Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122522.D
Acq On : 1 Dec 2020 15:07
Operator : JU/CG
Sample : L4906-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-DRUM

Quant Time: Dec 01 16:02:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	187342	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	723185	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	381073	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	721614	20.00	ng	0.00
76) Chrysene-d12	14.027	240	652899	20.00	ng	0.00
86) Perylene-d12	15.498	264	565772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	972697	79.72	ng	0.00
7) Phenol-d6	6.486	99	1210753	75.86	ng	-0.01
23) Nitrobenzene-d5	7.416	82	760433	64.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	384319	93.97	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1420508	58.24	ng	0.00
79) Terphenyl-d14	12.974	244	1622057	52.63	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.498	94	34340	2.18	ng	78
50) Dimethylphthalate	9.610	163	186257	6.88	ng	99
71) Phenanthrene	11.410	178	198815	4.86	ng	98
75) Fluoranthene	12.598	202	283362	6.63	ng	97
78) Pyrene	12.827	202	241786	5.27	ng	98
81) Benzo(a)anthracene	14.015	228	101168	2.49	ng	97

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

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Quant Time: Dec 01 16:02:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
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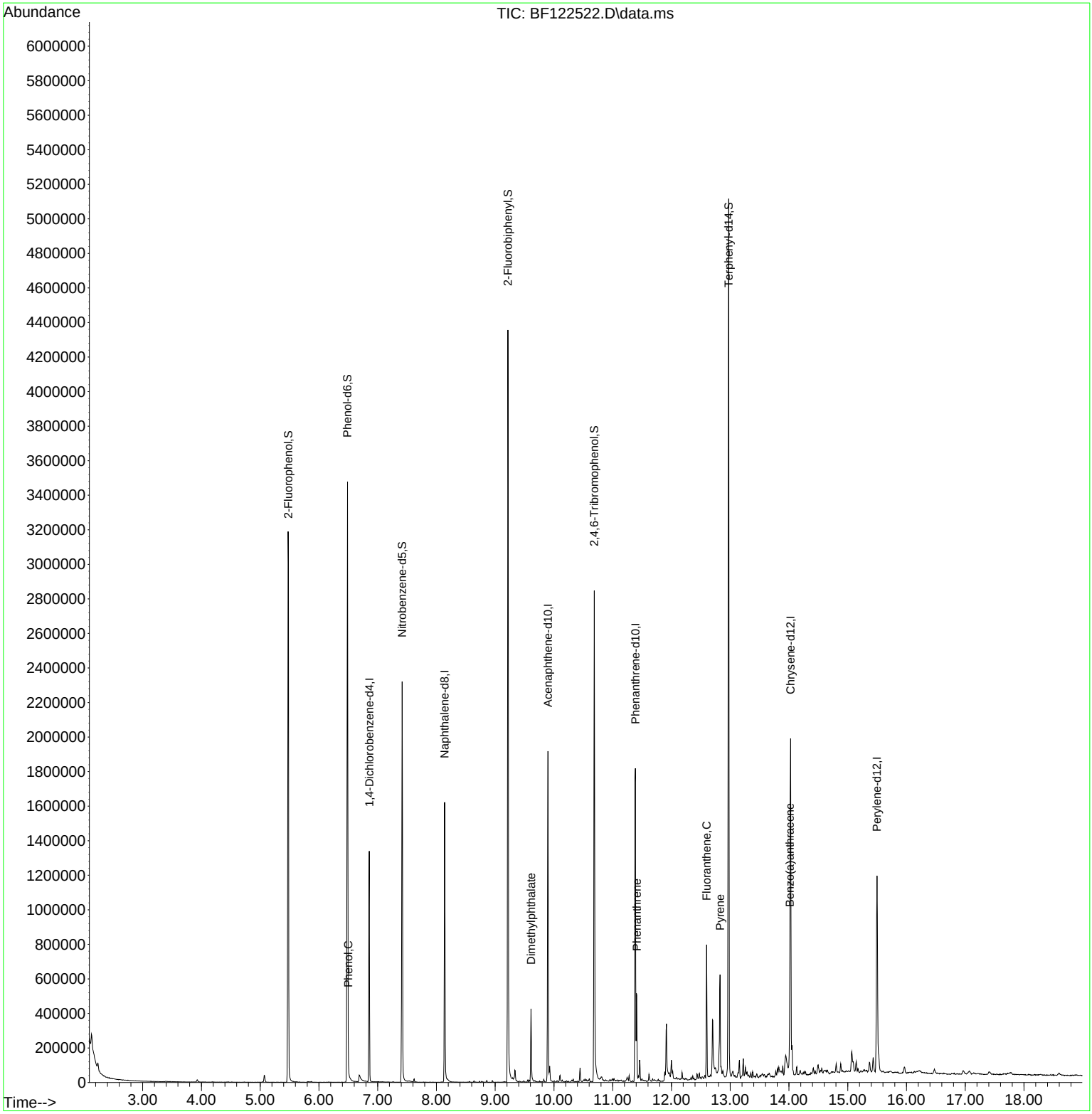
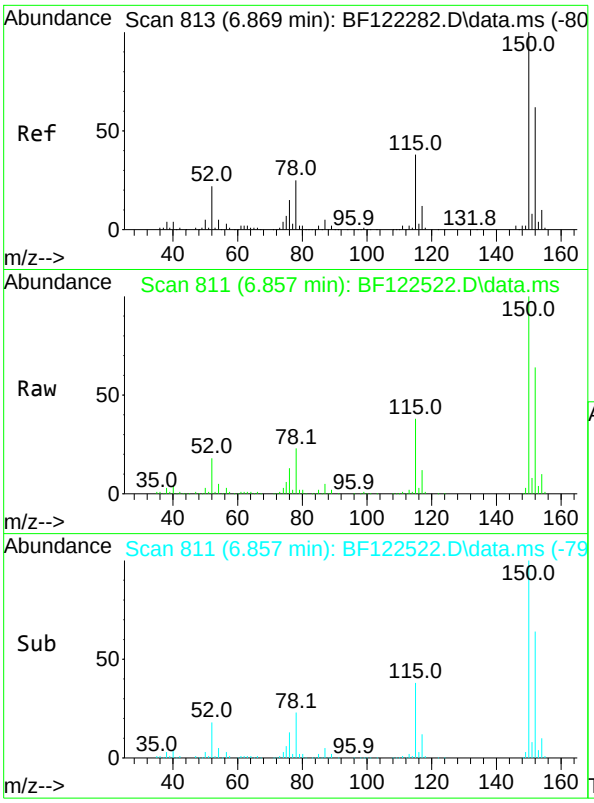
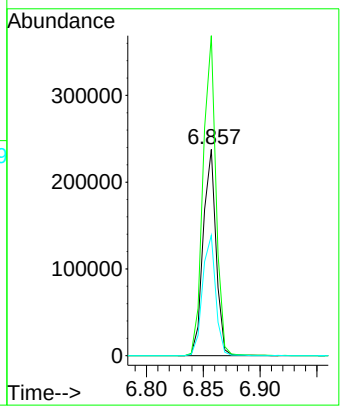




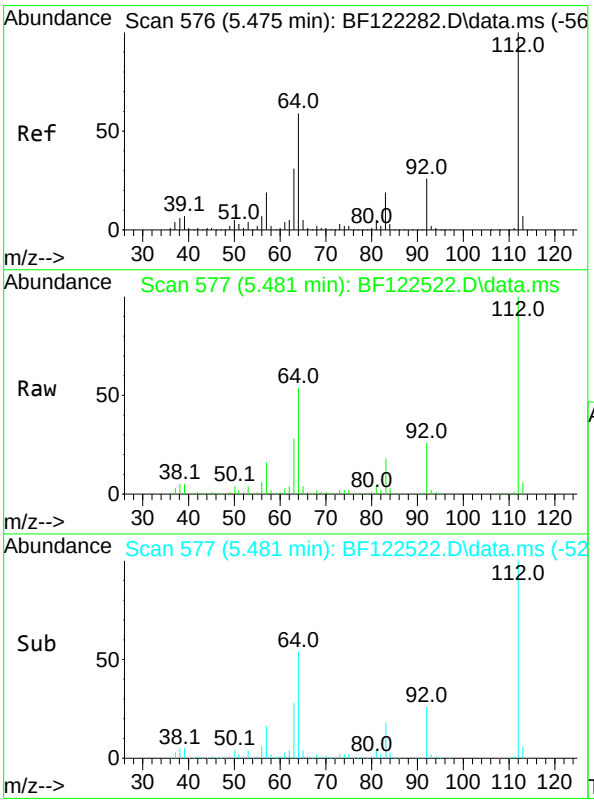
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:152 Resp: 187342

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.3	187.9
115	58.3	51.9	77.9



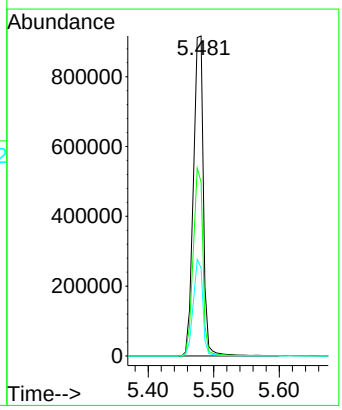
Instrument :
BNA_F
ClientSampleId :
4-DRUM



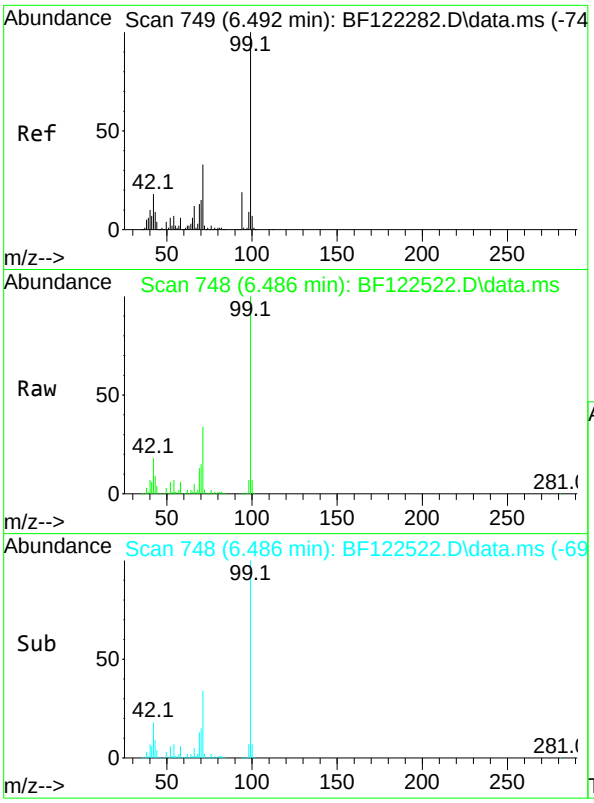
#5
2-Fluorophenol
Concen: 79.72 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:112 Resp: 972697

Ion	Ratio	Lower	Upper
112	100		
64	54.4	50.4	75.6
63	27.5	25.8	38.6



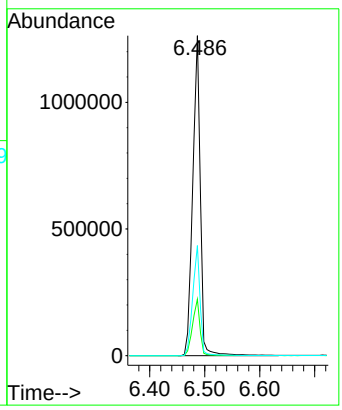
Instrument :
BNA_F
ClientSampleId :
4-DRUM

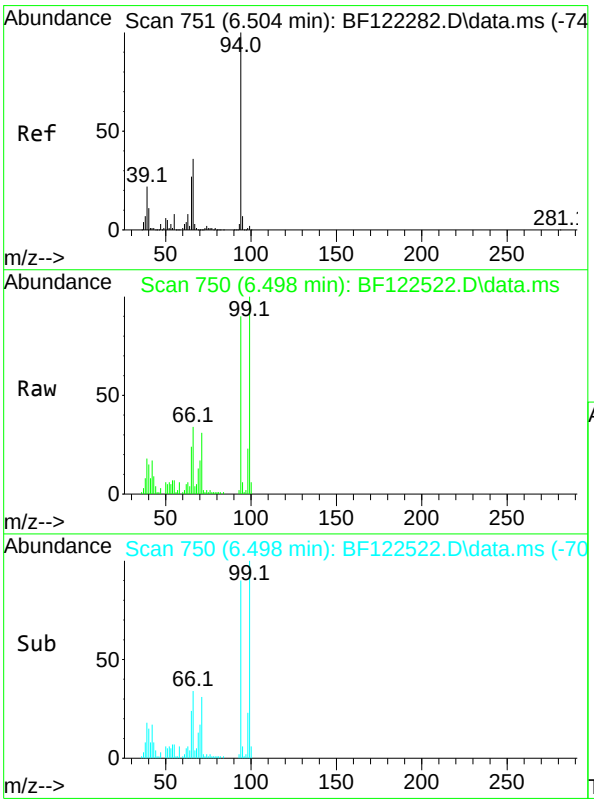


#7
Phenol-d6
Concen: 75.86 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion: 99 Resp: 1210753

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.9	23.9
71	34.4	27.1	40.7

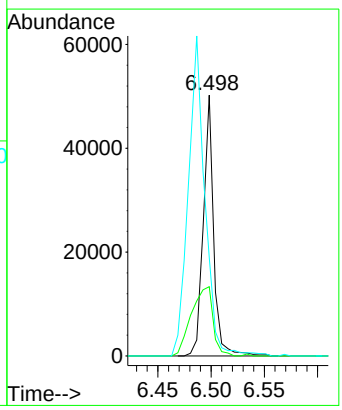




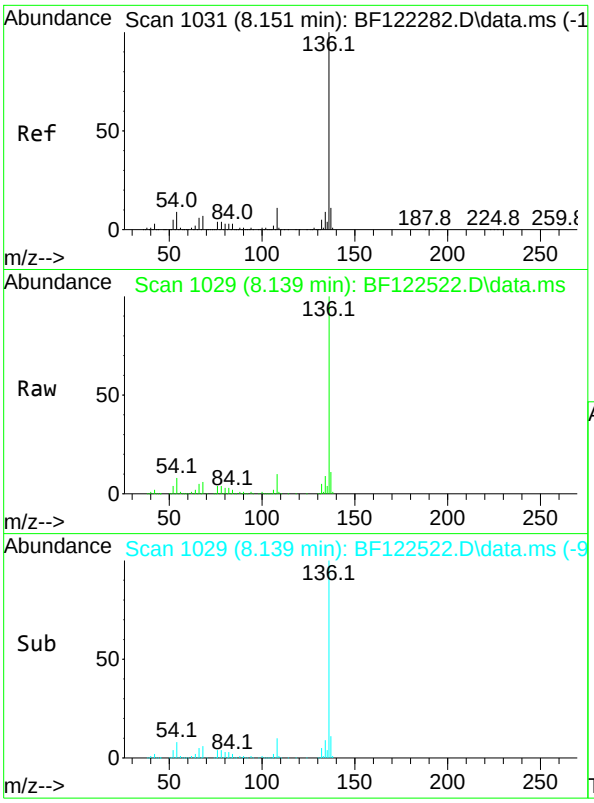
#10
Phenol
Concen: 2.18 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion: 94 Resp: 34340

Ion	Ratio	Lower	Upper
94	100		
65	26.5	17.1	57.1
66	37.8	36.0	76.0



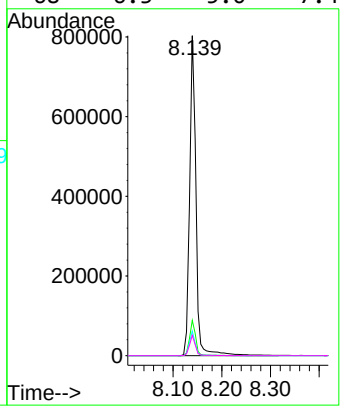
Instrument :
BNA_F
ClientSampleId :
4-DRUM

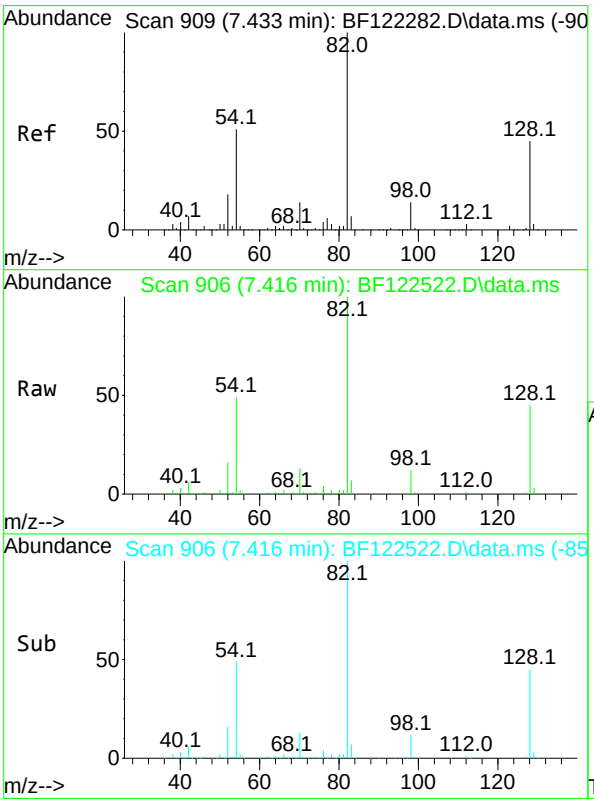


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:136 Resp: 723185

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.7	7.1	10.7
68	6.3	5.0	7.4

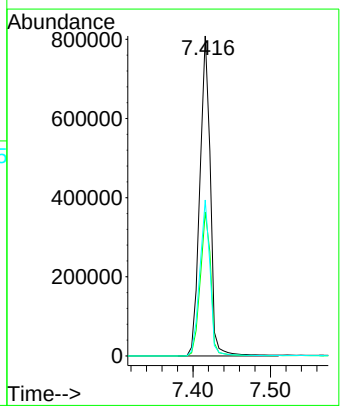




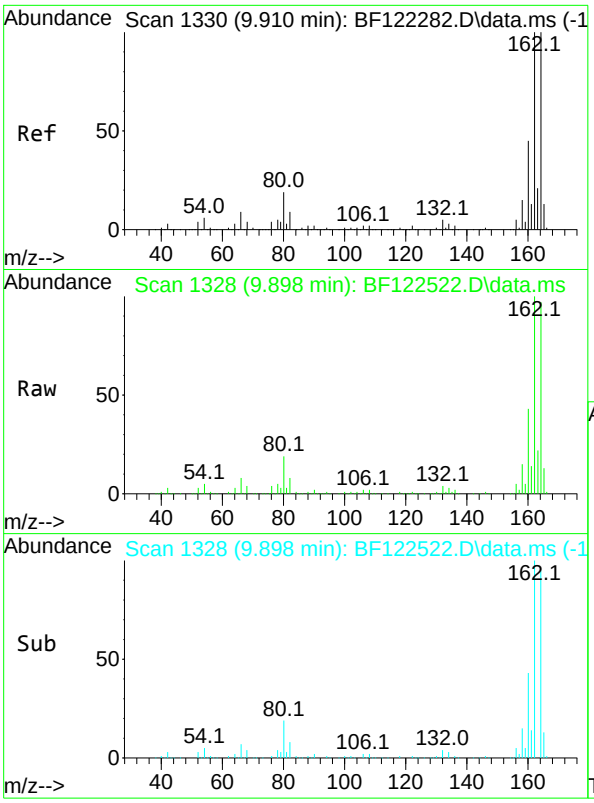
#23
Nitrobenzene-d5
Concen: 64.37 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion: 82 Resp: 760433

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.4
54	48.7	43.9	65.9



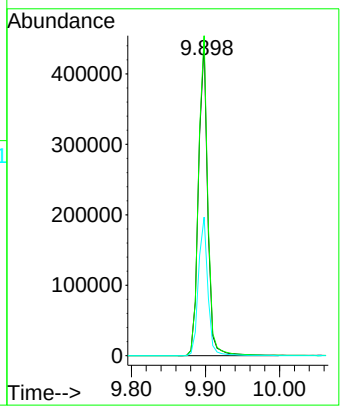
Instrument :
BNA_F
ClientSampleId :
4-DRUM

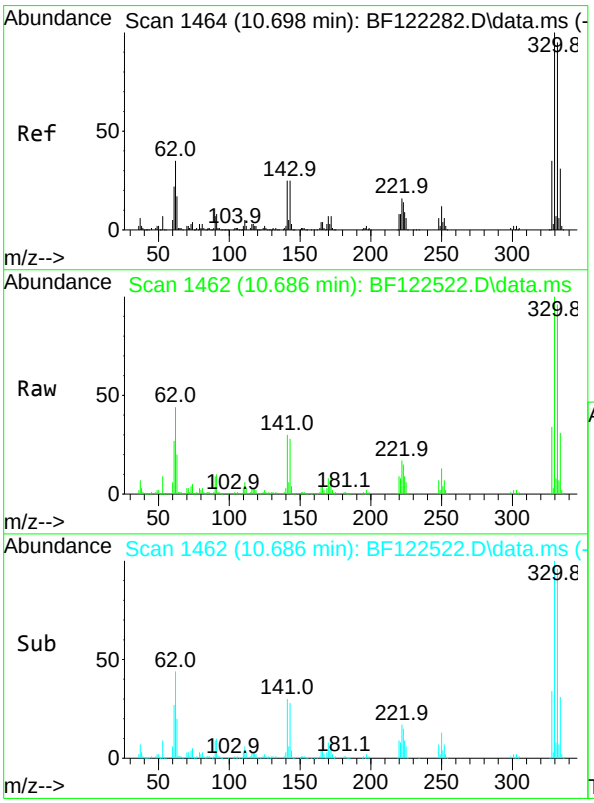


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:164 Resp: 381073

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.2	124.8
160	44.5	37.5	56.3

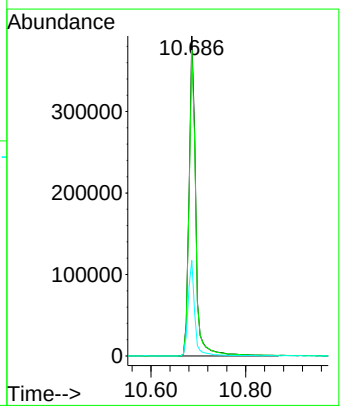




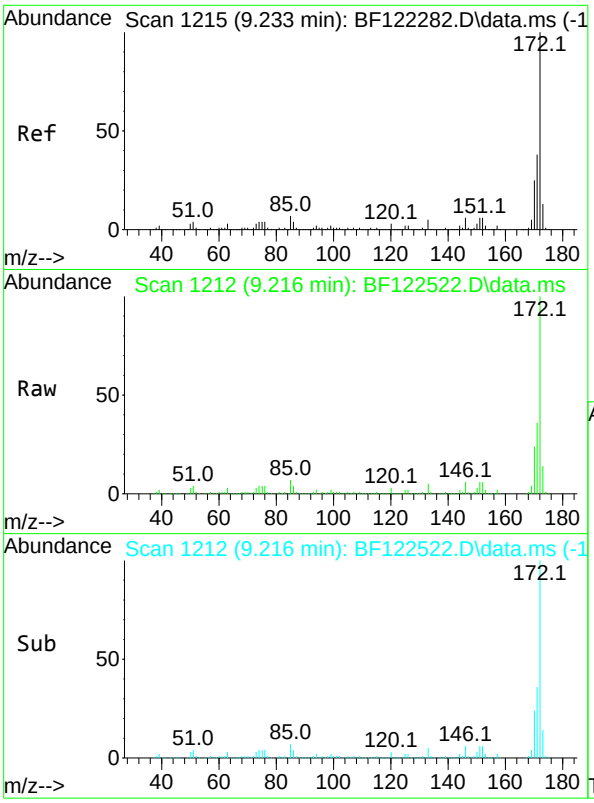
#42
2,4,6-Tribromophenol
Concen: 93.97 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:330 Resp: 384319

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	29.9	22.3	33.5



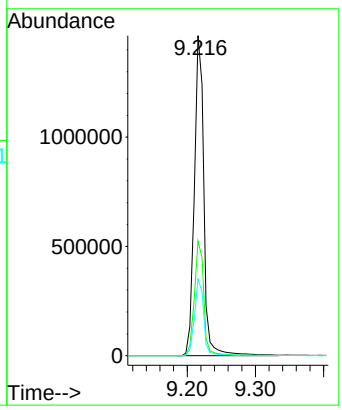
Instrument :
BNA_F
ClientSampleId :
4-DRUM

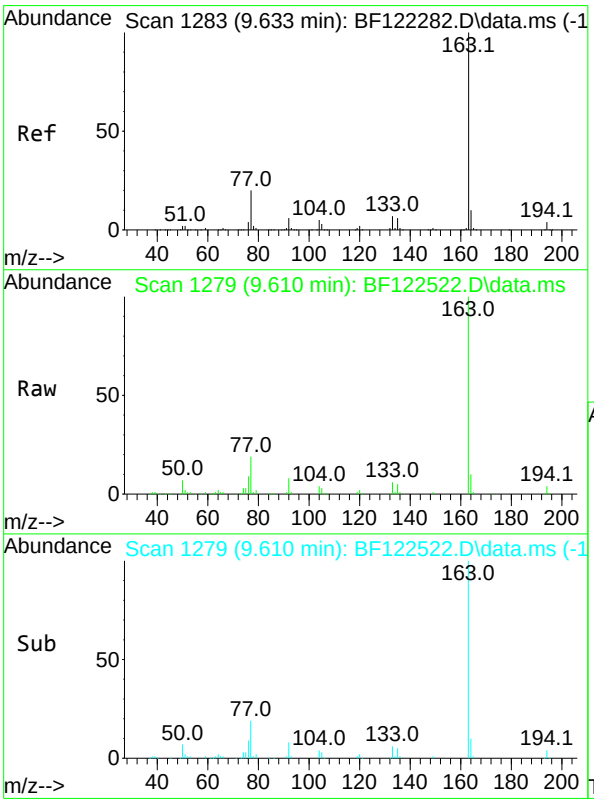


#45
2-Fluorobiphenyl
Concen: 58.24 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:172 Resp: 1420508

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.1	43.7
170	23.9	19.8	29.6

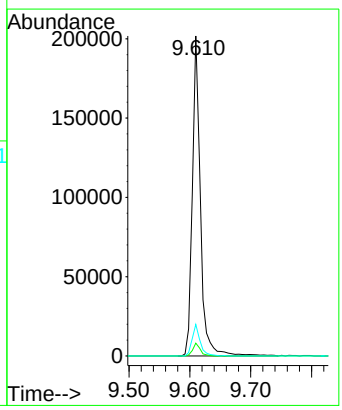




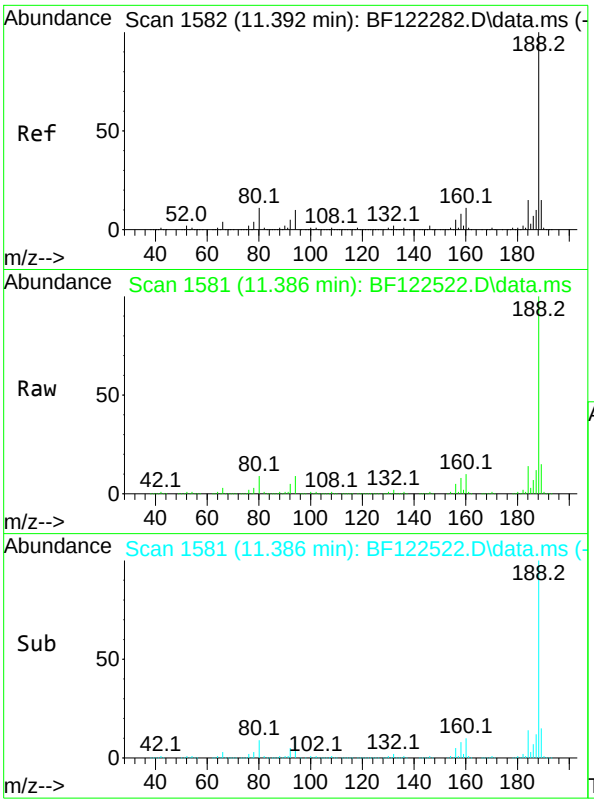
#50
Dimethylphthalate
Concen: 6.88 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:163 Resp: 186257

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.8	8.2	12.4



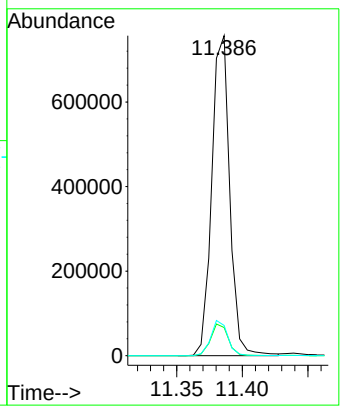
Instrument :
BNA_F
ClientSampleId :
4-DRUM

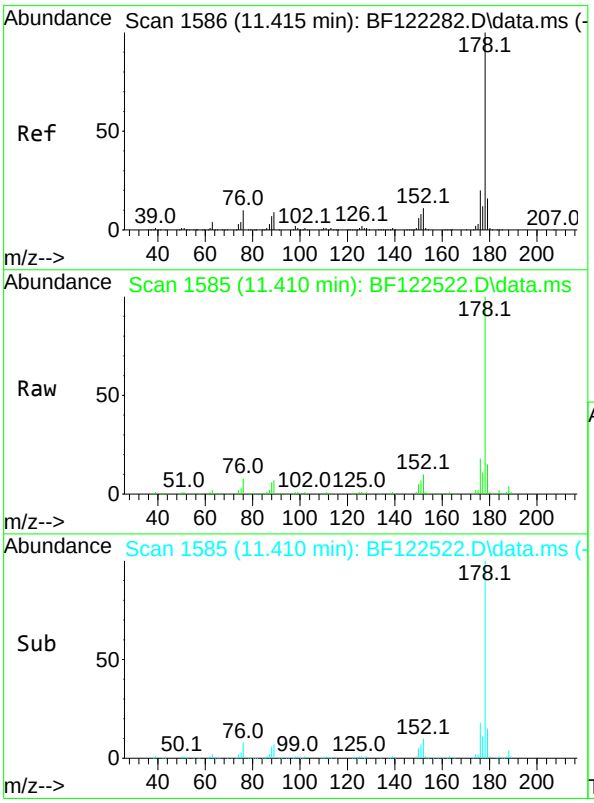


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:188 Resp: 721614

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.3	12.5
80	9.5	9.1	13.7

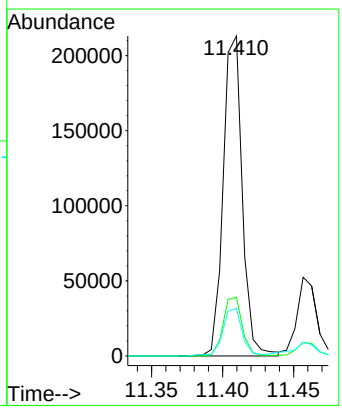




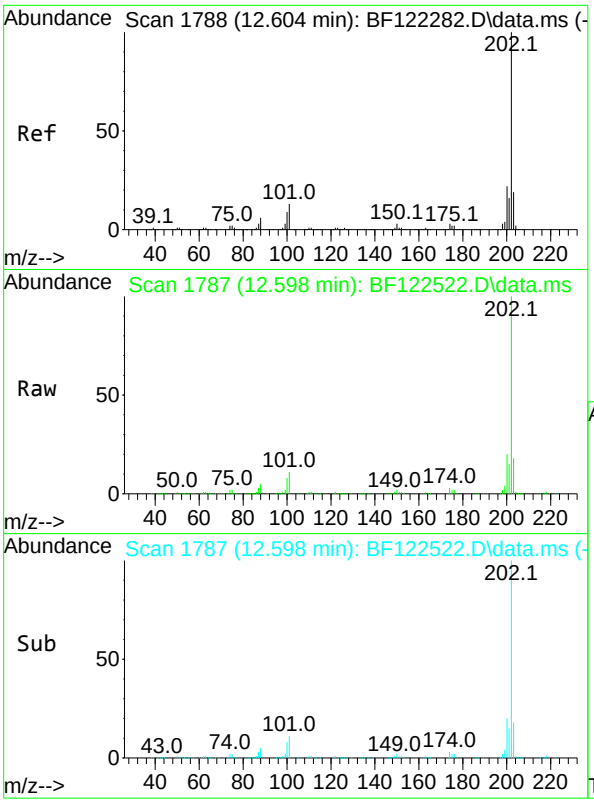
#71
Phenanthrene
Concen: 4.86 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:178 Resp: 198815

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	14.8	12.2	18.4



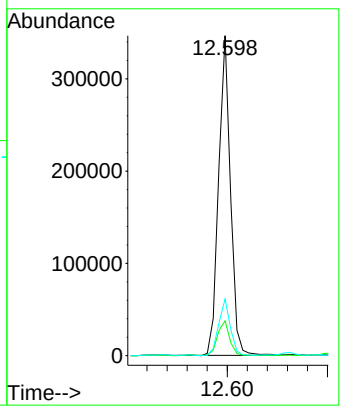
Instrument :
BNA_F
ClientSampleId :
4-DRUM

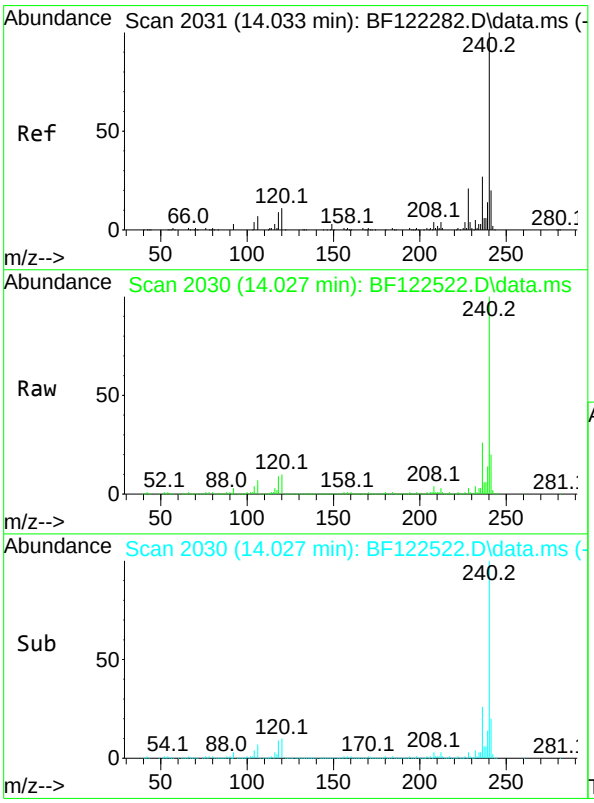


#75
Fluoranthene
Concen: 6.63 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:202 Resp: 283362

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.4
203	17.7	0.0	37.9

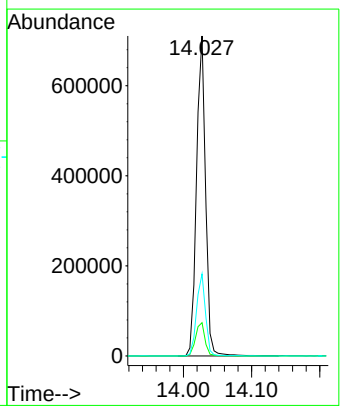




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:240 Resp: 652899

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.2	13.8
236	25.6	20.9	31.3



Instrument :
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ClientSampleId :
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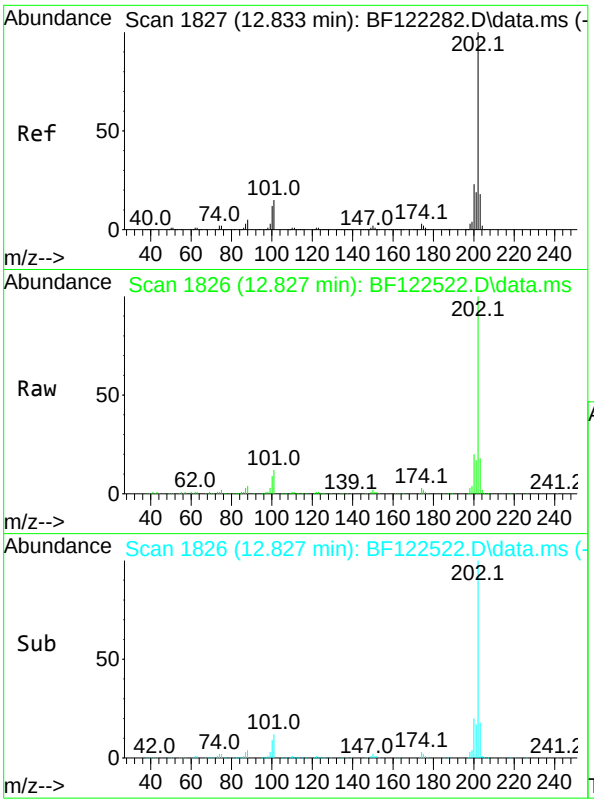
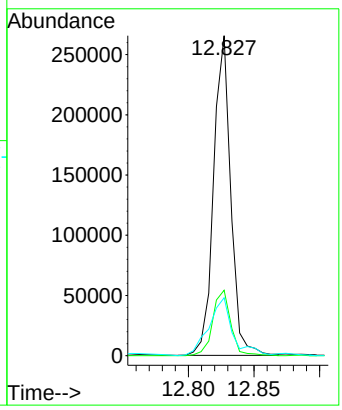
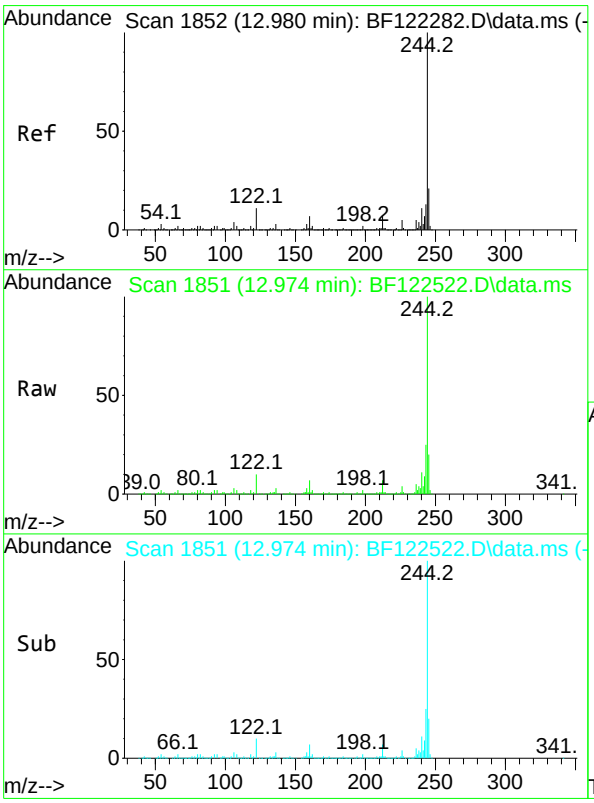


#78
Pyrene
Concen: 5.27 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:202 Resp: 241786

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	18.1	14.6	21.8

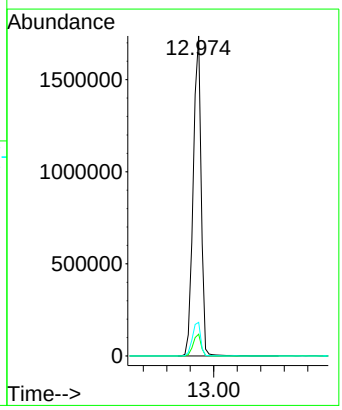




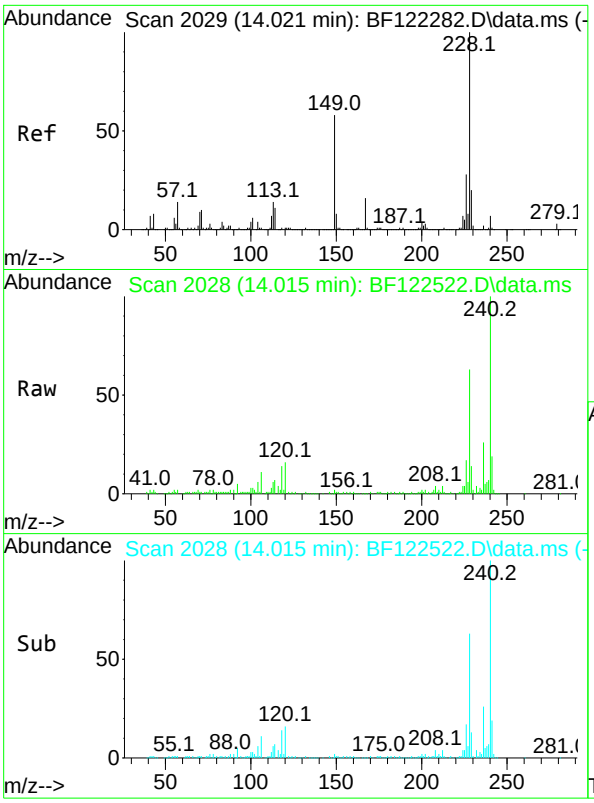
#79
Terphenyl-d14
Concen: 52.63 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:244 Resp: 1622057

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.5	8.1	12.1



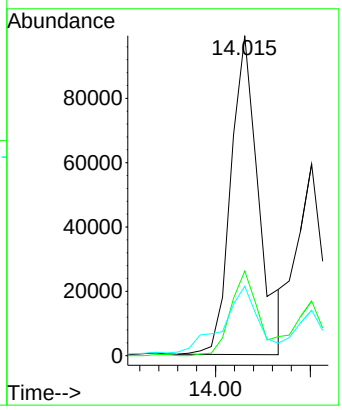
Instrument :
BNA_F
ClientSampleId :
4-DRUM

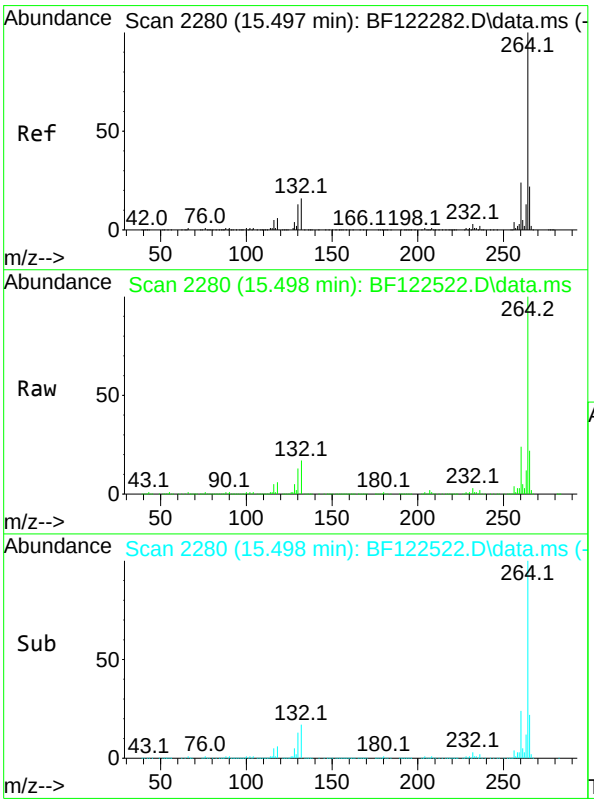


#81
Benzo(a)anthracene
Concen: 2.49 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:228 Resp: 101168

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.3	33.5
229	21.7	16.2	24.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF122522.D
Acq: 1 Dec 2020 15:07

Tgt Ion:264 Resp: 565772

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	17.3	25.9