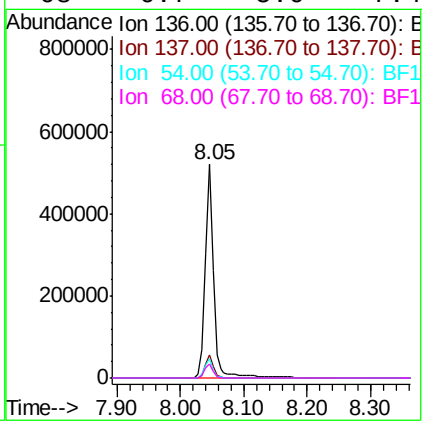


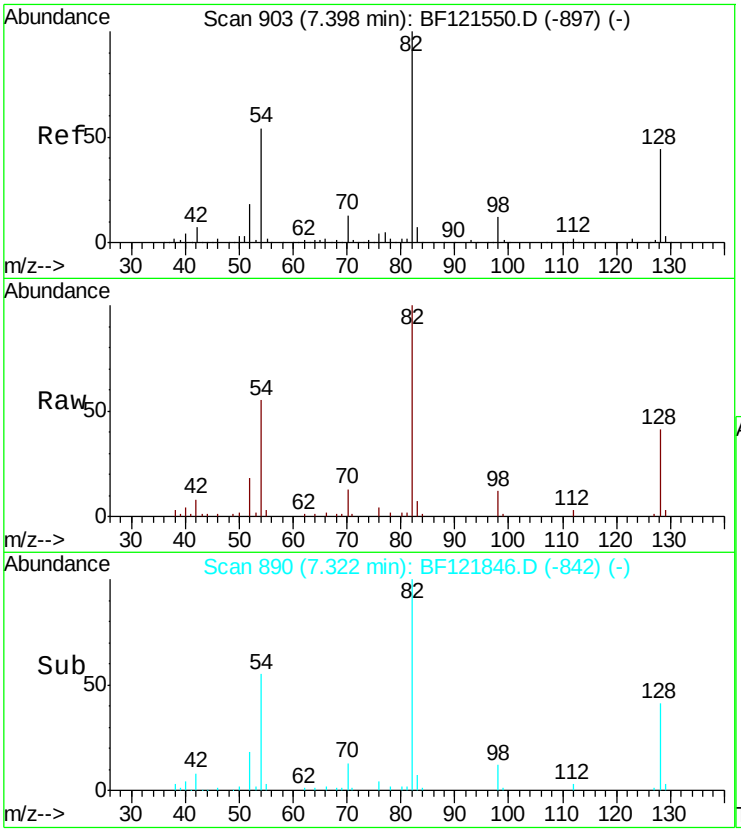


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Tgt Ion:136 Resp: 479059

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.3	7.1	10.7
68	6.7	5.0	7.4



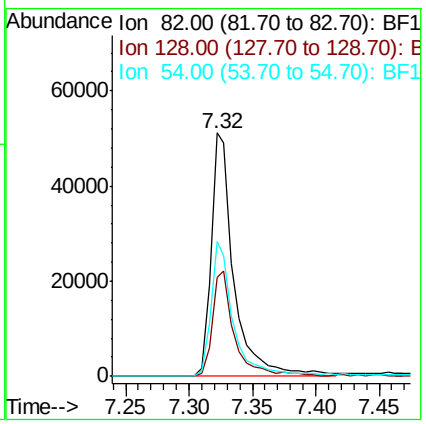


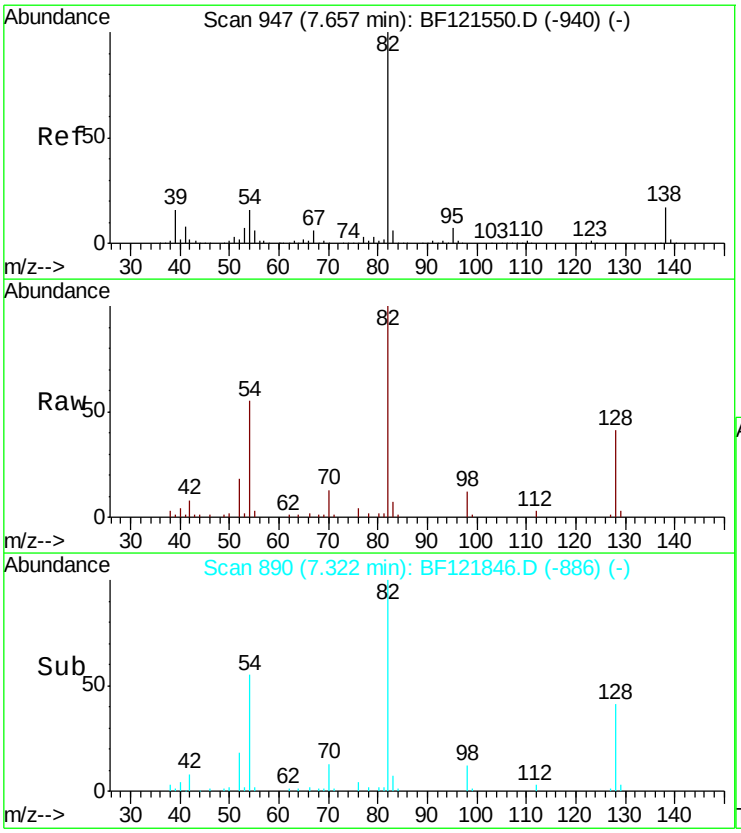
#23
Nitrobenzene-d5
Concen: 7.283 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tgt Ion: 82 Resp: 64978

Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.0	52.4
54	55.5	43.9	65.9

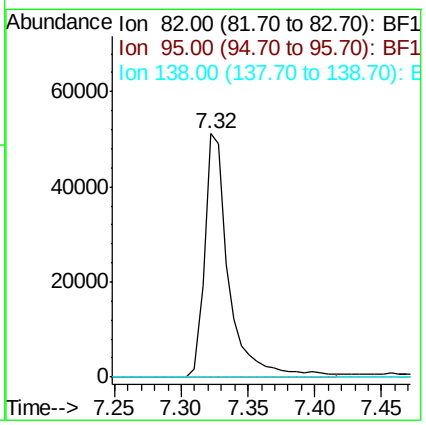


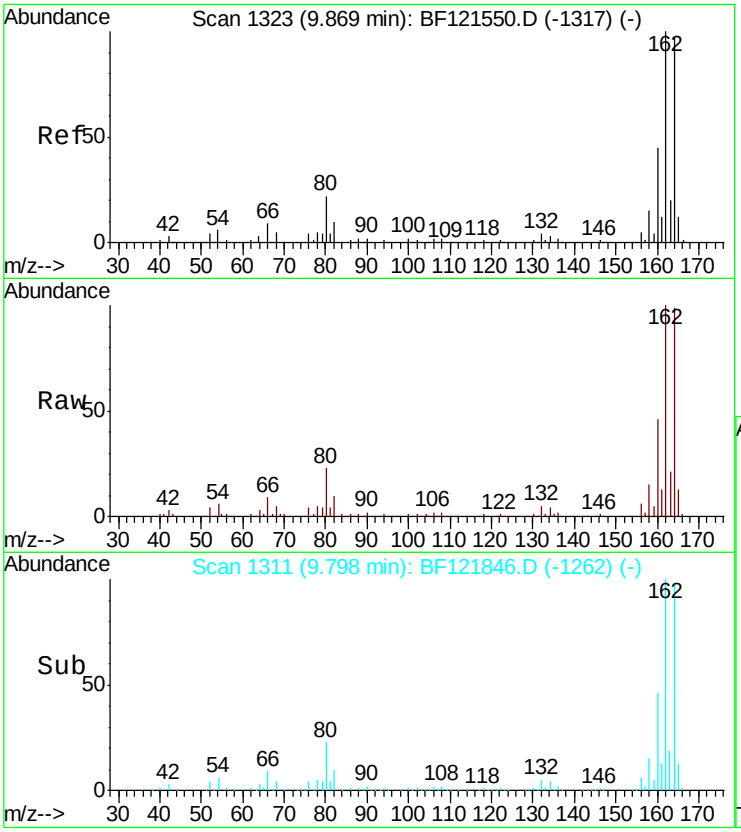


#25
Isophorone
Concen: 3.618 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Tgt Ion: 82 Resp: 64977

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#



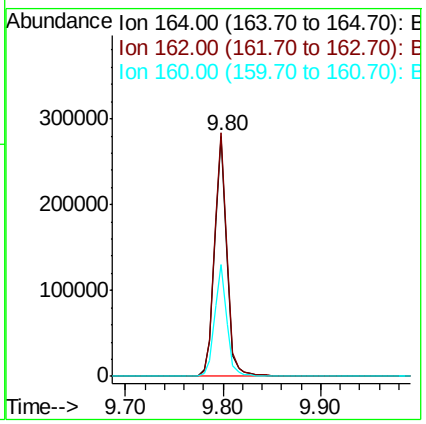


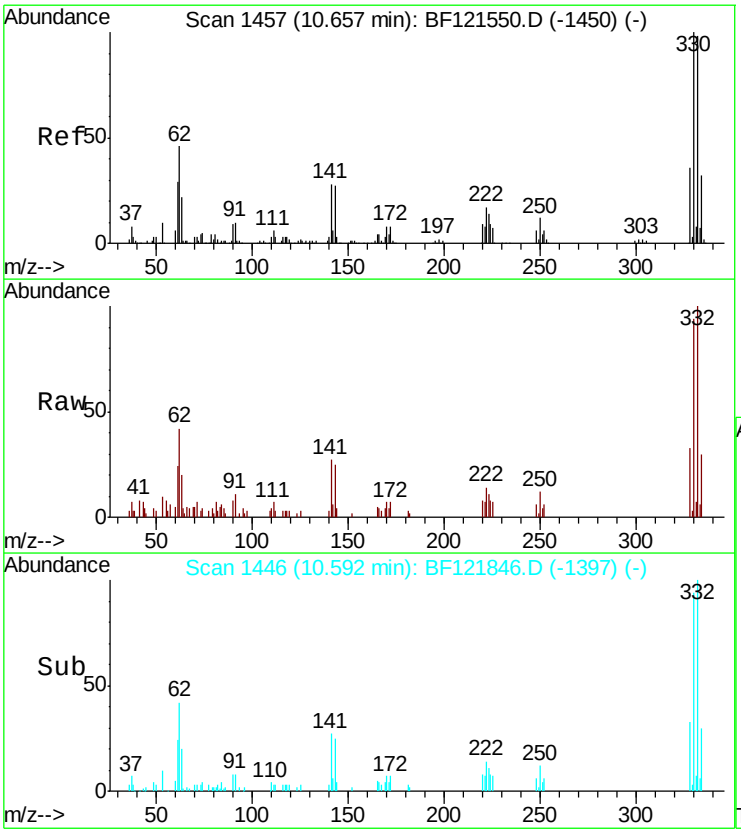
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tgt Ion:164 Resp: 244911

Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.2	124.8
160	46.6	37.5	56.3

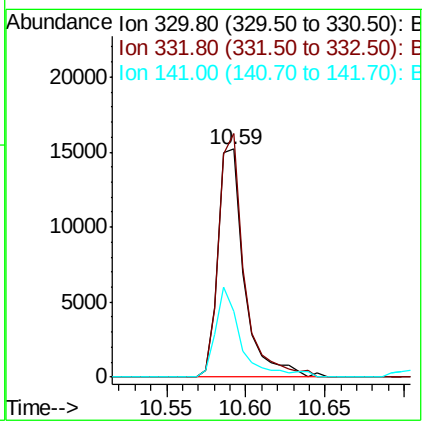


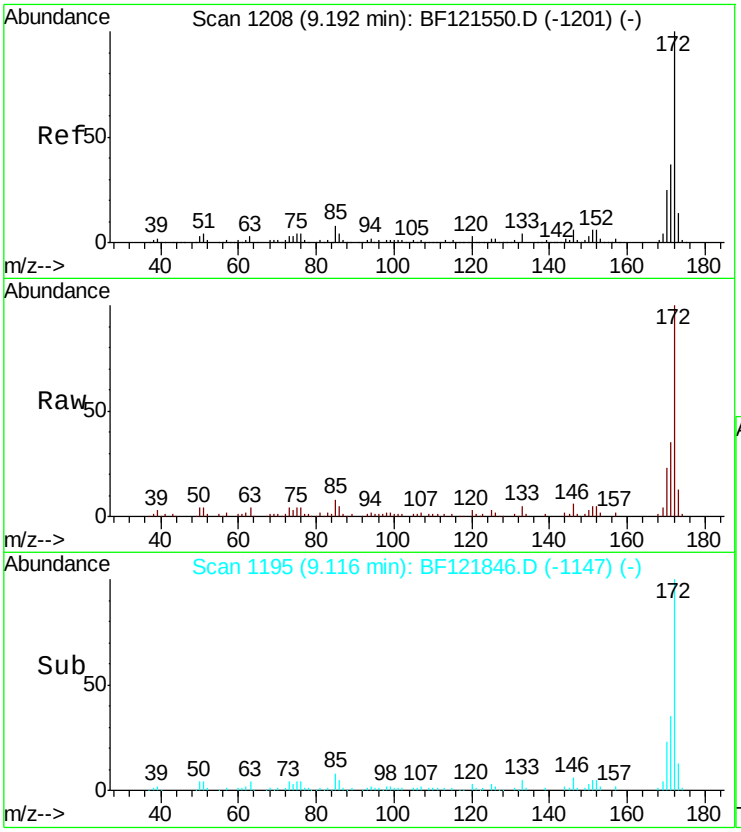


#42
2,4,6-Tribromophenol
Concen: 5.755 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Tgt Ion:330 Resp: 17519

Ion	Ratio	Lower	Upper
330	100		
332	102.9	77.3	115.9
141	37.9	22.3	33.5#



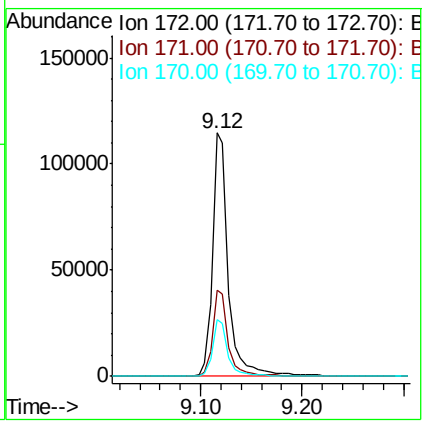


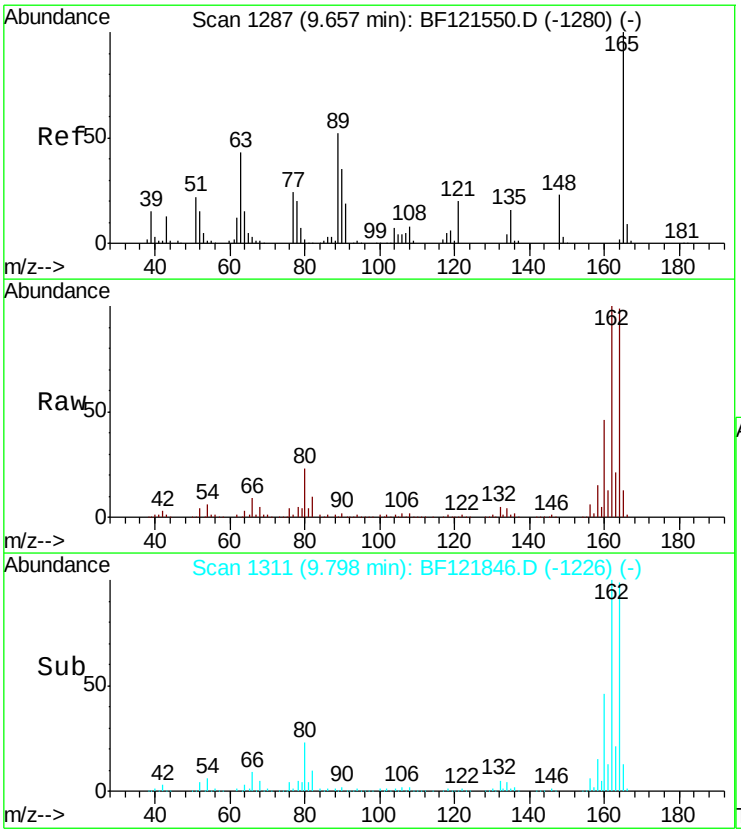
#45
2-Fluorobiphenyl
Concen: 7.711 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tgt Ion:172 Resp: 124697

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.1	43.7
170	23.2	19.8	29.6

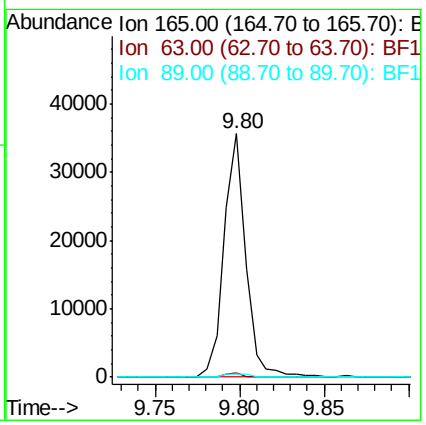


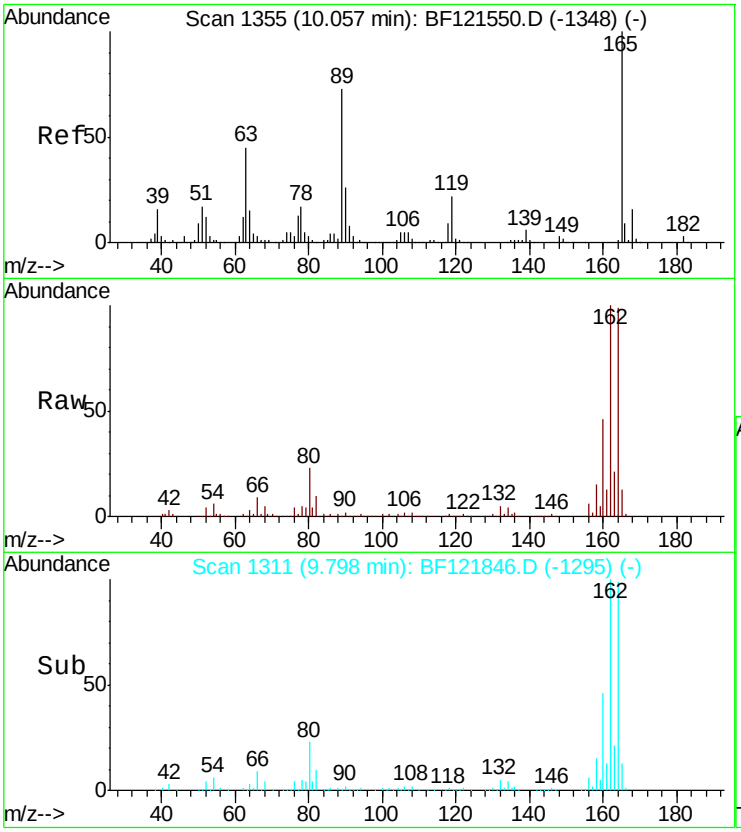


#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.20 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Tgt Ion:165 Resp: 32012

Ion	Ratio	Lower	Upper
165	100		
63	1.6	51.8	77.6#
89	1.2	49.0	73.6#



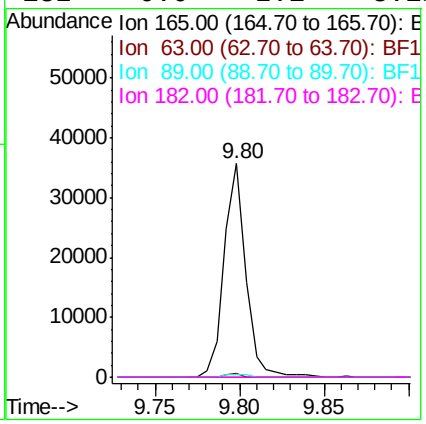


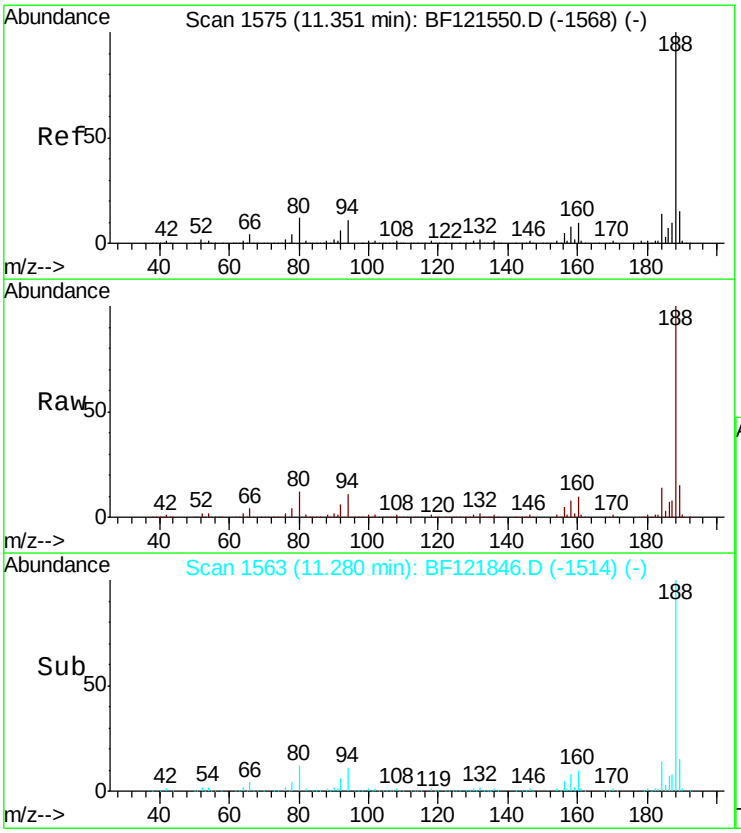
#57
2,4-Dinitrotoluene
Concen: 6.731 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tgt Ion:165 Resp: 32012

Ion	Ratio	Lower	Upper
165	100		
63	1.6	41.3	61.9#
89	1.2	61.8	92.8#
182	0.0	2.1	3.1#

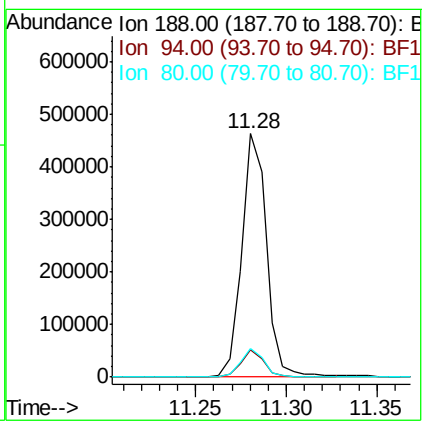


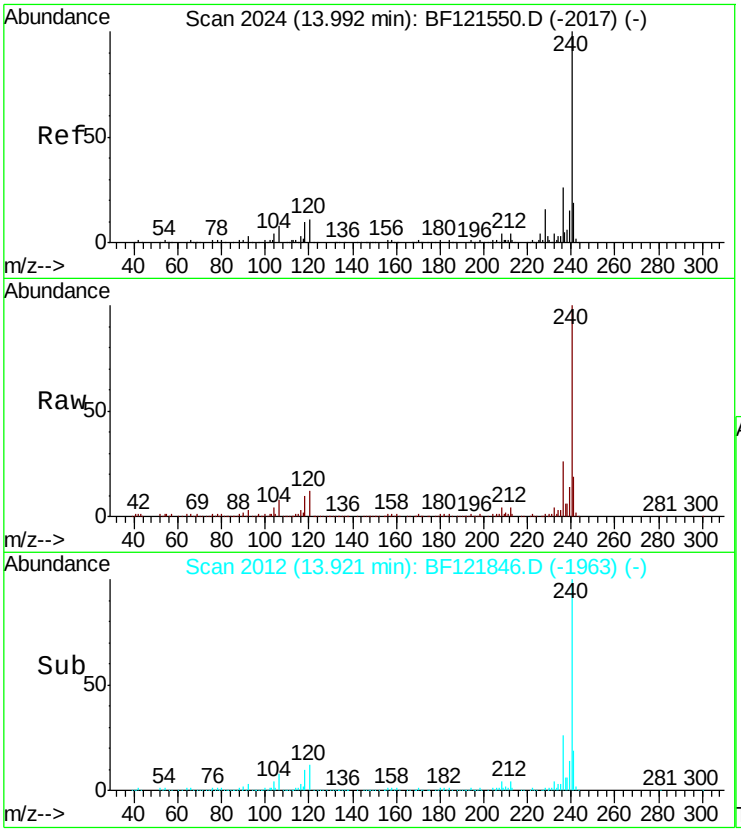


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Tgt Ion:188 Resp: 439731

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	11.9	9.1	13.7



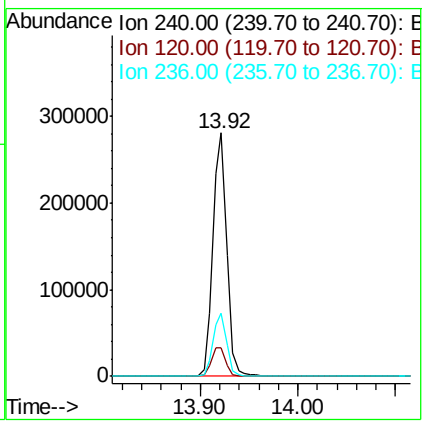


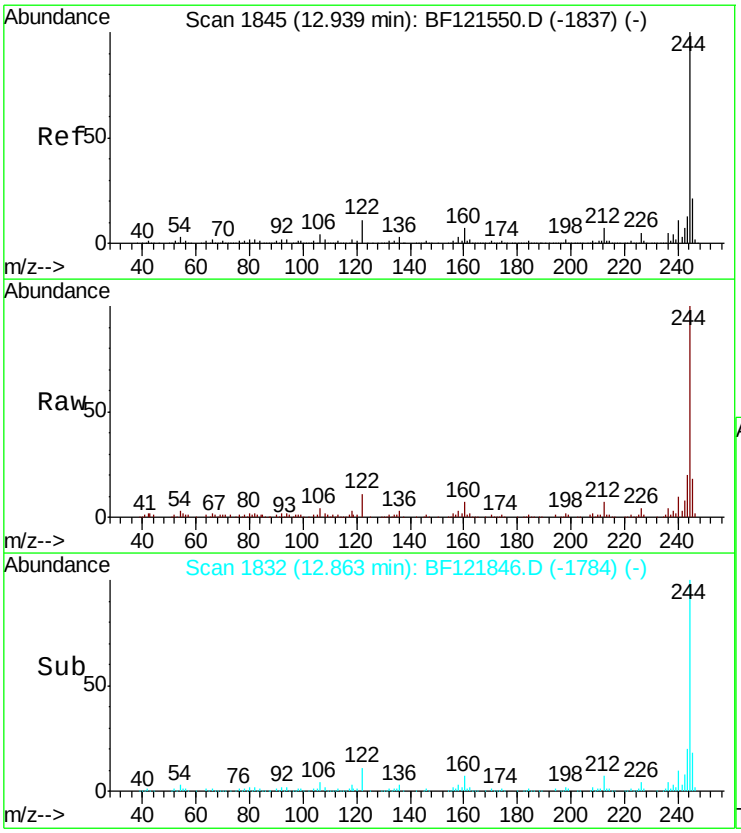
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tgt Ion:240 Resp: 275669

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.2	13.8
236	25.9	20.9	31.3

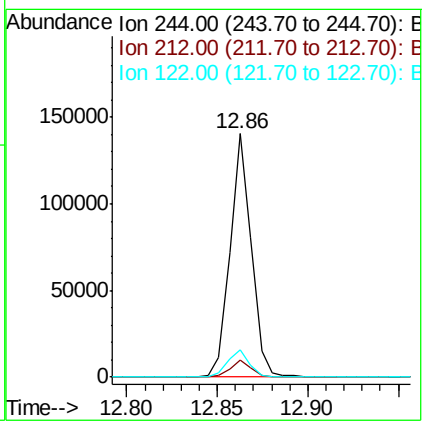


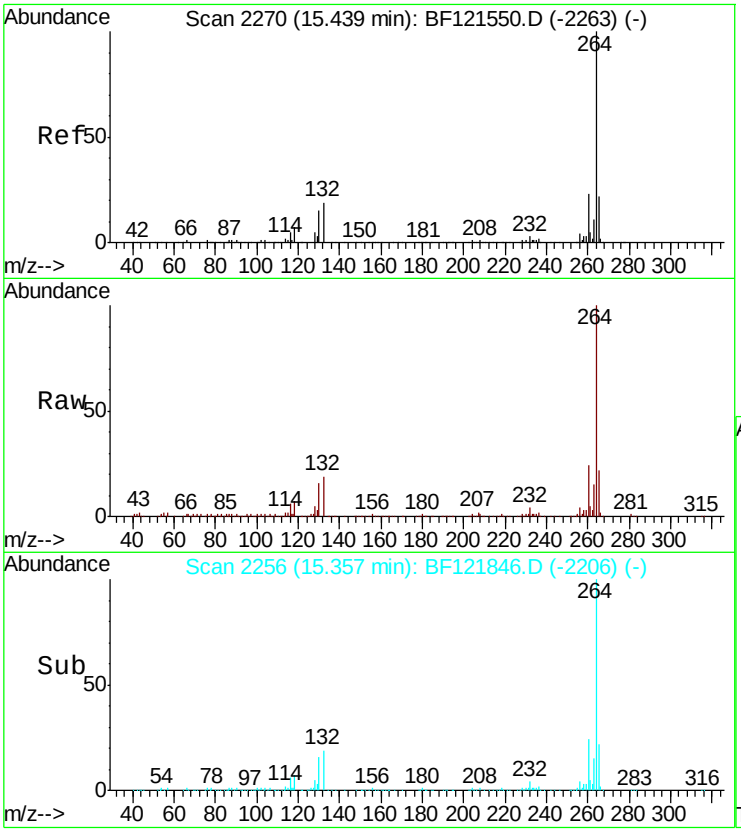


#79
Terphenyl-d14
Concen: 8.424 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Tgt Ion:244 Resp: 114630

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.4	8.1	12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tgt Ion:264 Resp: 251056

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	17.3	25.9