Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121567.D
Acq On : 14 Sep 2020 18:35
Operator : JU/CG
Sample : L3953-01DL2 100X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N2930SDL2

Quant Time: Sep 15 01:03:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	209834	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	825298	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	429375	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	797021	20.00	ng	0.00
76) Chrysene-d12	13.99	240	593256	20.00	ng	0.00
86) Perylene-d12	15.44	264	460674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	5637	0.40	ng	0.02
7) Phenol-d6	6.49	99	4162	0.22	ng	0.02
23) Nitrobenzene-d5	7.39	82	12127	0.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	5131	0.96	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	28222	1.00	ng	0.00
79) Terphenyl-d14	12.93	244	30298	1.03	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.14	128	1691388	38.823	ng	99
37) 2-Methylnaphthalene	8.83	142	140637	4.926	ng	98
38) 1-Methylnaphthalene	8.93	142	176212	6.632	ng	97

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

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Instrument :
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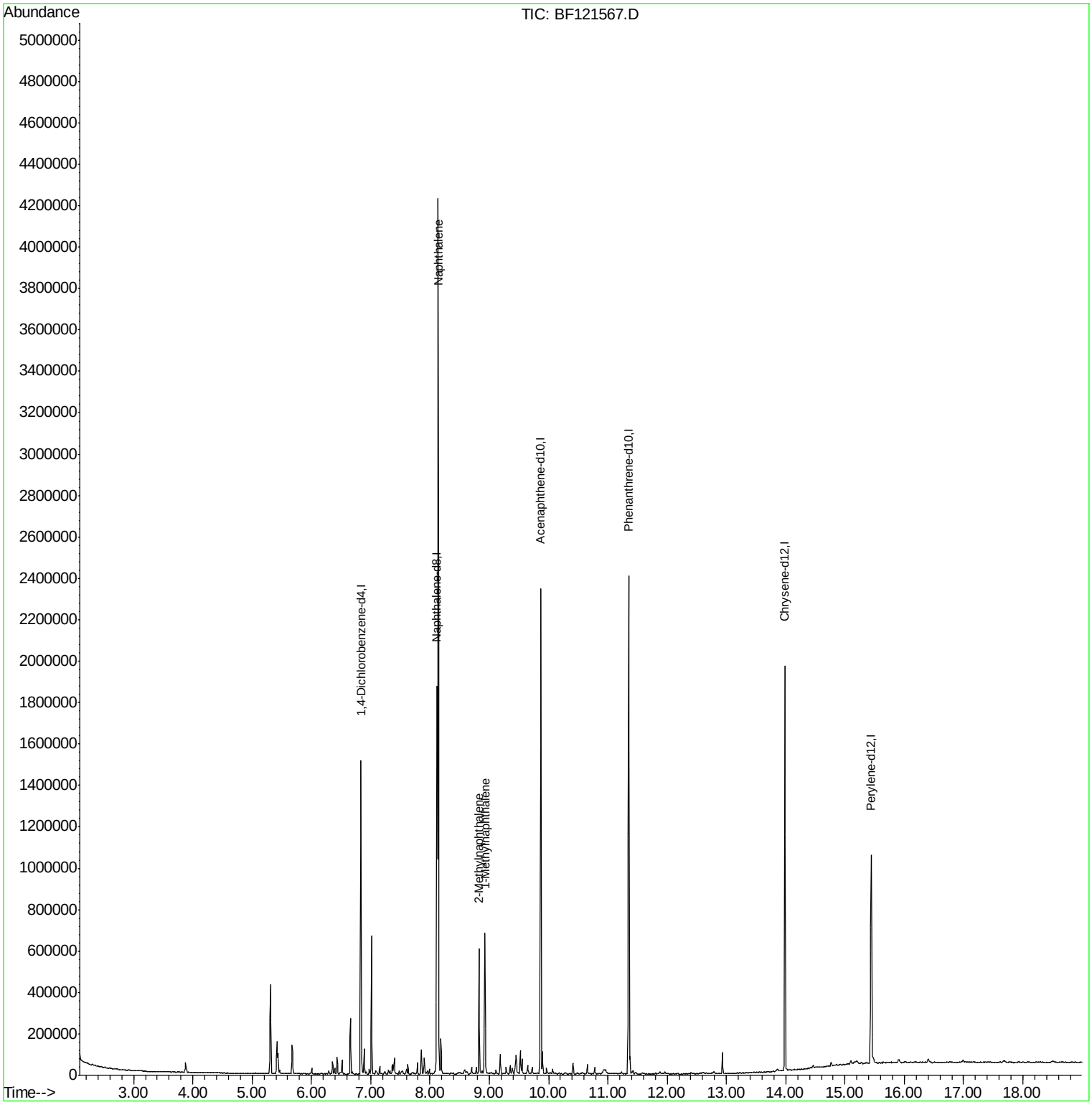
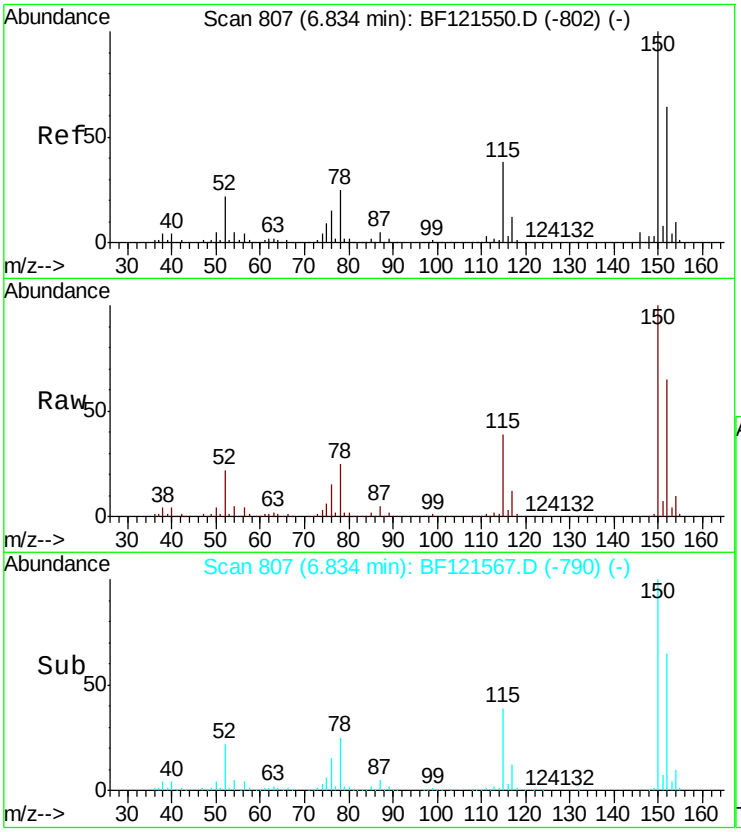
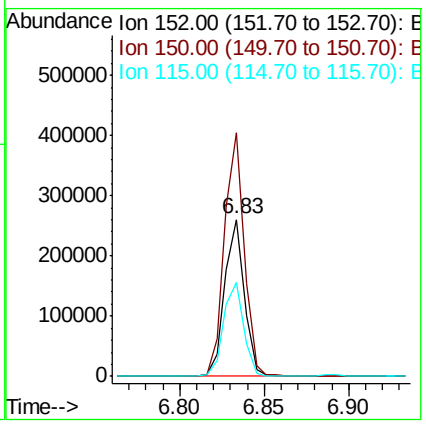




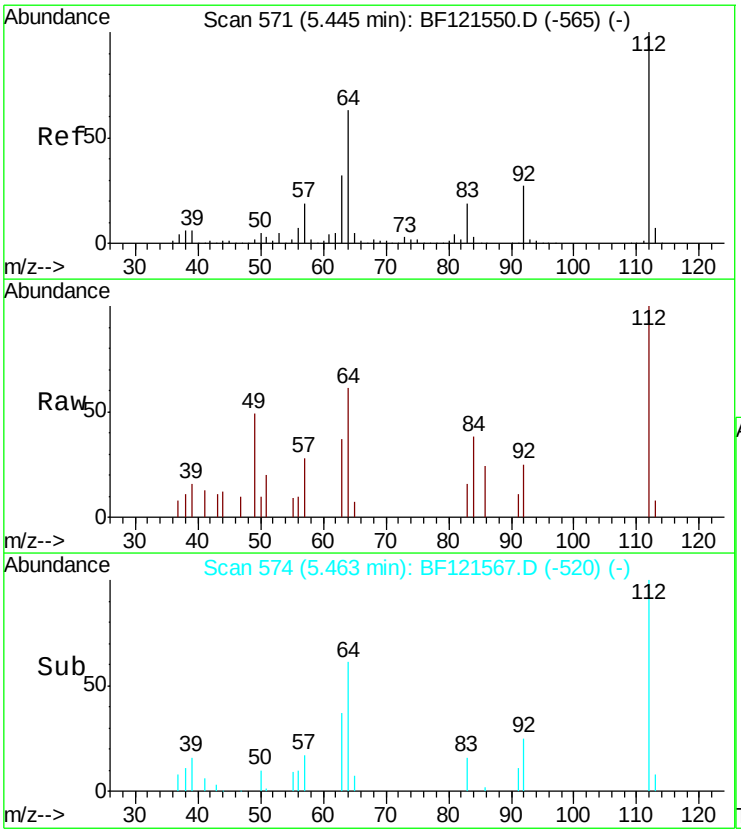
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Tgt Ion:152 Resp: 209834

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.8	188.6
115	59.9	47.8	71.8



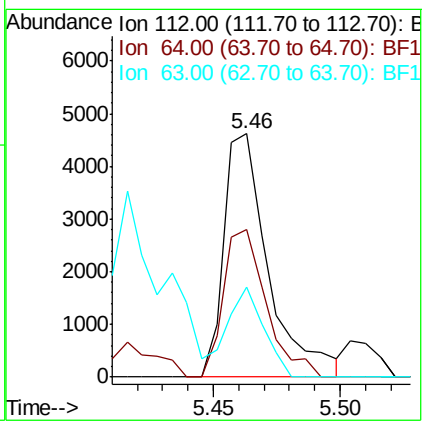
Instrument :
BNA_F
ClientSampleId :
N2930SDL2

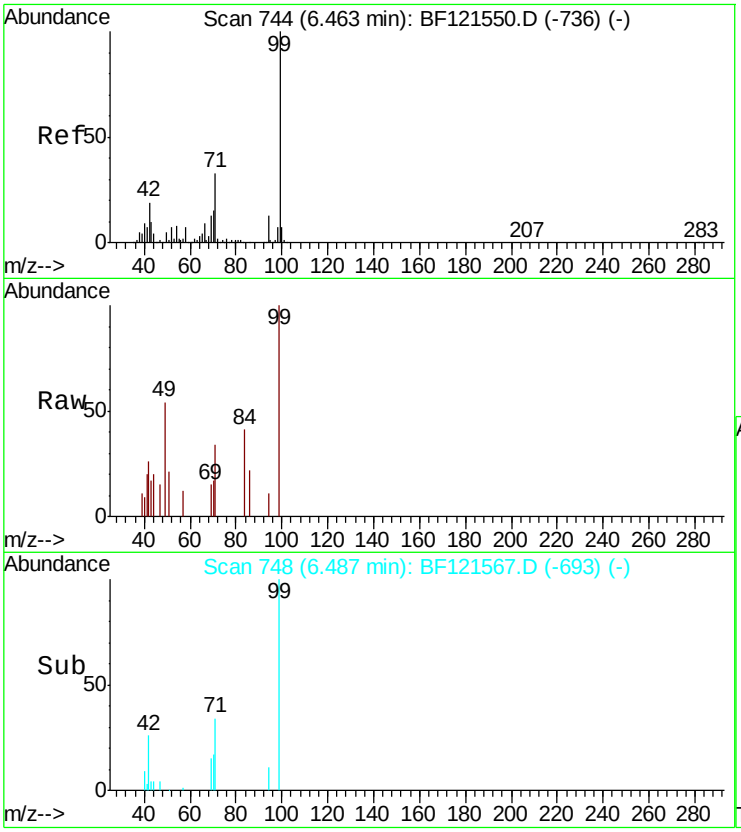


#5
2-Fluorophenol
Concen: 0.399 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Tgt Ion:112 Resp: 5637

Ion	Ratio	Lower	Upper
112	100		
64	60.8	50.3	75.5
63	37.0	25.6	38.4



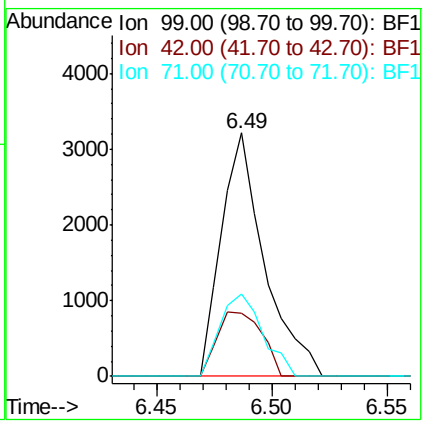


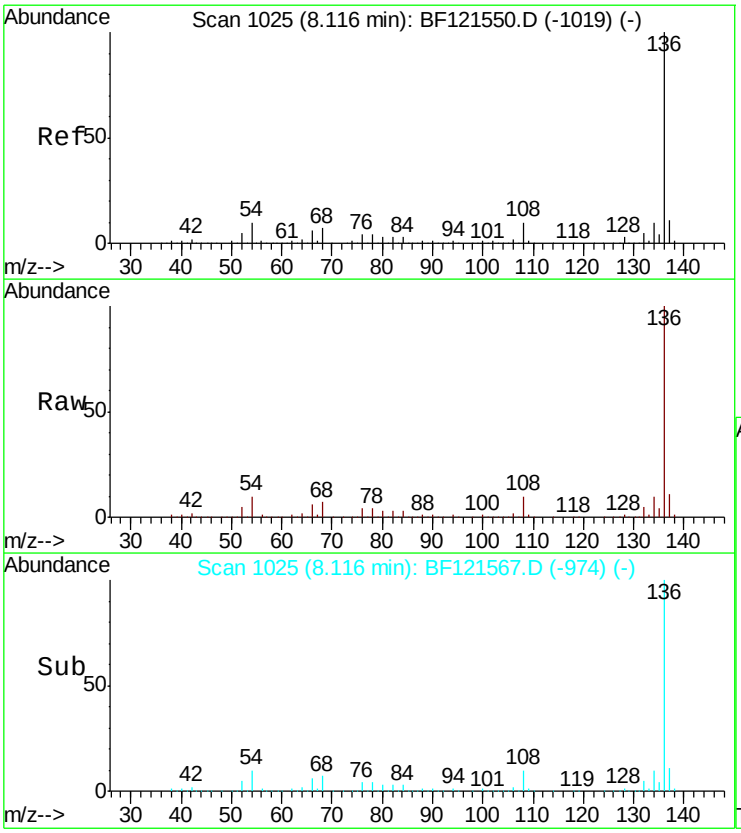
#7
Phenol-d6
Concen: 0.225 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.02 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Instrument :
BNA_F
ClientSampleId :
N2930SDL2

Tgt Ion: 99 Resp: 4162

Ion	Ratio	Lower	Upper
99	100		
42	25.8	15.5	23.3#
71	34.0	26.1	39.1

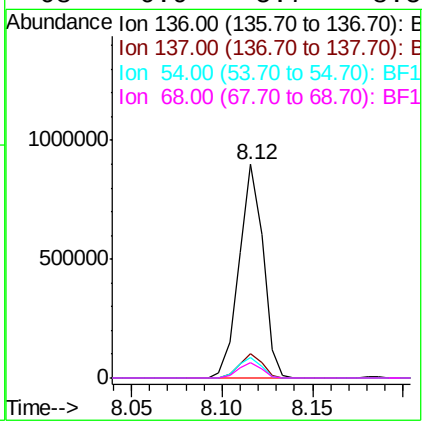


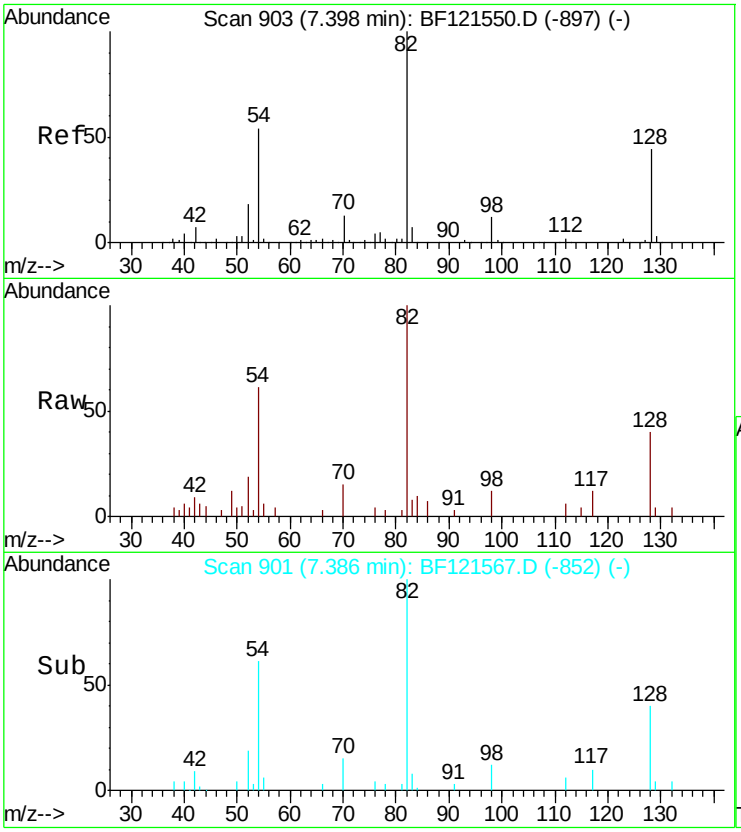


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Tgt Ion:136 Resp: 825298

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.5	7.6	11.4
68	6.9	5.7	8.5



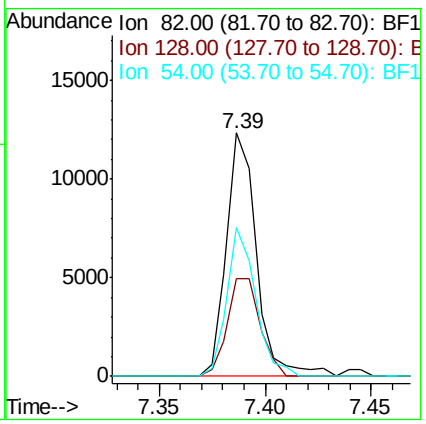


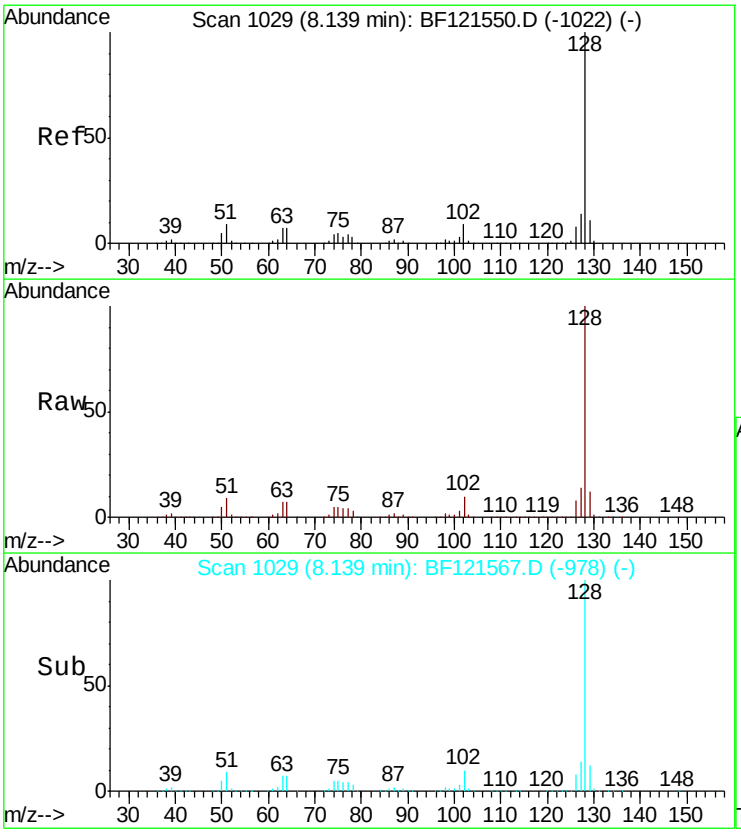
#23
Nitrobenzene-d5
Concen: 0.789 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Instrument :
BNA_F
ClientSampleId :
N2930SDL2

Tgt Ion: 82 Resp: 12127

Ion	Ratio	Lower	Upper
82	100		
128	40.0	35.1	52.7
54	61.1	43.0	64.6

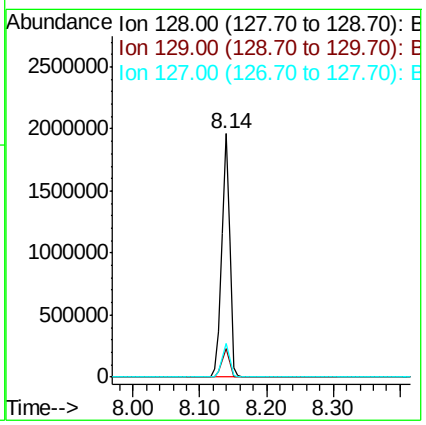


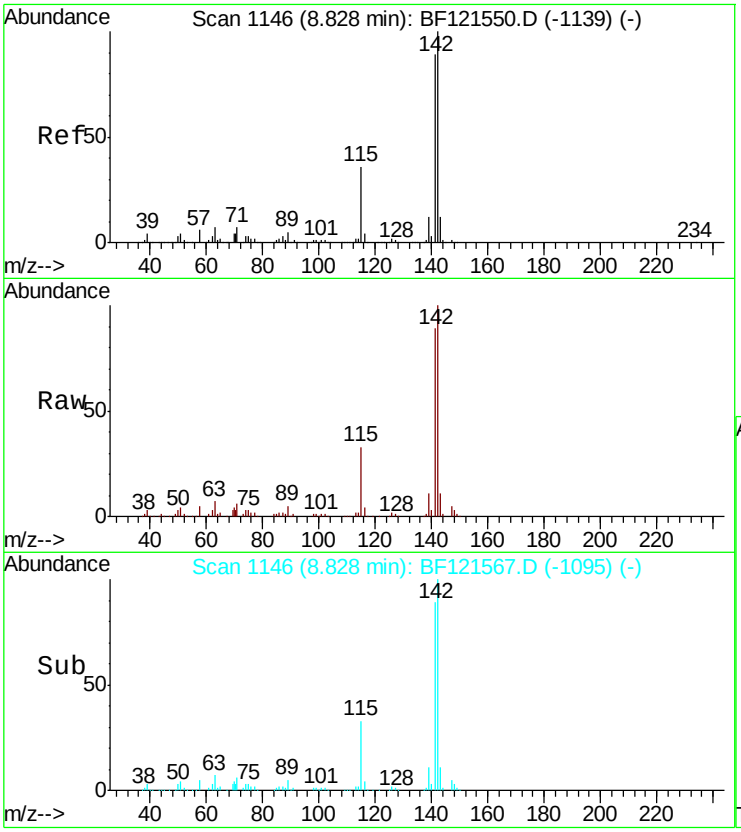


#31
Naphthalene
Concen: 38.823 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Tgt Ion:128 Resp: 1691388

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	14.0	11.0	16.6



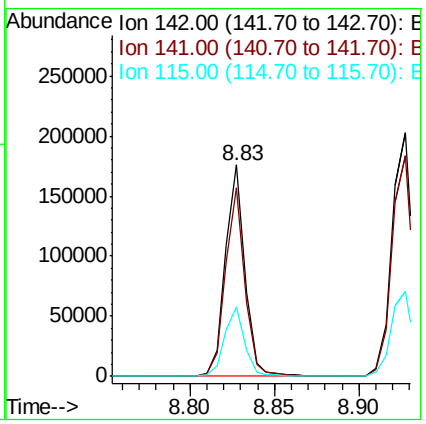


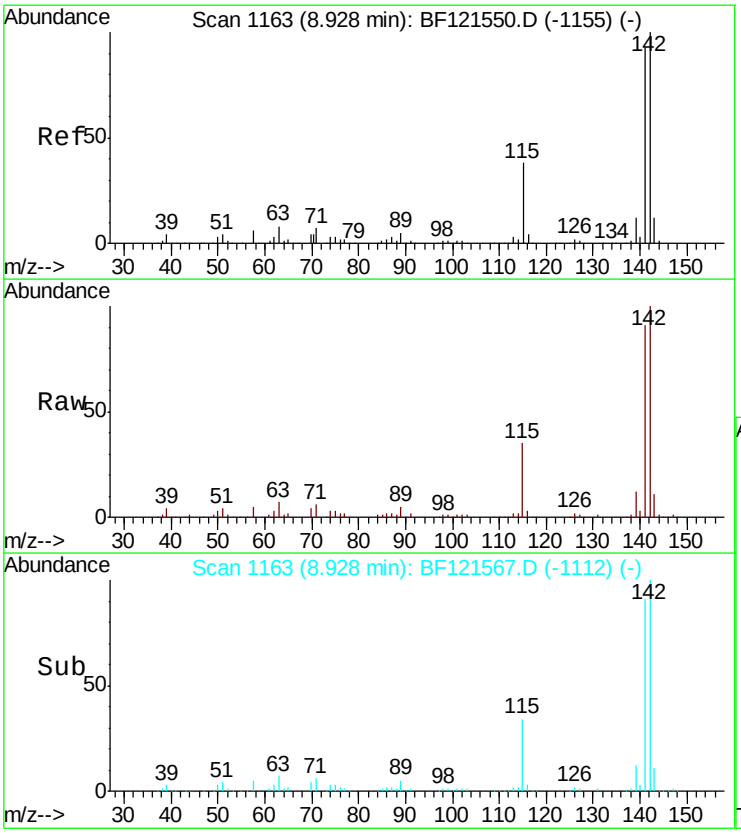
#37
2-Methylnaphthalene
Concen: 4.926 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Instrument :
BNA_F
ClientSampleId :
N2930SDL2

Tgt Ion:142 Resp: 140637

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.5	107.3
115	33.1	28.7	43.1

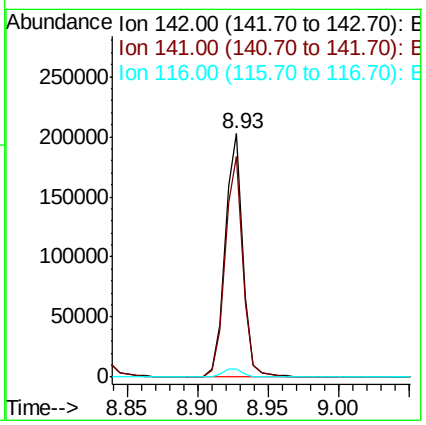


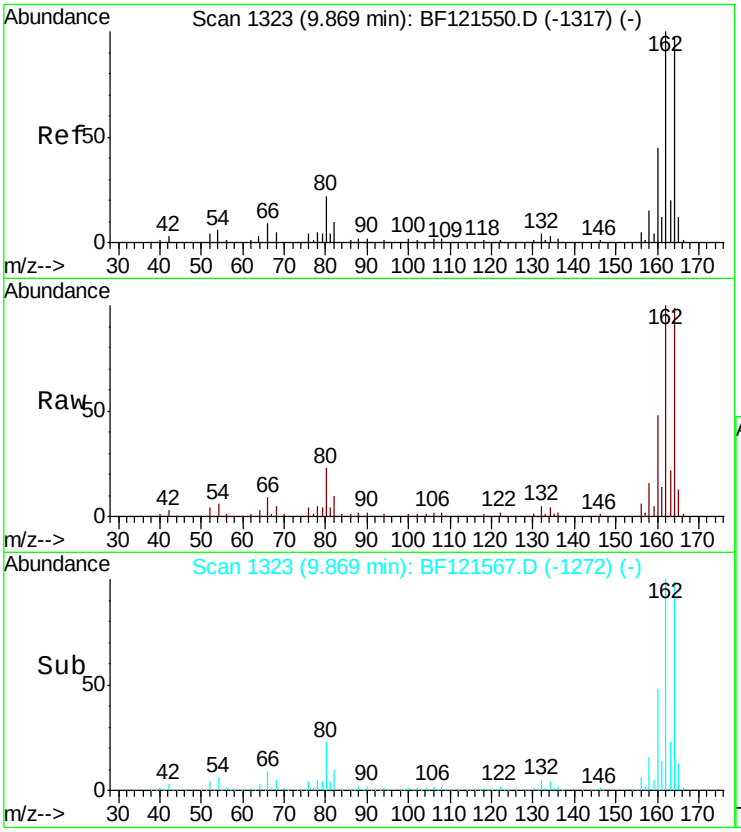


#38
1-Methylnaphthalene
Concen: 6.632 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Tgt Ion:142 Resp: 176212

Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.8	112.2
116	3.5	3.0	4.6



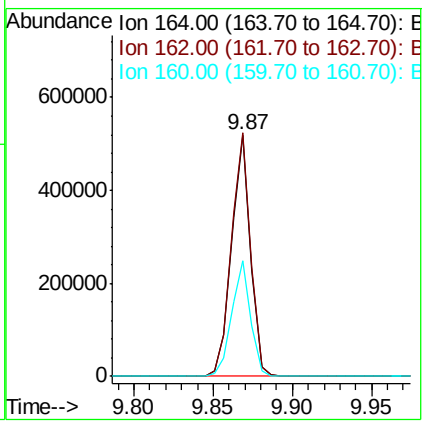


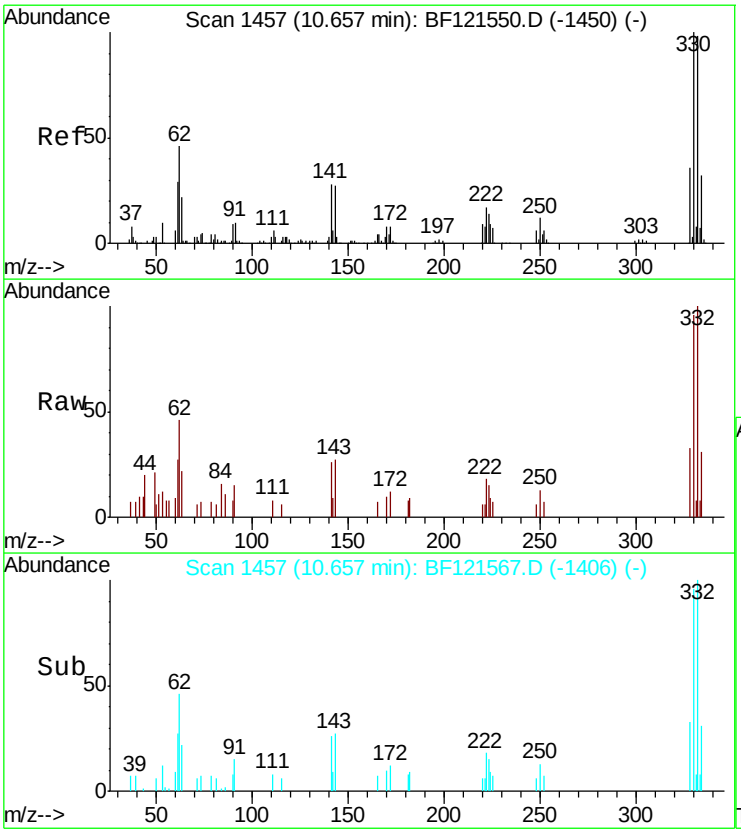
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Instrument :
BNA_F
ClientSampleId :
N2930SDL2

Tgt Ion:164 Resp: 429375

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.3	123.5
160	48.1	37.0	55.4

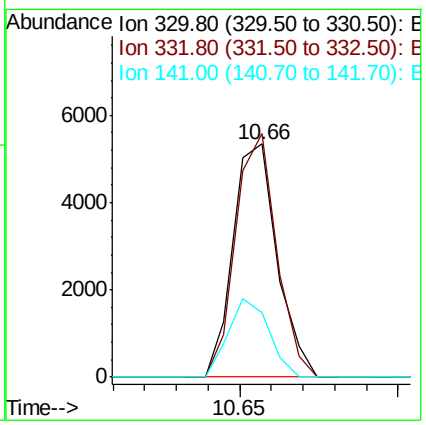


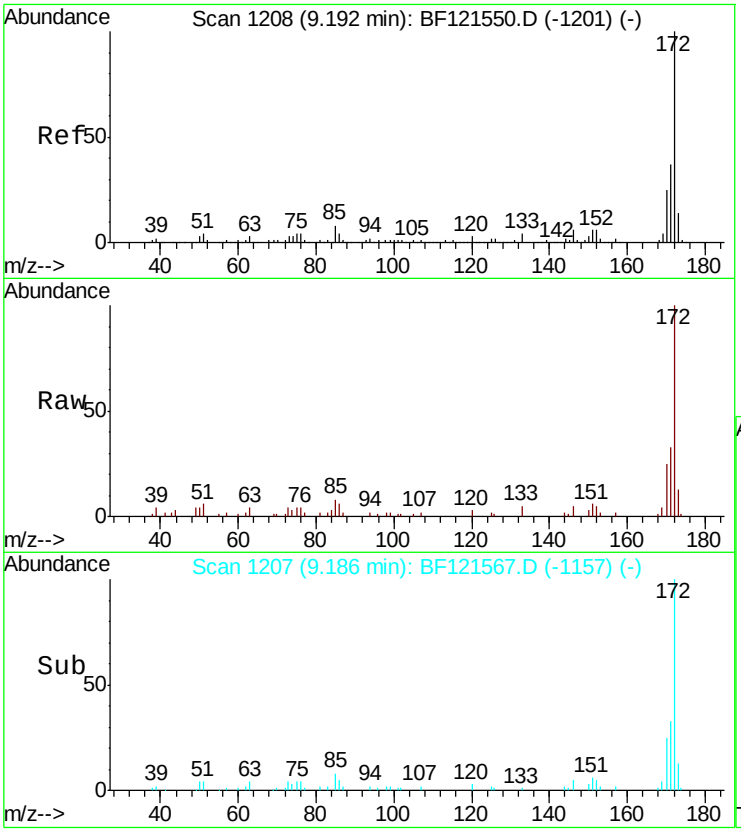


#42
2,4,6-Tribromophenol
Concen: 0.961 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Tgt Ion:330 Resp: 5131

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	30.8	23.6	35.4



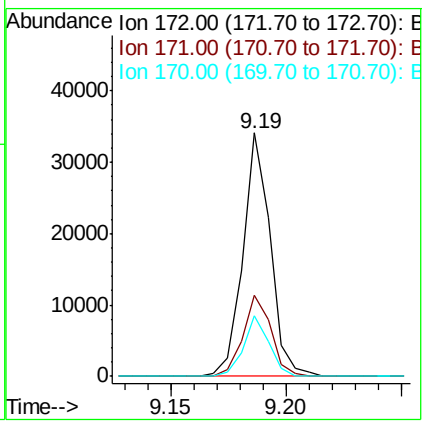


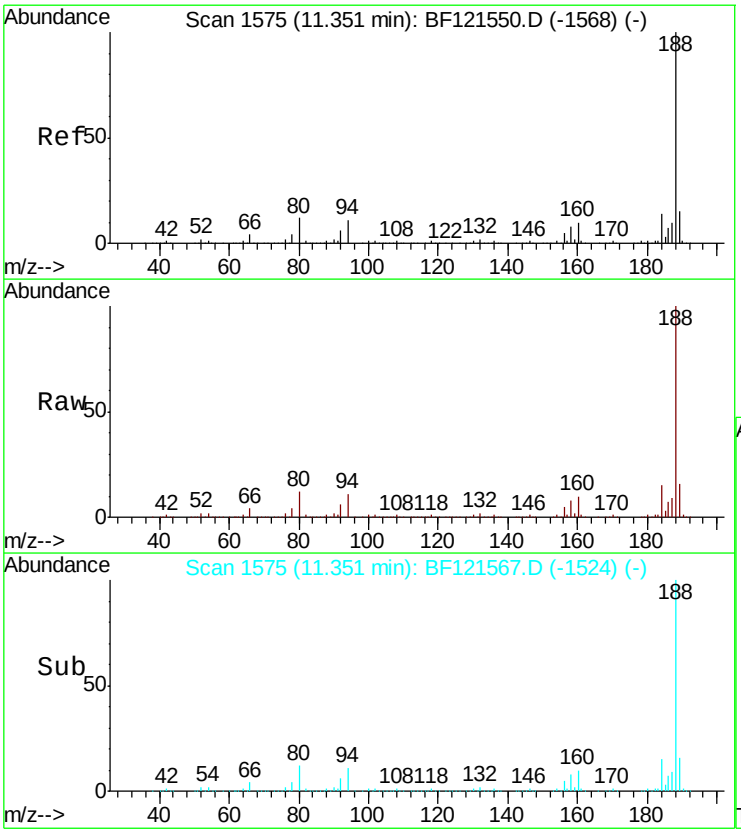
#45
2-Fluorobiphenyl
Concen: 0.995 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Instrument :
BNA_F
ClientSampleId :
N2930SDL2

Tgt Ion:172 Resp: 28222

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.8	44.6
170	24.9	19.8	29.8

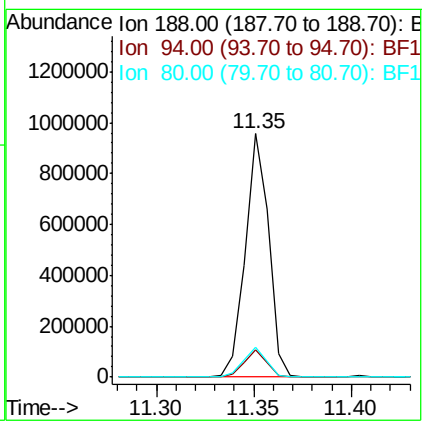


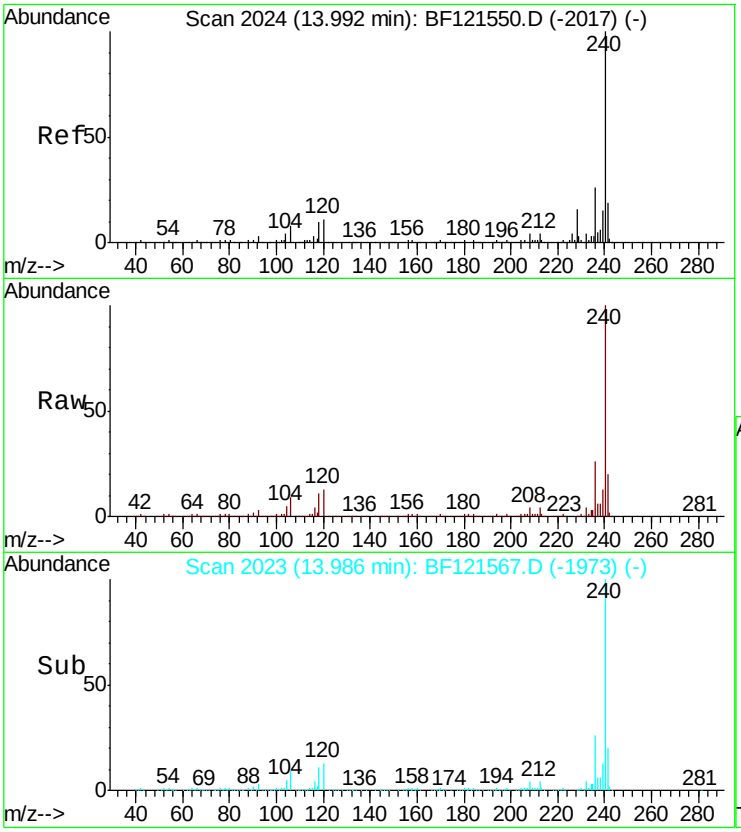


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Tgt Ion:188 Resp: 797021

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.7	13.1
80	12.5	9.3	13.9



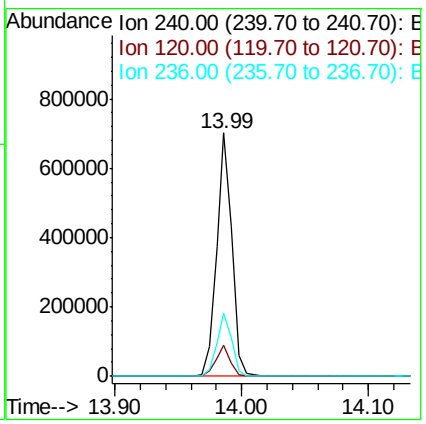


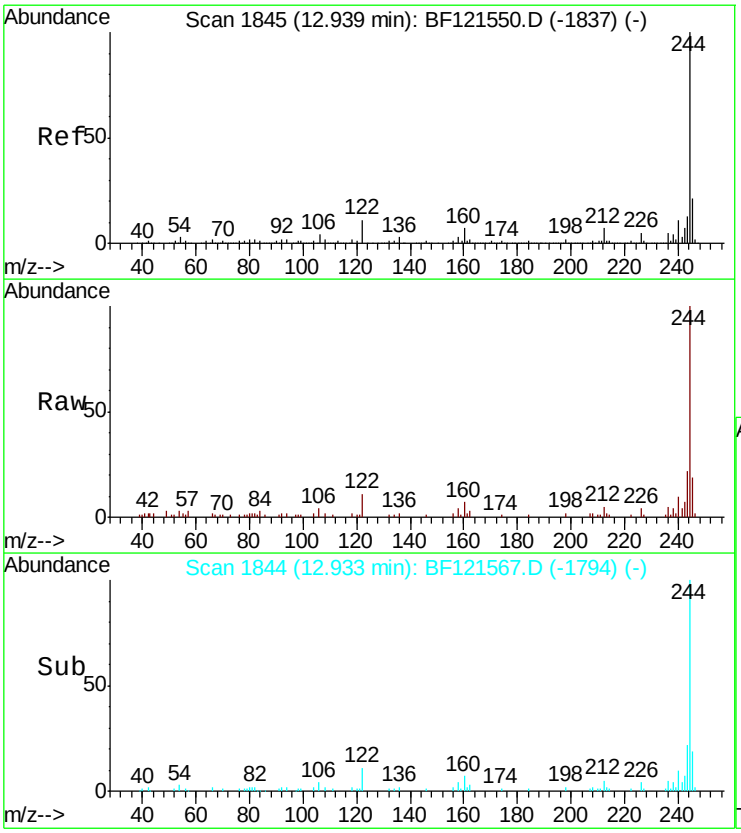
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Instrument :
BNA_F
ClientSampleId :
N2930SDL2

Tgt Ion:240 Resp: 593256

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.2	13.8
236	26.1	20.5	30.7

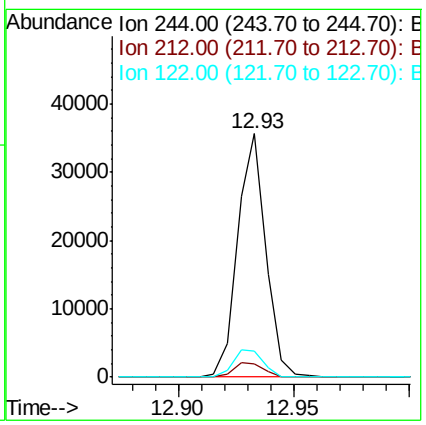


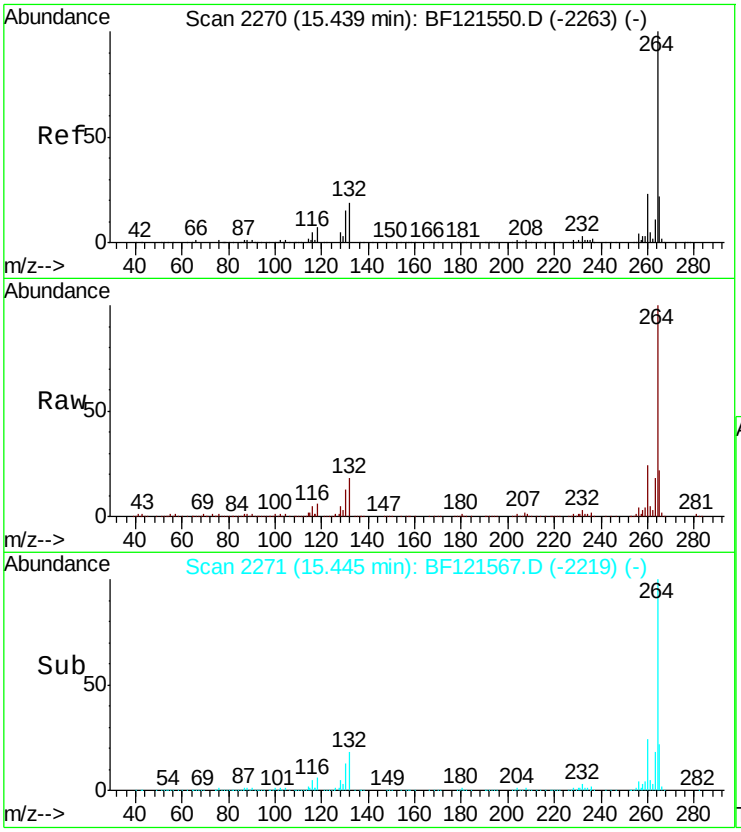


#79
Terphenyl-d14
Concen: 1.035 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Tgt Ion:244 Resp: 30298

Ion	Ratio	Lower	Upper
244	100		
212	5.4	5.7	8.5#
122	10.6	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF121567.D
Acq: 14 Sep 2020 18:35

Instrument :
BNA_F
ClientSampleId :
N2930SDL2

Tgt Ion:264 Resp: 460674

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.5	17.8	26.6