Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121506.D
Acq On : 1 Sep 2020 20:10
Operator : JU/CG
Sample : L3848-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-C

Manual Integrations APPROVED
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Quant Time: Sep 02 02:16:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	274574	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1045443	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	514177	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	889742	20.00	ng	0.00
76) Chrysene-d12	14.03	240	678708	20.00	ng	0.00
86) Perylene-d12	15.50	264	732640	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	493433	30.15	ng	-0.01
7) Phenol-d6	6.47	99	647261	28.30	ng	-0.02
23) Nitrobenzene-d5	7.41	82	398904	26.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	167736	32.30	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	836563	26.25	ng	-0.01
79) Terphenyl-d14	12.97	244	727726	22.57	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.61	163	121569	3.442	ng	99
75) Fluoranthene	12.60	202	159939	3.250	ng	95
78) Pyrene	12.83	202	162910	3.361	ng	96
81) Benzo(a)anthracene	14.02	228	88020	2.124	ng	96
88) Benzo(b)fluoranthene	15.07	252	102856m	2.158	ng	

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

Quantitation Report (LSC Reviewed)

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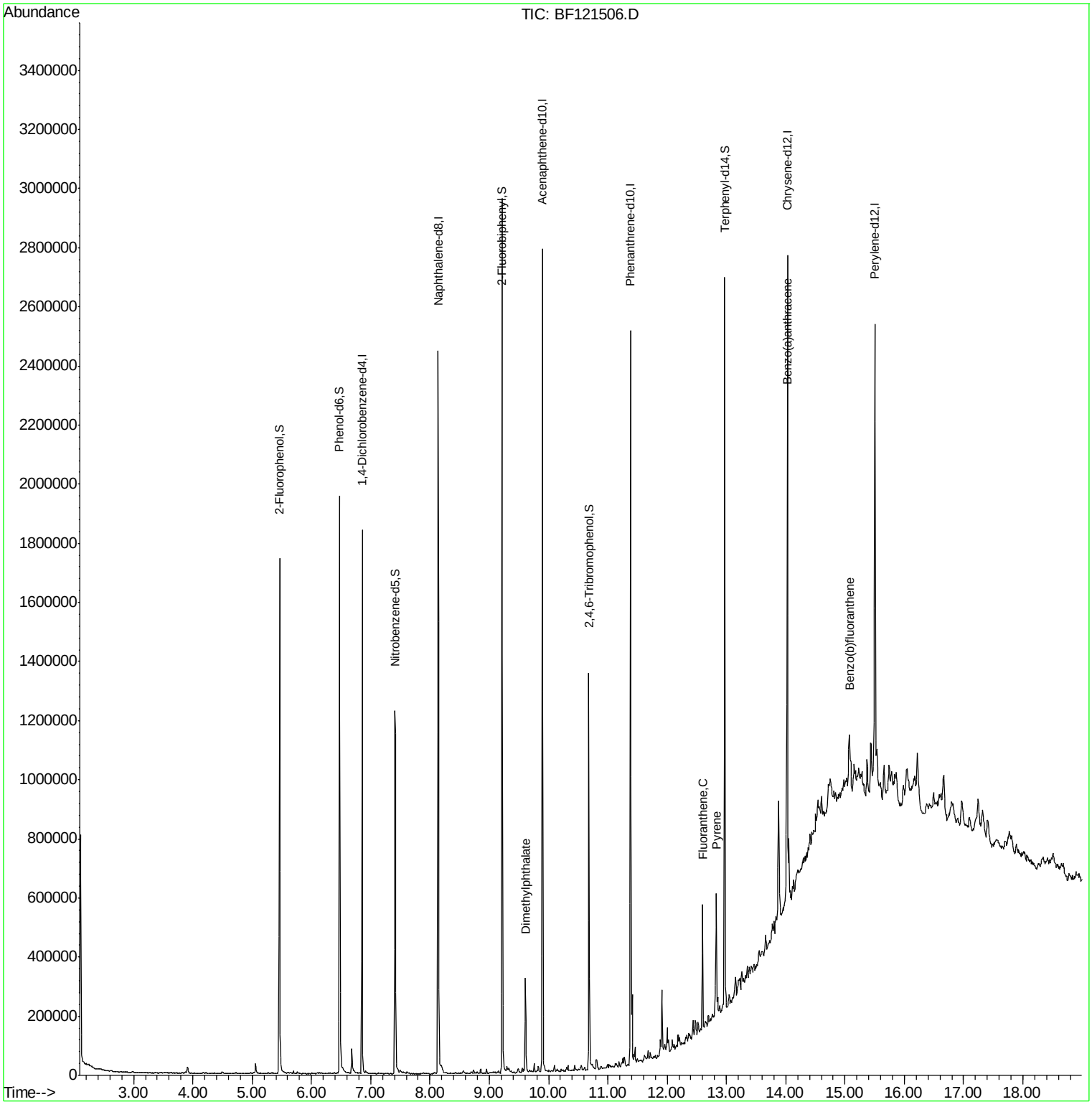
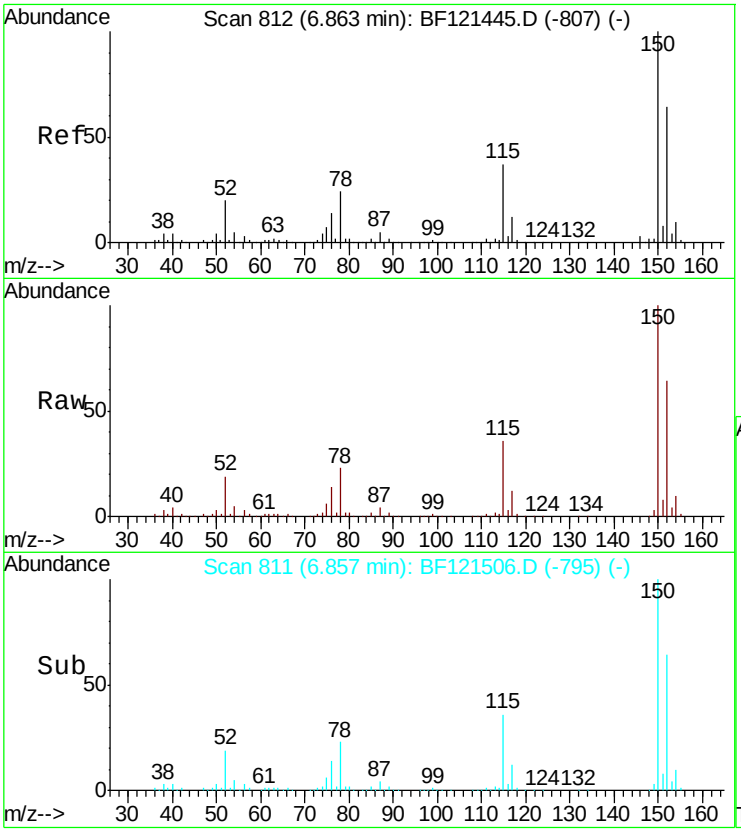
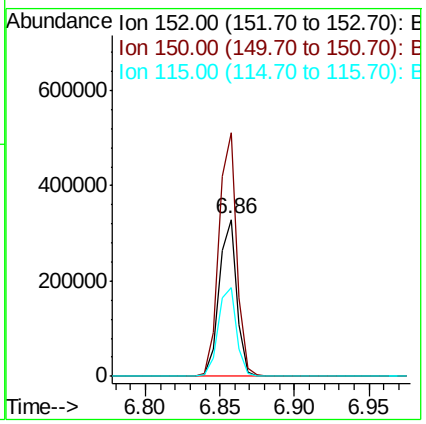




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:152 Resp: 274574

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.8	188.6
115	56.6	46.6	69.8



Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-C

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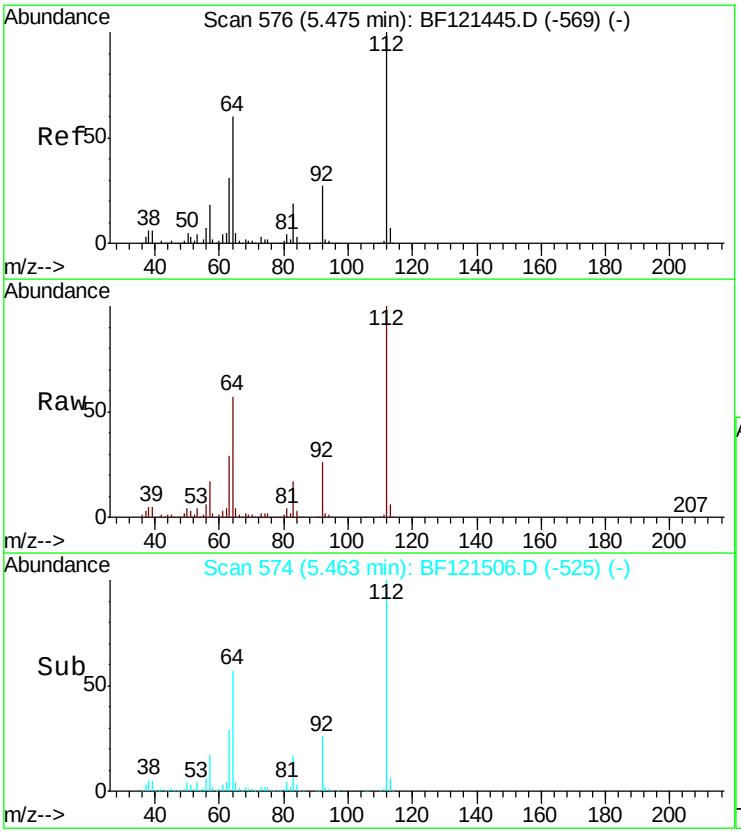
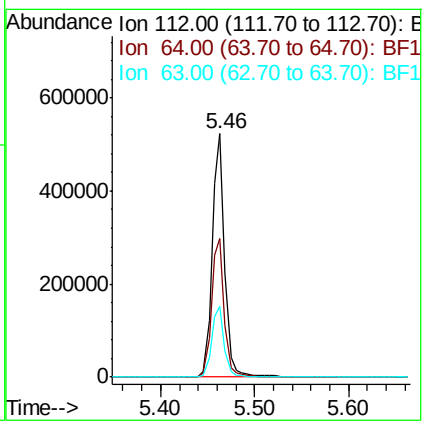
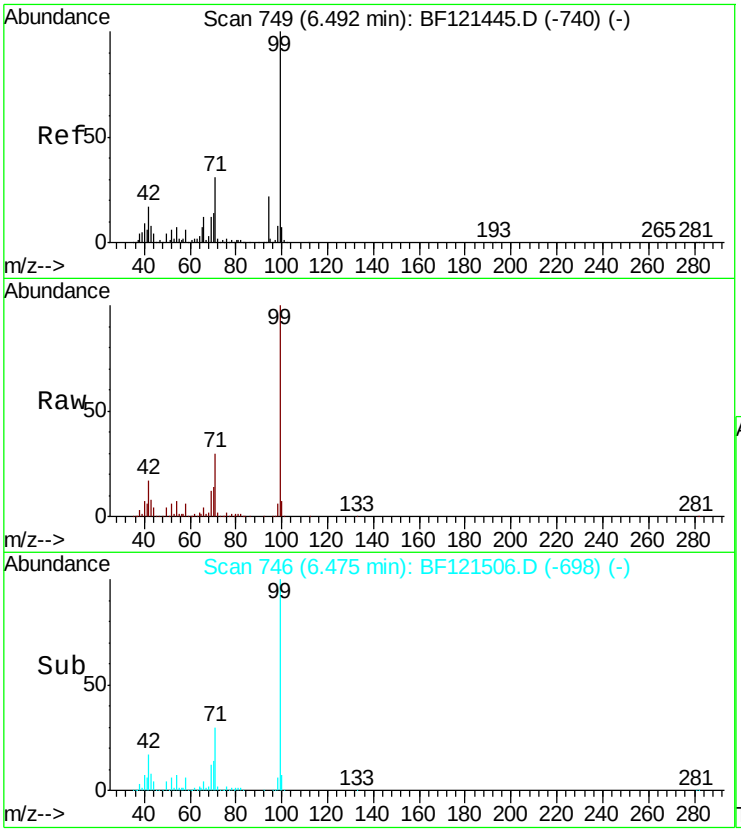


#5
2-Fluorophenol
Concen: 30.150 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:112 Resp: 493433

Ion	Ratio	Lower	Upper
112	100		
64	56.9	48.2	72.2
63	28.9	24.8	37.2

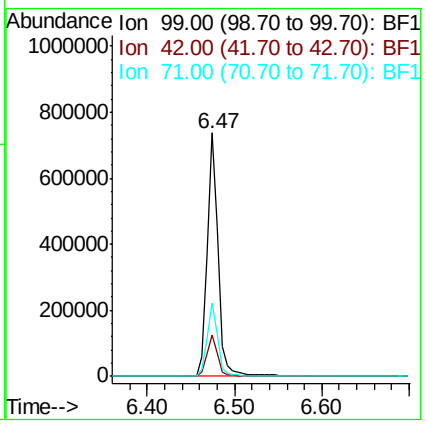




#7
Phenol-d6
Concen: 28.301 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion: 99 Resp: 647261

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	30.4	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
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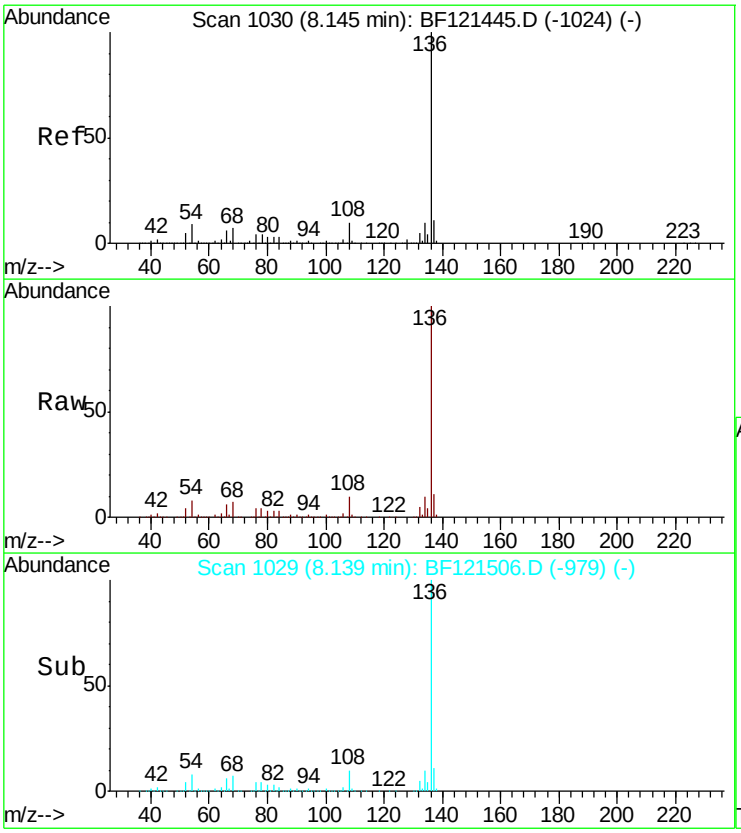
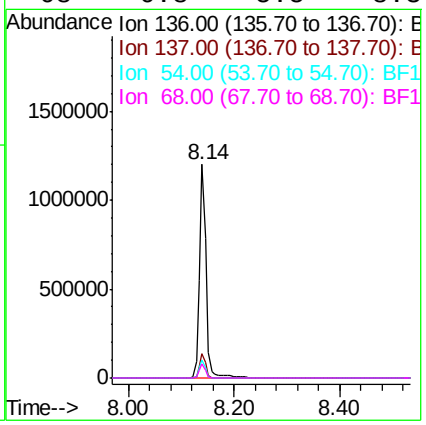
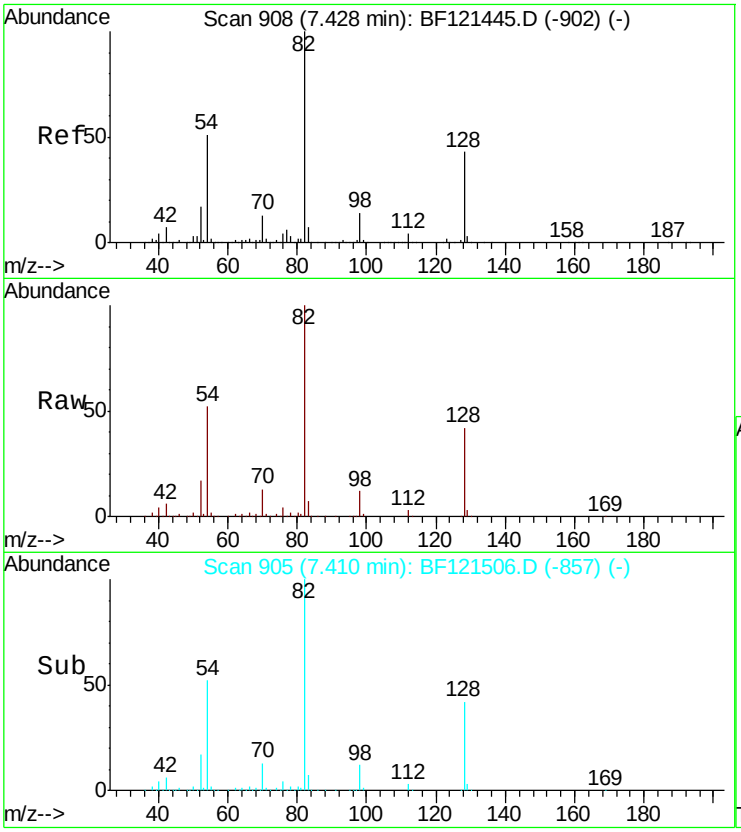


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:136 Resp: 1045443

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.4	7.0	10.4
68	6.8	5.5	8.3

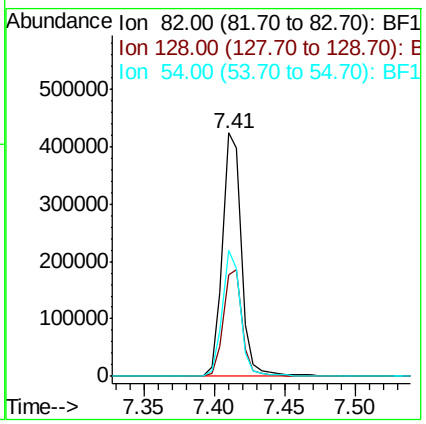




#23
Nitrobenzene-d5
Concen: 26.086 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion: 82 Resp: 398904

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.1	51.1
54	51.6	41.0	61.6



Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-C

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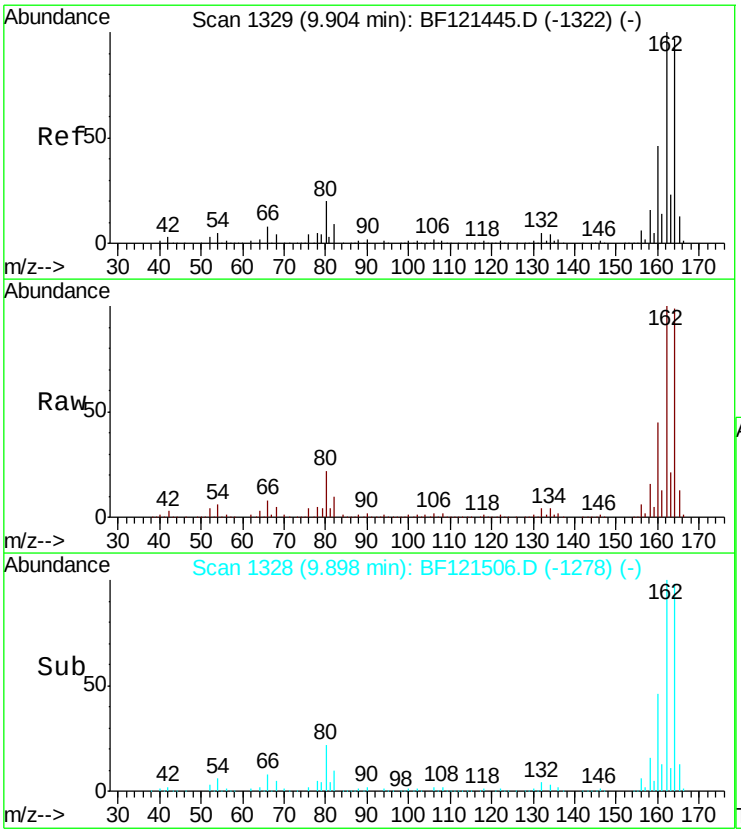
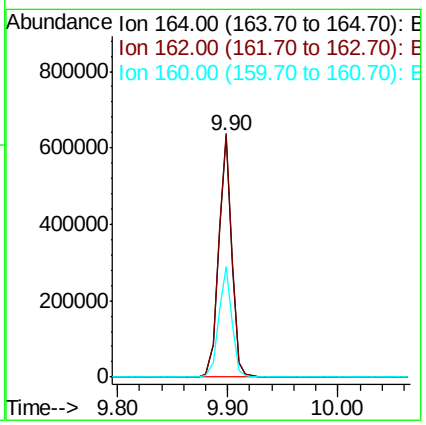
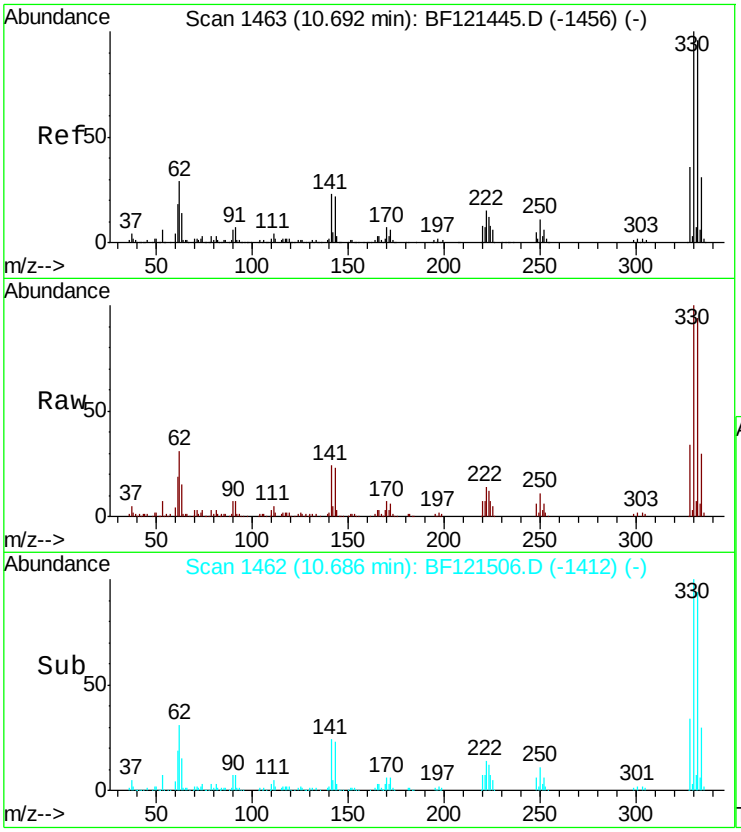


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:164 Resp: 514177

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.4	123.6
160	45.9	37.6	56.4

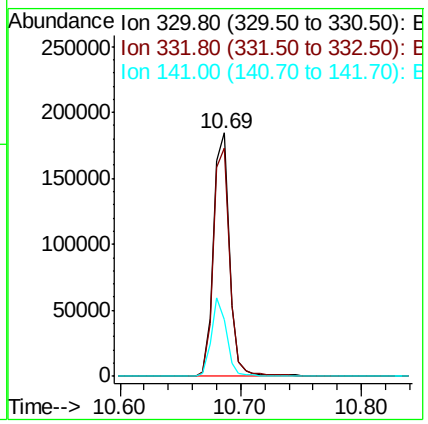




#42
2,4,6-Tribromophenol
Concen: 32.298 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:330 Resp: 167736

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.2
141	31.5	24.6	36.8



Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-C

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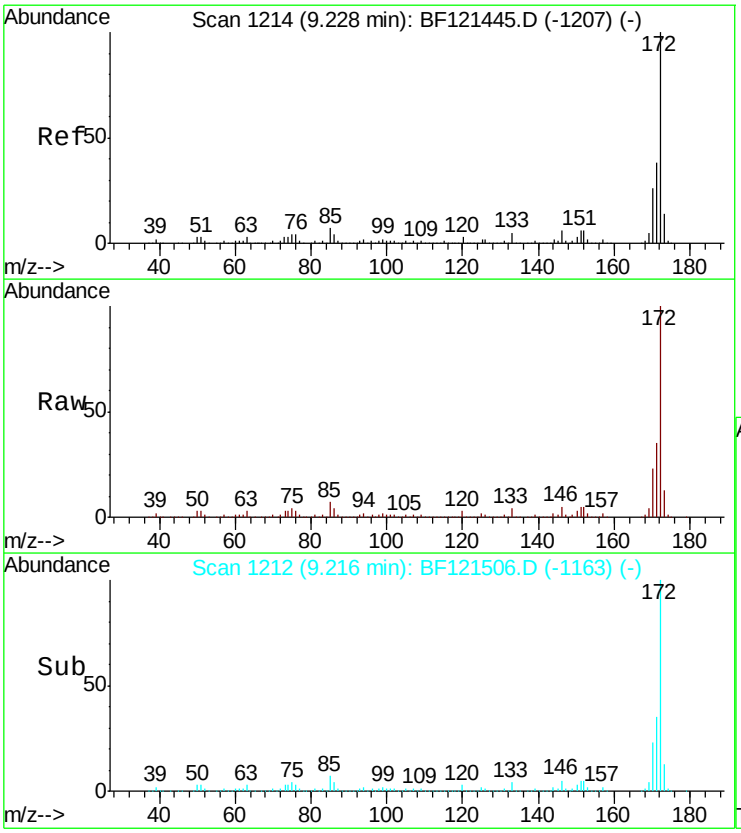
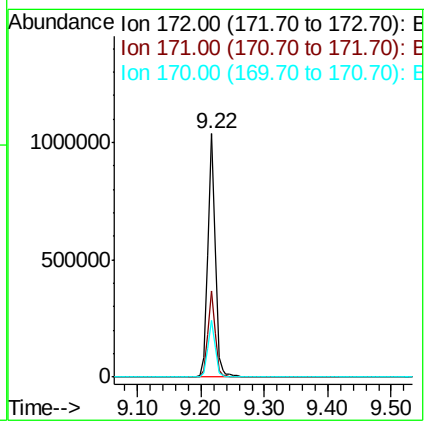
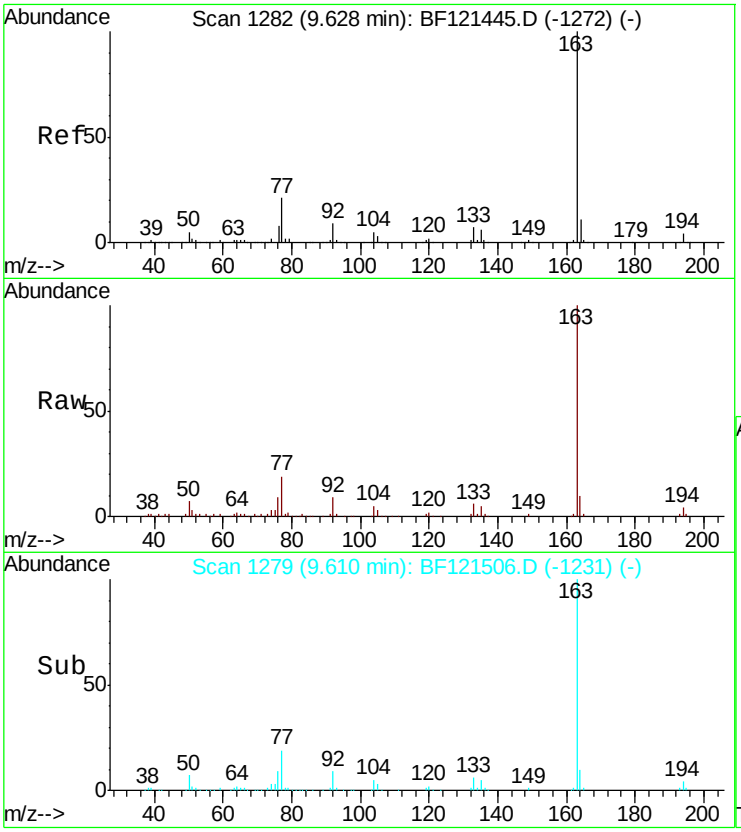


#45
2-Fluorobiphenyl
Concen: 26.252 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:172 Resp: 836563

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.6	45.8
170	23.3	20.6	31.0

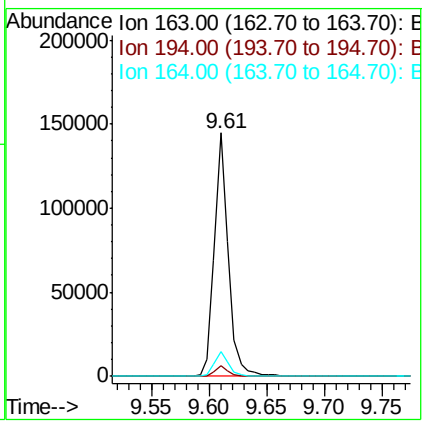




#50
Dimethylphthalate
Concen: 3.442 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:163 Resp: 121569

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	8.6	12.8



Instrument :
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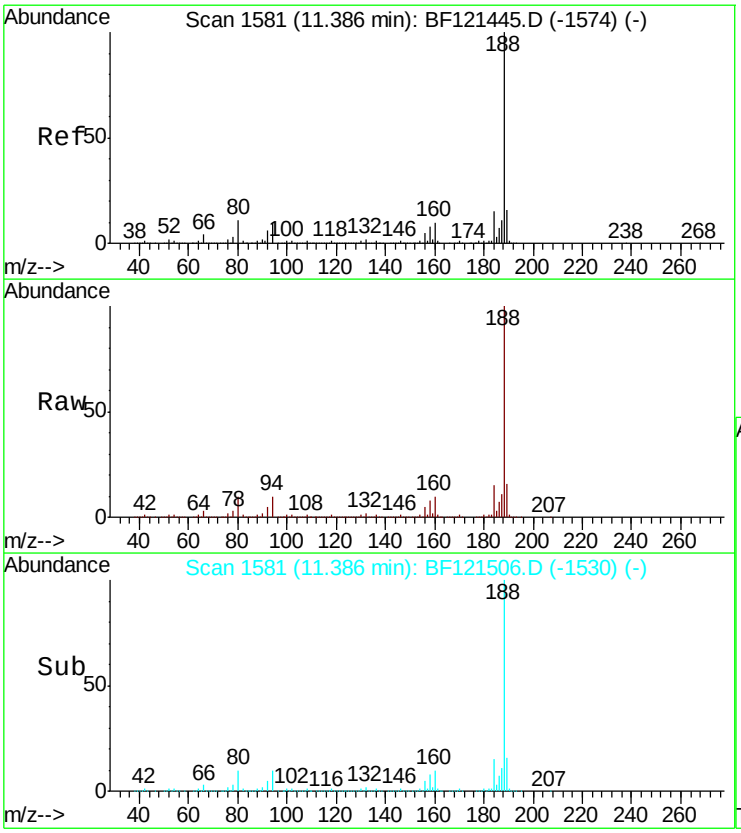
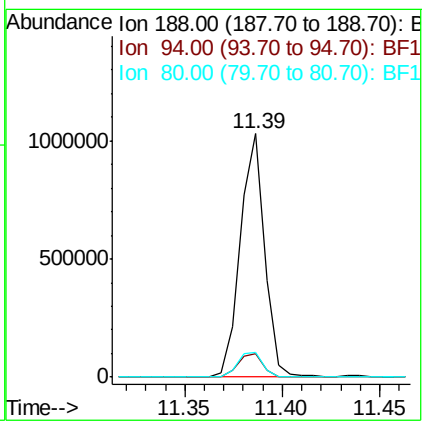
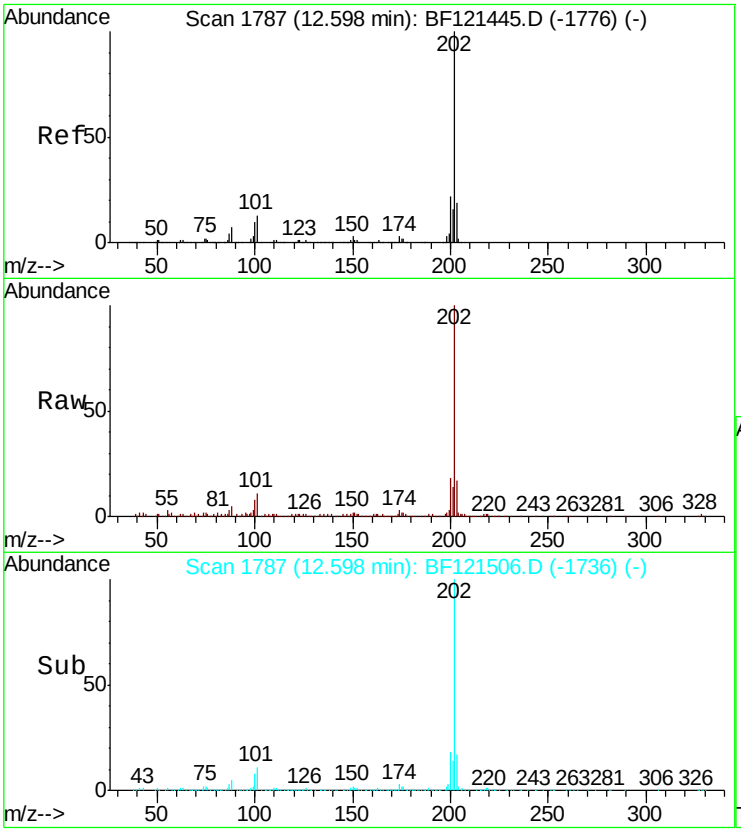


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:188 Resp: 889742

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.3	12.5
80	10.2	8.6	13.0

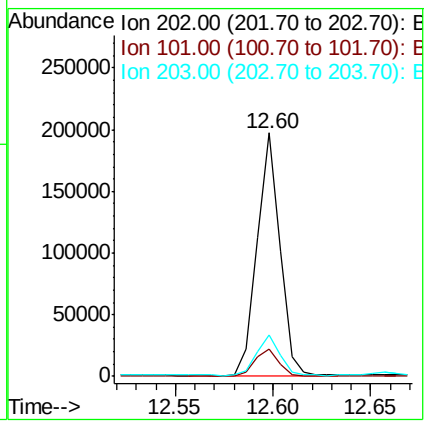




#75
Fluoranthene
Concen: 3.250 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:202 Resp: 159939

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.3
203	16.8	0.0	39.1



Instrument :
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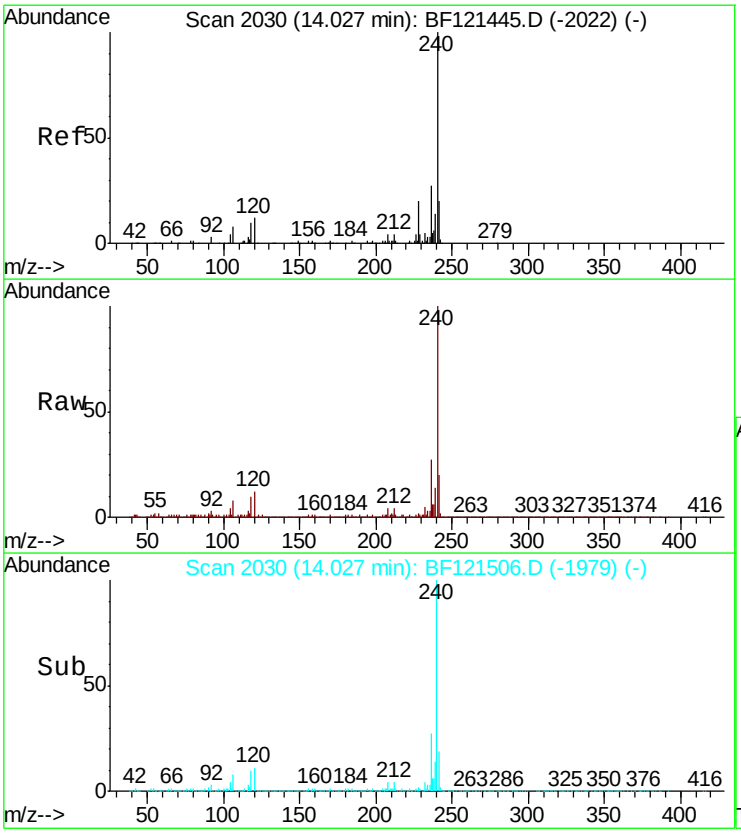
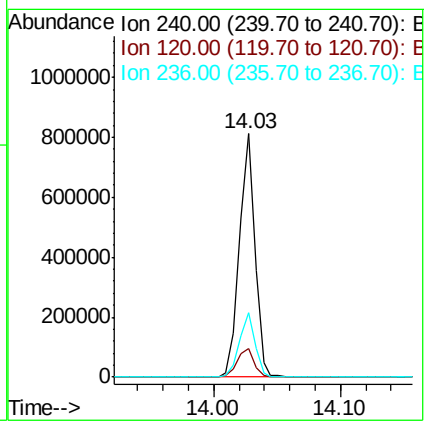
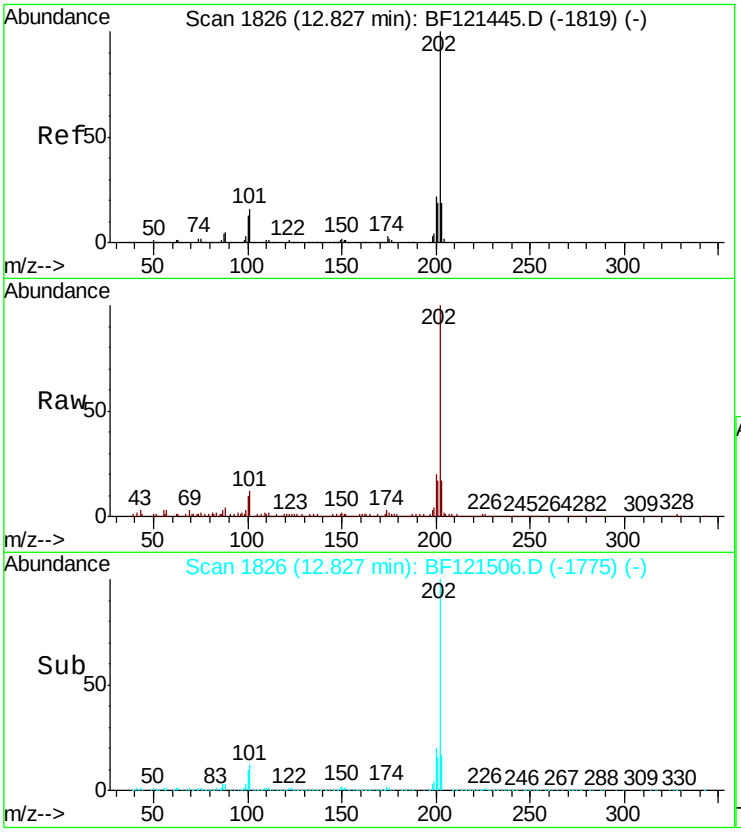


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:240 Resp: 678708

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.6	21.8	32.6

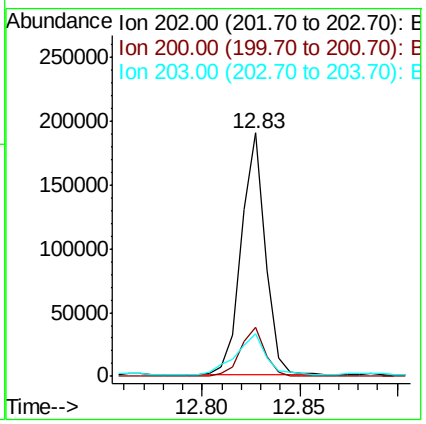




#78
Pyrene
Concen: 3.361 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:202 Resp: 162910

Ion	Ratio	Lower	Upper
202	100		
200	20.1	18.0	27.0
203	17.5	15.3	22.9



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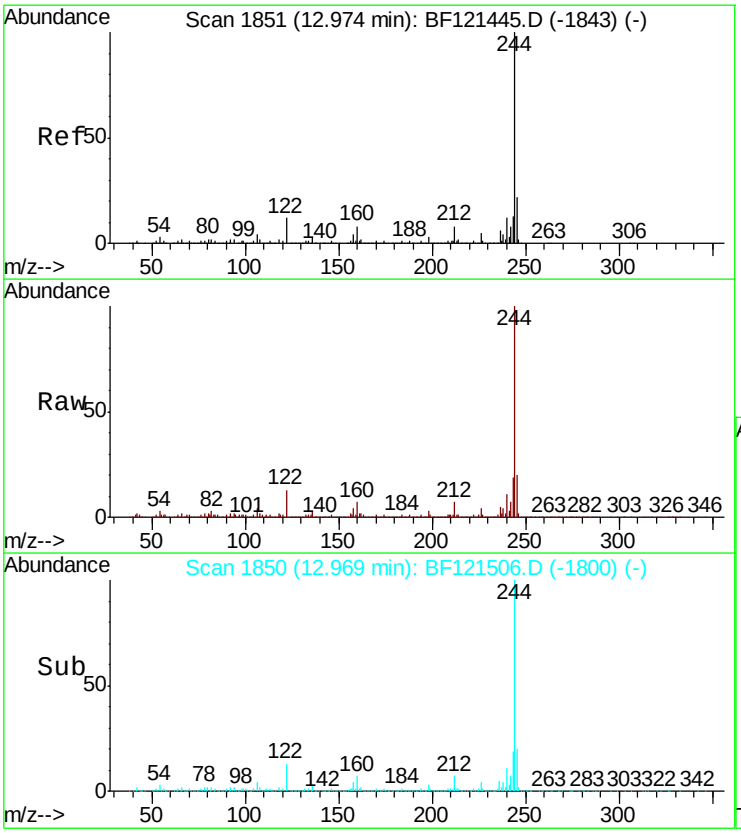
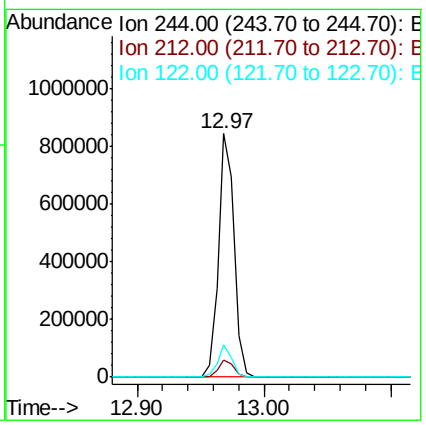
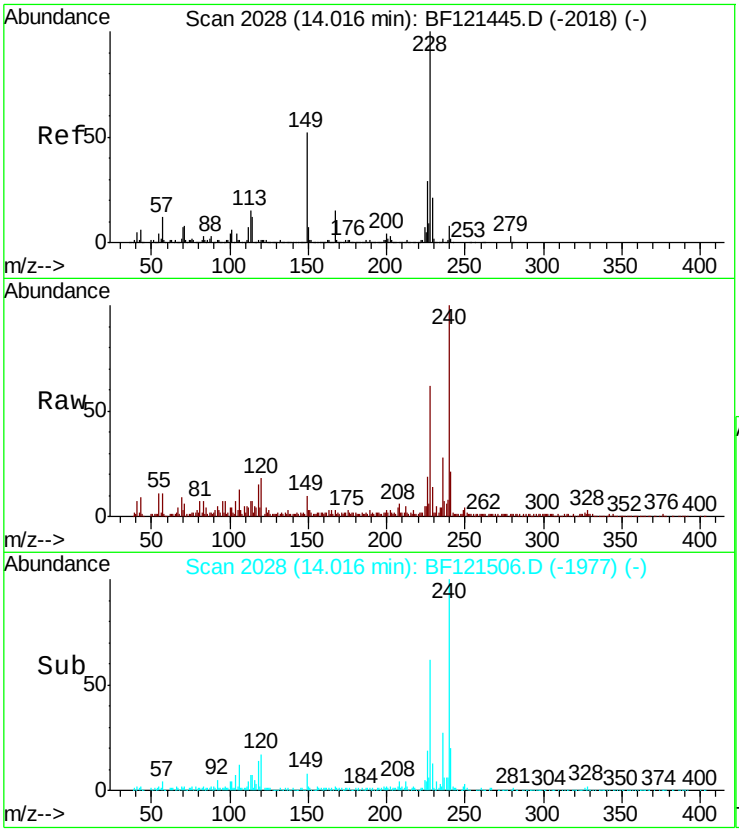


#79
Terphenyl-d14
Concen: 22.570 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:244 Resp: 727726

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	13.1	9.5	14.3

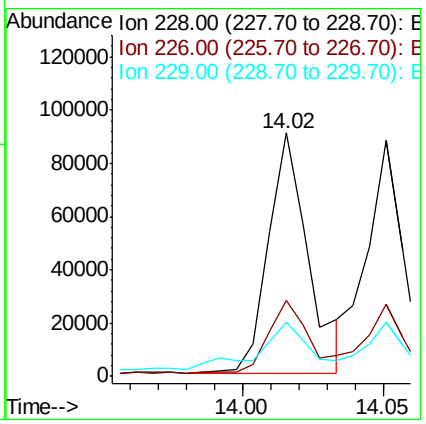




#81
Benzo(a)anthracene
Concen: 2.124 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:228 Resp: 88020

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.0	34.4
229	22.0	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-C

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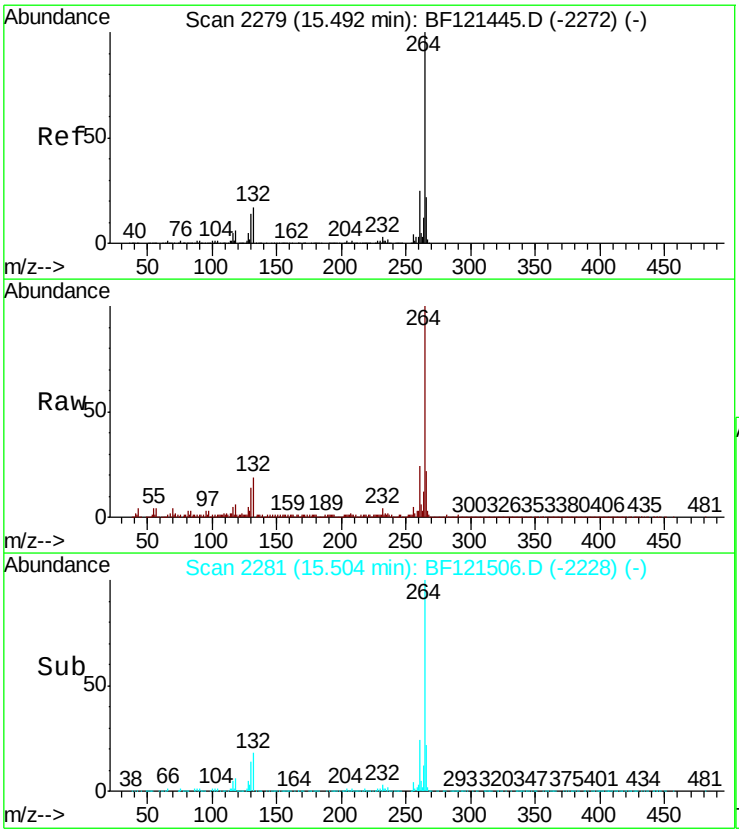
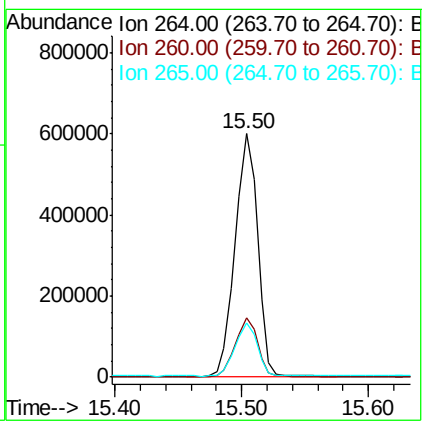
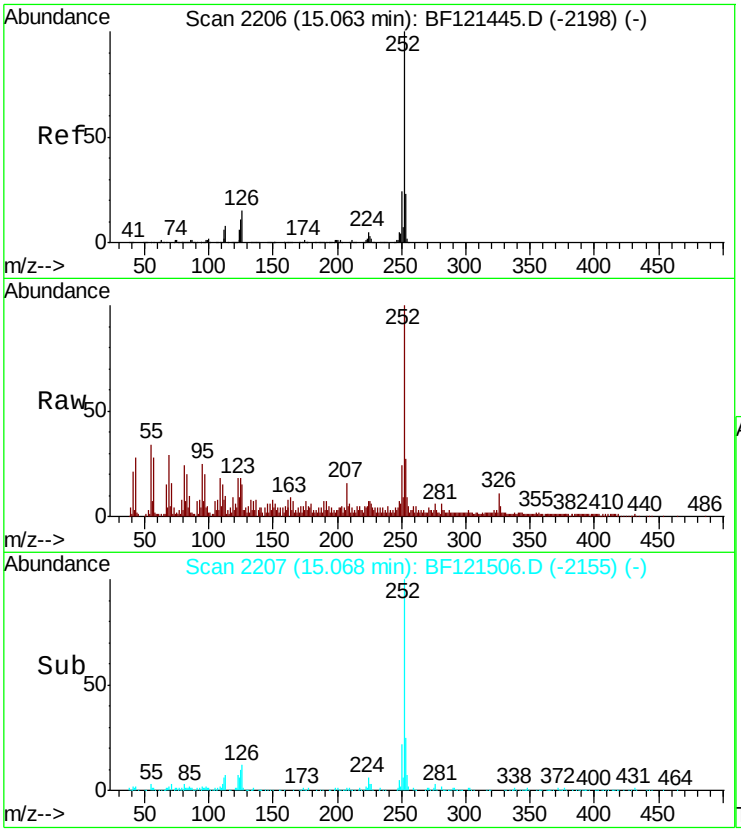


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:264 Resp: 732640

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.2	17.8	26.6

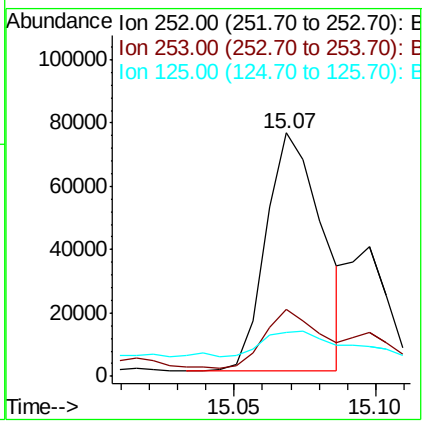




#88
Benzo(b)fluoranthene
Concen: 2.158 ng m
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF121506.D
Acq: 1 Sep 2020 20:10

Tgt Ion:252 Resp: 102856

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.3	27.5
125	18.3	9.2	13.8#



Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-03-C

Manual Integrations APPROVED
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