Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
Data File : BF130671.D
Acq On : 14 Oct 2022 18:10
Operator : CG\JU
Sample : N5140-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Quant Time: Oct 17 02:22:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	71651	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	284666	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	154379	20.000	ng	-0.01
64) Phenanthrene-d10	11.086	188	261493	20.000	ng	-0.01
76) Chrysene-d12	13.722	240	149814	20.000	ng	0.00
86) Perylene-d12	15.092	264	128843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	557615	140.281	ng	0.00
7) Phenol-d6	6.234	99	704169	140.900	ng	0.00
23) Nitrobenzene-d5	7.151	82	434345	83.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	224626	148.701	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	871725	85.533	ng	-0.01
79) Terphenyl-d14	12.675	244	870612	96.452	ng	-0.01

Target Compounds	Qvalue

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

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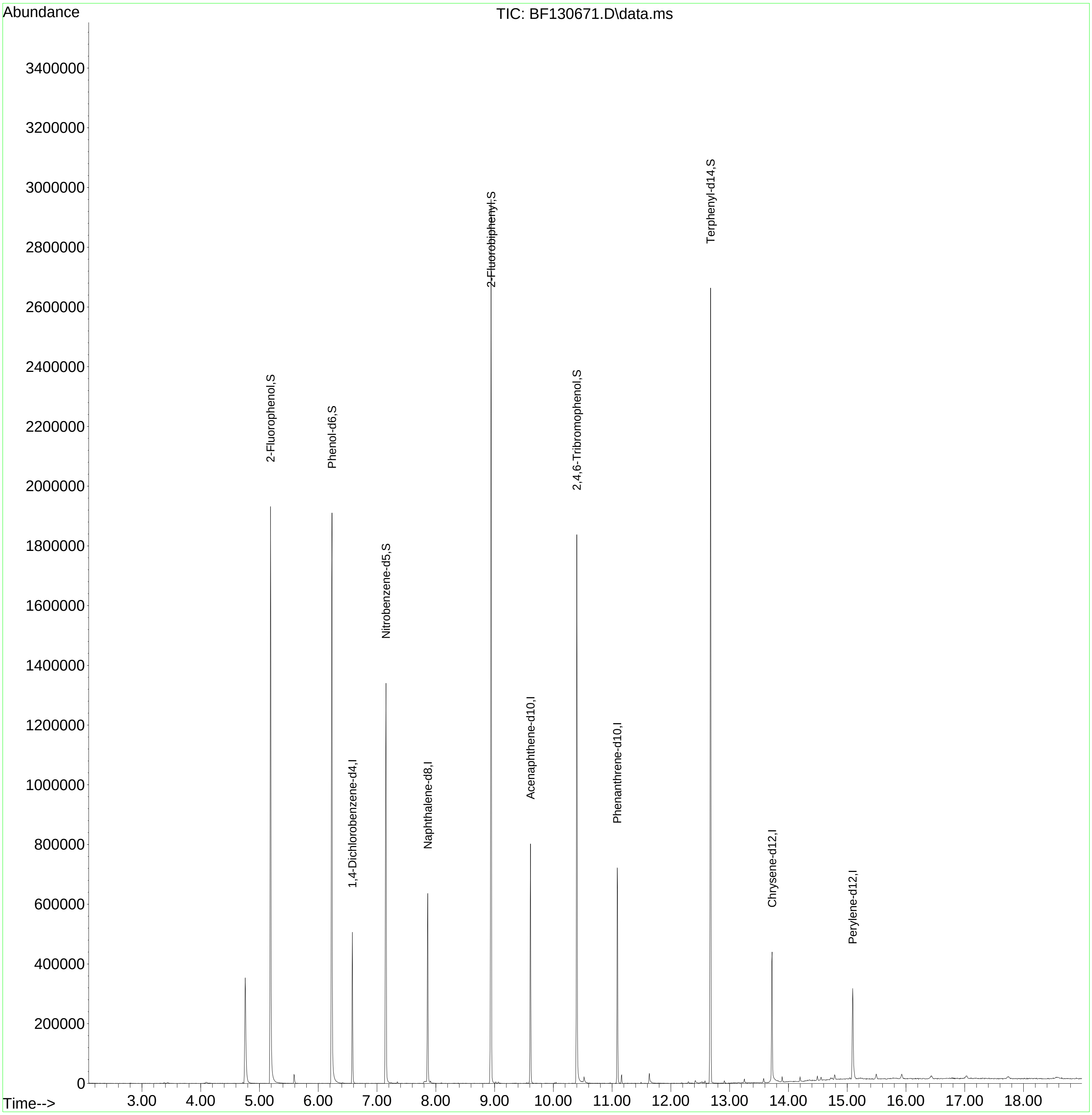
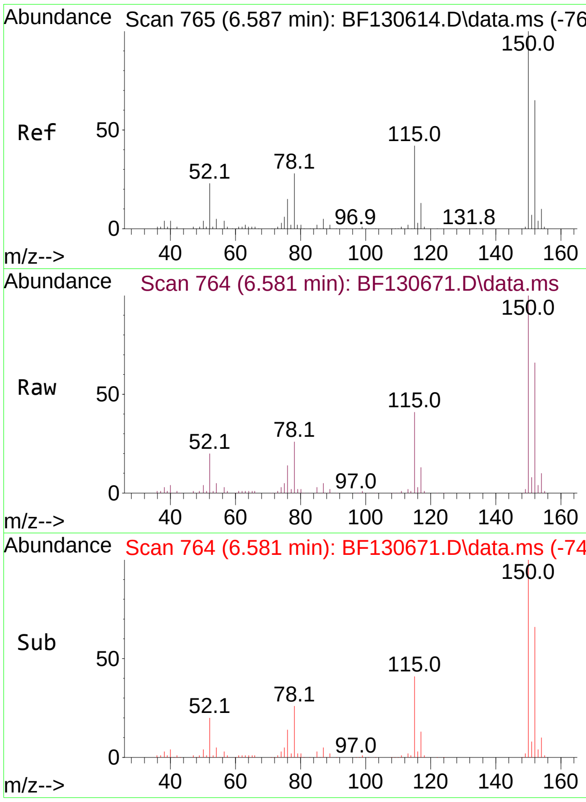


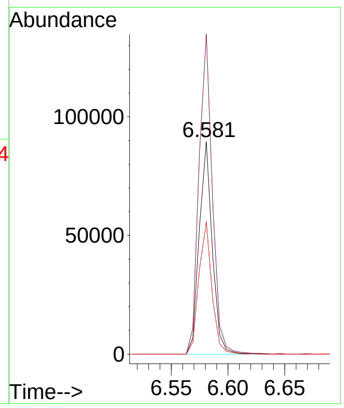


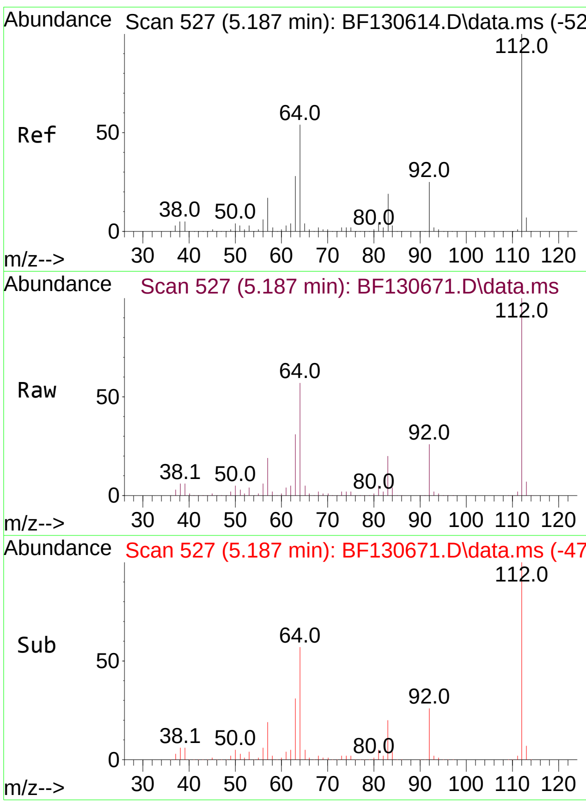
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 76
Delta R.T. -0.006 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 71651

Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.8	185.6
115	62.1	52.2	78.4

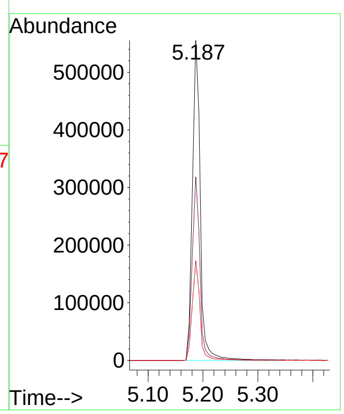


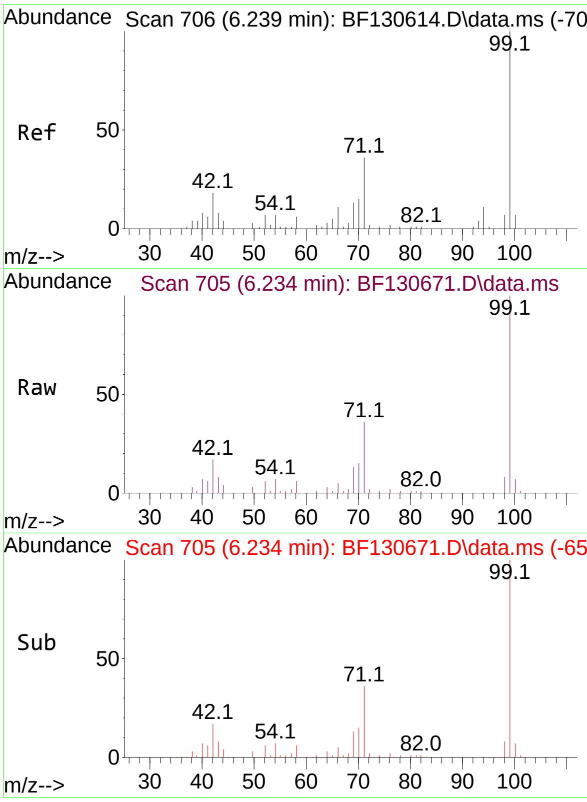


#5
2-Fluorophenol
Concen: 140.281 ng
RT: 5.187 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion:112 Resp: 557615

Ion	Ratio	Lower	Upper
112	100		
64	57.3	43.5	65.3
63	31.1	22.6	34.0



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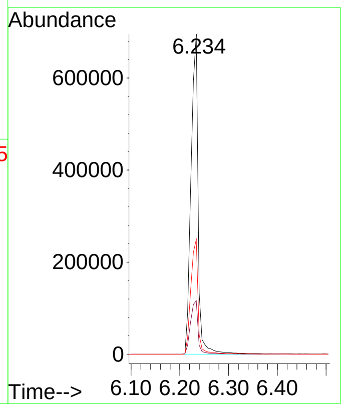
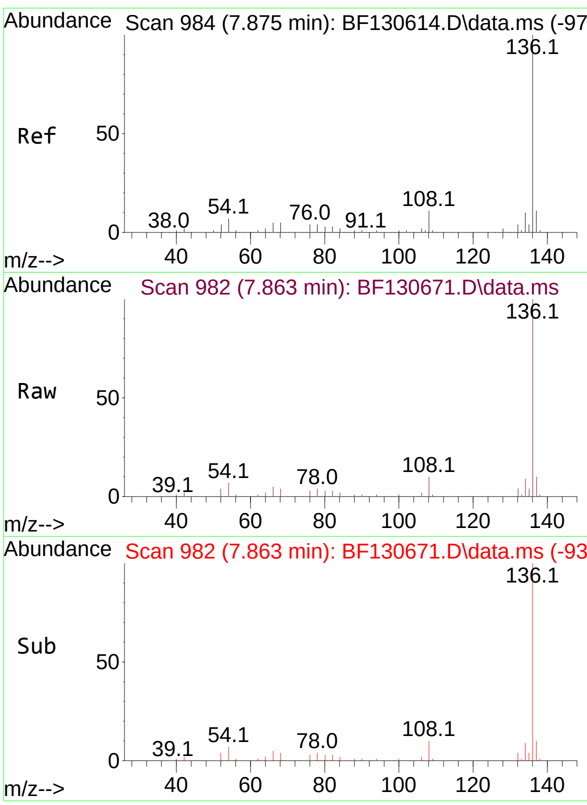
#7
Phenol-d6
Concen:  140.900 ng
RT:   6.234 min  Scan# 70
Delta R.T.  -0.006 min
Lab File:   BF130671.D
Acq: 14 Oct 2022  18:10

Tgt Ion: 99 Resp:  704169
Ion  Ratio  Lower  Upper
 99  100
 42   16.7   14.0   21.0
 71   35.8   28.8   43.2
```

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP



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#21
Naphthalene-d8
Concen:   20.000 ng
RT:   7.863 min  Scan# 982
Delta R.T.  -0.012 min
Lab File:   BF130671.D
Acq: 14 Oct 2022  18:10

Tgt Ion:136 Resp:  284666
Ion  Ratio  Lower  Upper
136  100
137   10.3    8.4   12.6
 54    6.7    5.5    8.3
 68    4.3    4.0    6.0
```
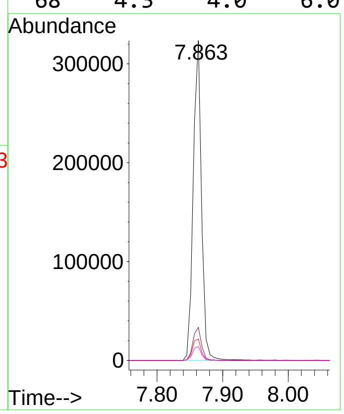
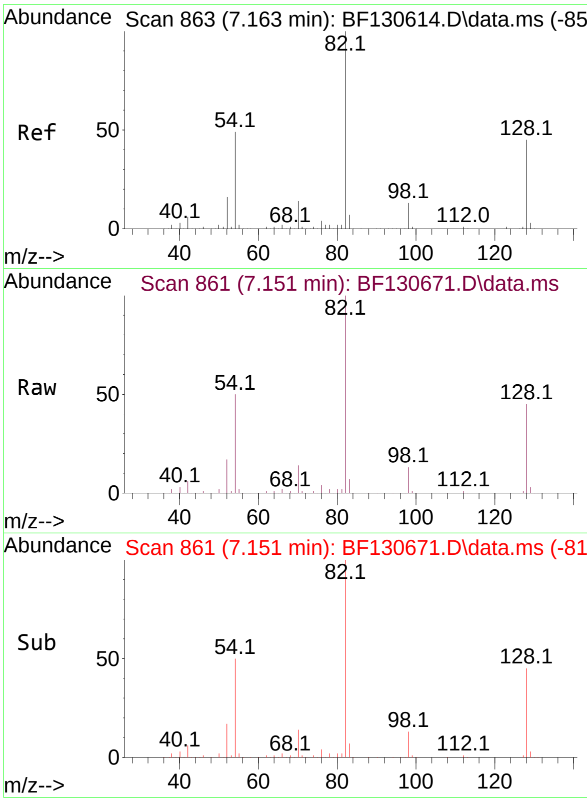



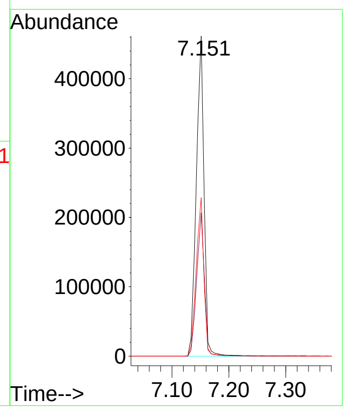


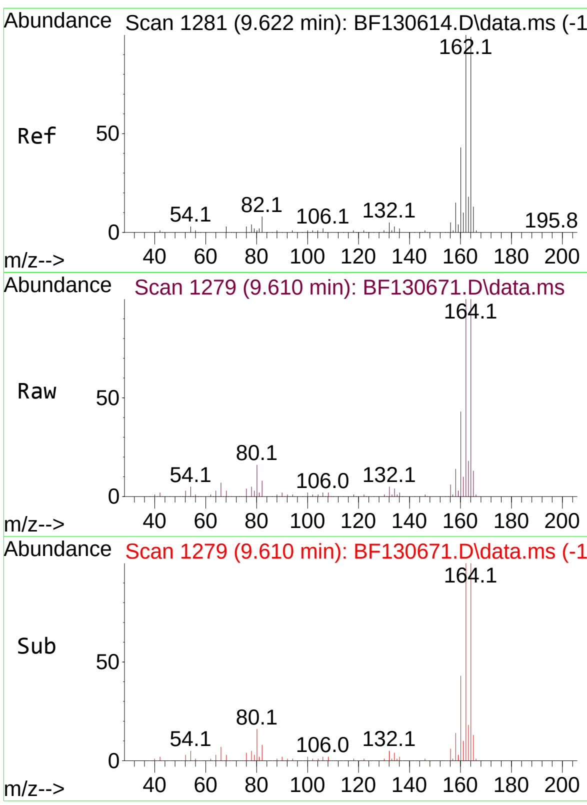
#23
Nitrobenzene-d5
Concen: 83.295 ng
RT: 7.151 min Scan# 86
Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 82 Resp: 434345

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.8	53.6
54	49.5	39.3	58.9

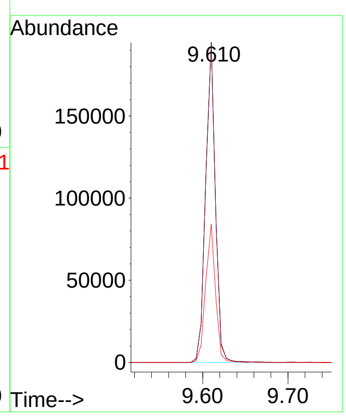


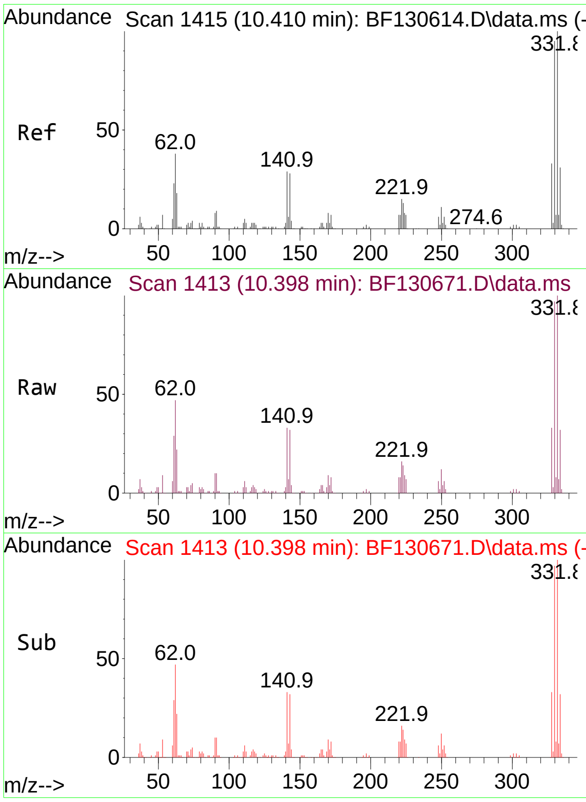


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion:164 Resp: 154379

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.4
160	43.1	34.5	51.7





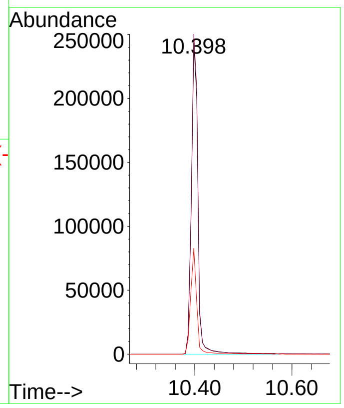
#42
2,4,6-Tribromophenol
Concen: 148.701 ng
RT: 10.398 min Scan# 14

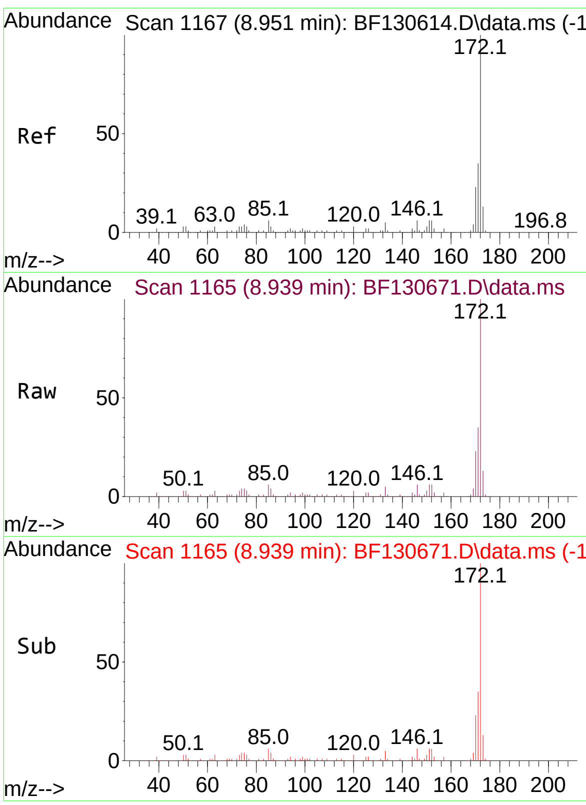
Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:330 Resp: 224626

Ion	Ratio	Lower	Upper
330	100		
332	102.9	84.2	126.4
141	31.8	26.8	40.2

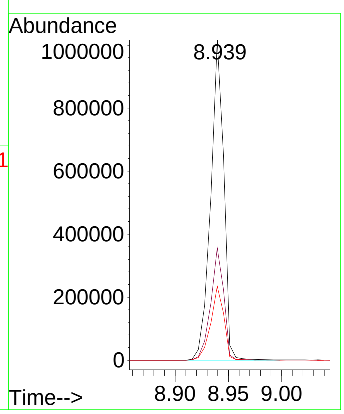


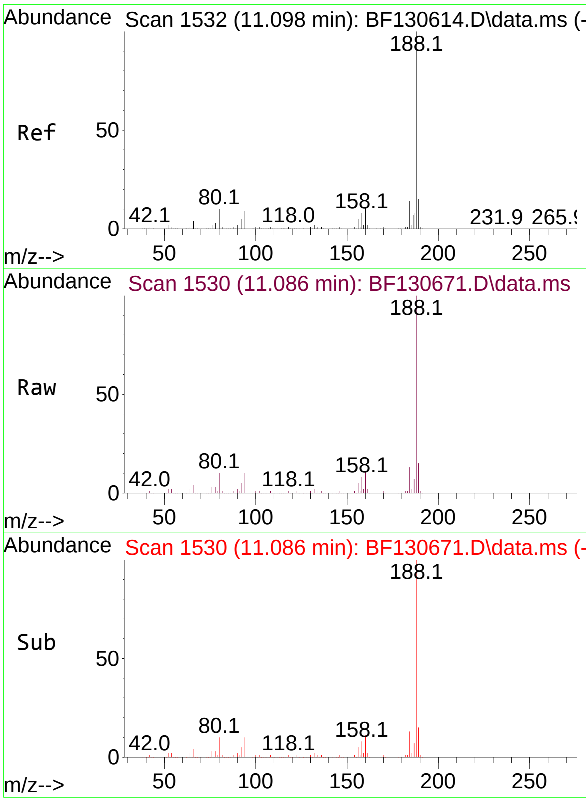


#45
2-Fluorobiphenyl
Concen: 85.533 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion:172 Resp: 871725

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.1	18.6	27.8





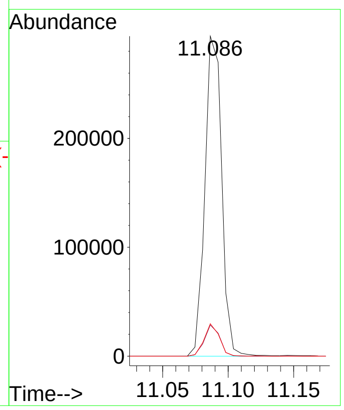
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 15

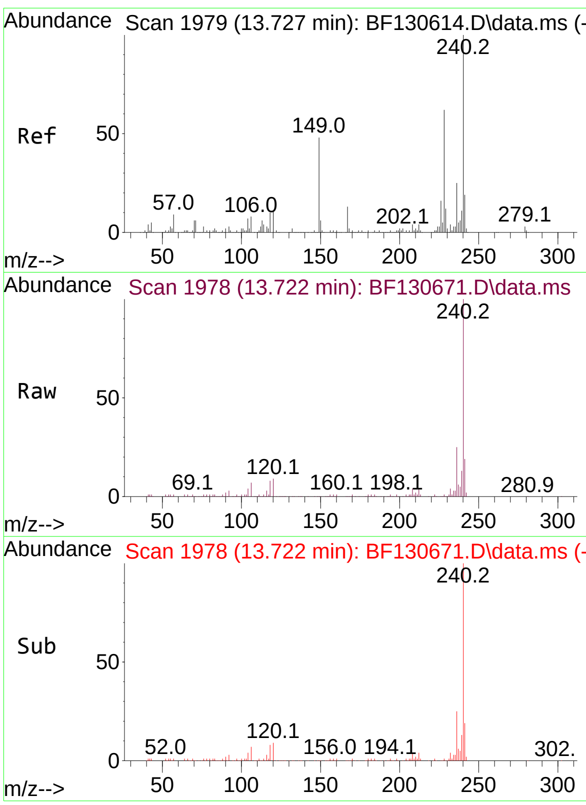
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion:188 Resp: 261493

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	10.1	8.0	12.0

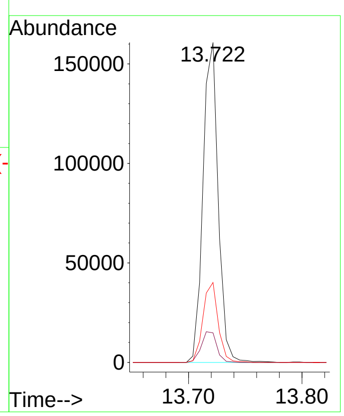


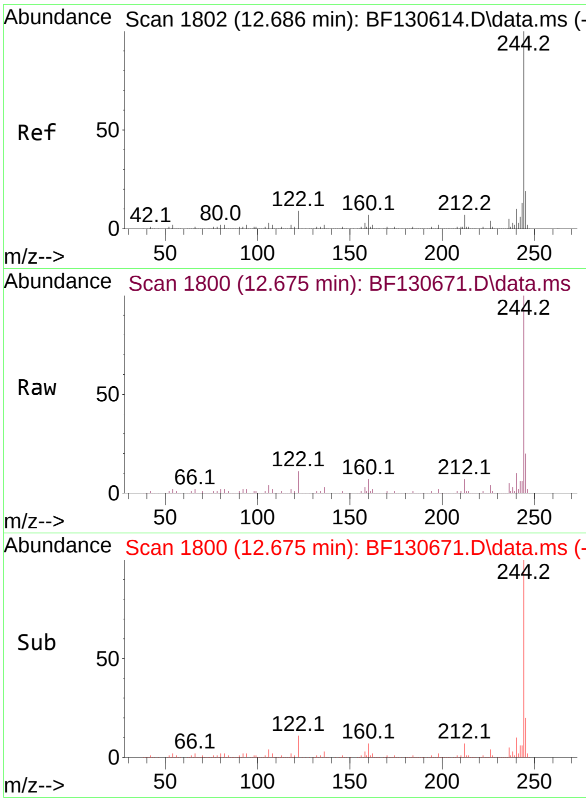


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.722 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion:240 Resp: 149814

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.6	13.0
236	25.0	20.2	30.4



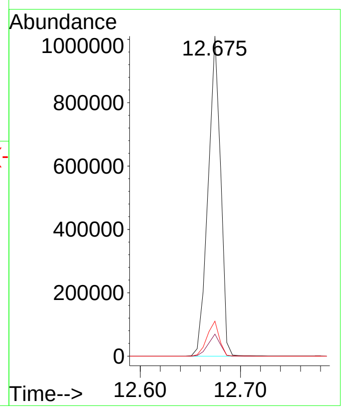


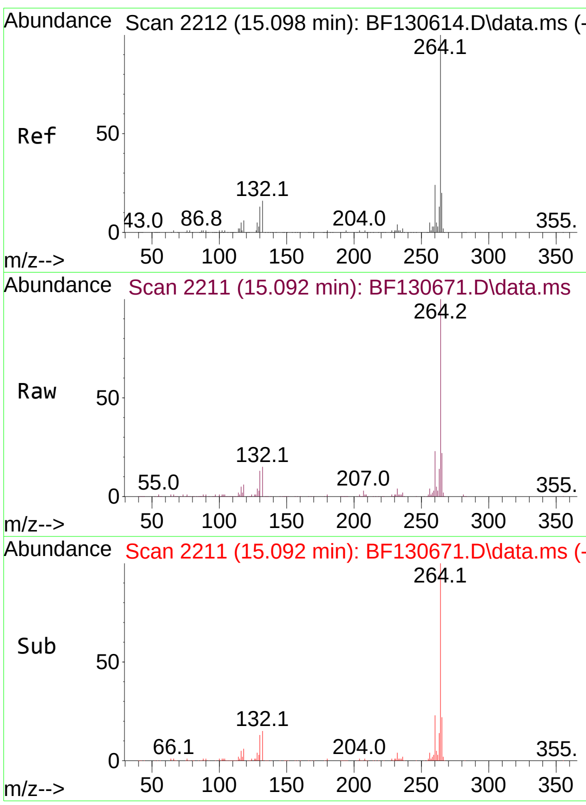
#79
Terphenyl-d14
Concen: 96.452 ng
RT: 12.675 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:244 Resp: 870612

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.9	7.5	11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion:264 Resp: 128843

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	22.3	16.4	24.6