

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131480.D
 Acq On : 30 Nov 2022 20:00
 Operator : CG\JU
 Sample : N5789-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TFI-359

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/01/2022
 Supervised By : Jagrut Upadhyay 12/01/2022

Quant Time: Dec 01 01:15:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 01:09:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	97501	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	335531	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	187530	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	325439	20.000	ng	0.00
76) Chrysene-d12	14.151	240	197769	20.000	ng	0.00
86) Perylene-d12	15.686	264	224057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	464671	90.704	ng	0.00
7) Phenol-d6	6.569	99	629919	96.372	ng	0.00
23) Nitrobenzene-d5	7.510	82	403961	60.689	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	167630	106.249	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	722380	56.041	ng	0.00
79) Terphenyl-d14	13.092	244	641772	53.065	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.521	178	43068	2.449	ng	99
75) Fluoranthene	12.716	202	86736	4.680	ng	98
78) Pyrene	12.951	202	96375	5.523	ng	99
81) Benzo(a)anthracene	14.145	228	47888m	3.533	ng	
83) Chrysene	14.180	228	46028	3.461	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	13547	5.352	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.239	276	37205	2.472	ng	96
88) Benzo(b)fluoranthene	15.227	252	63919m	4.294	ng	
90) Benzo(a)pyrene	15.615	252	59564	4.877	ng	96
92) Benzo(g,h,i)perylene	17.715	276	40650	3.278	ng	99

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

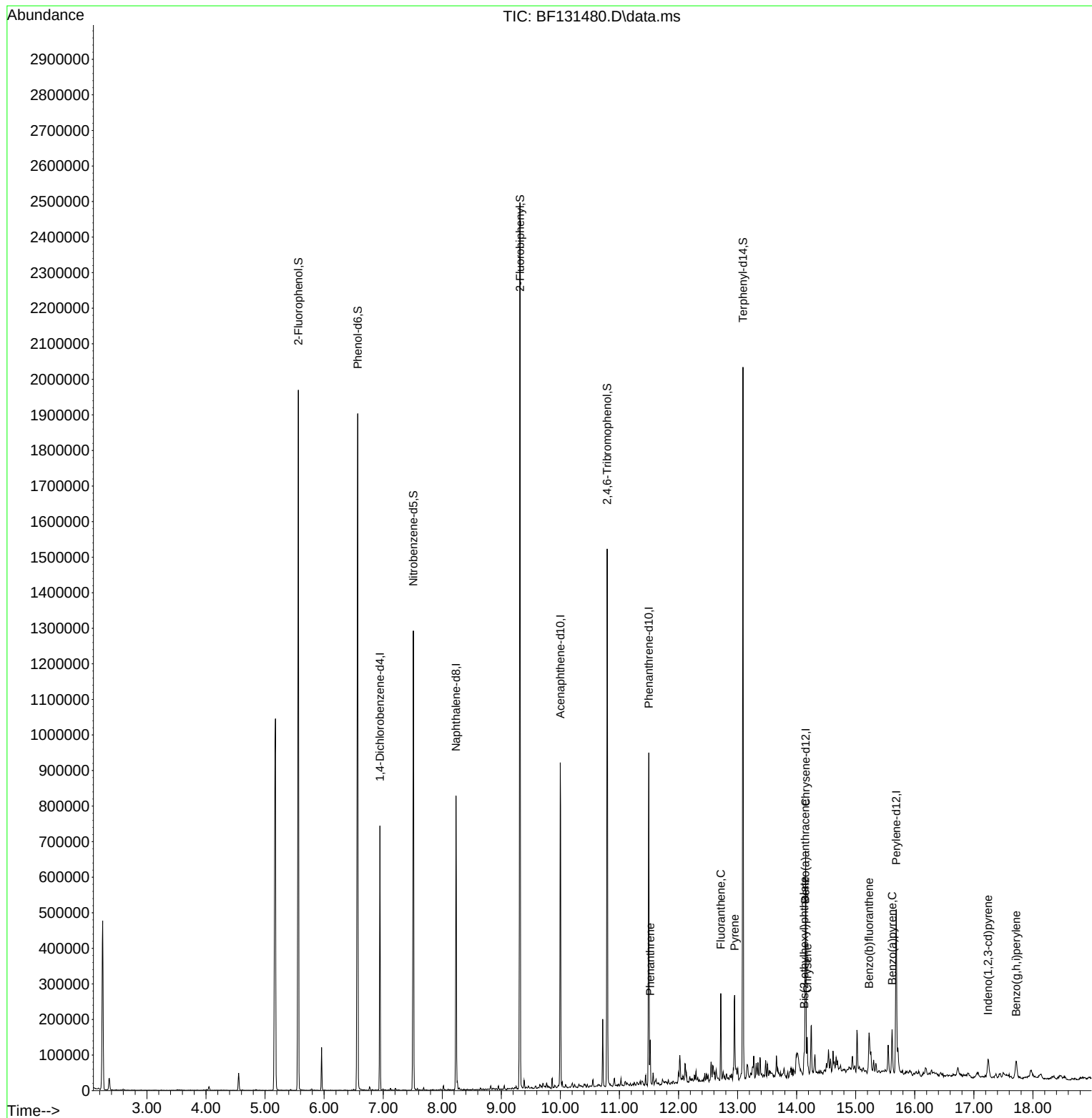
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131480.D
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ALS Vial : 16 Sample Multiplier: 1

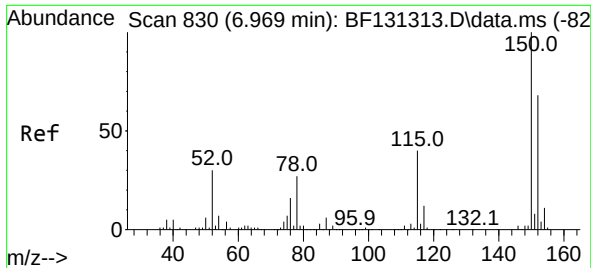
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





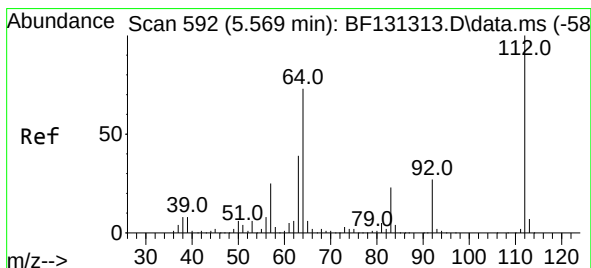
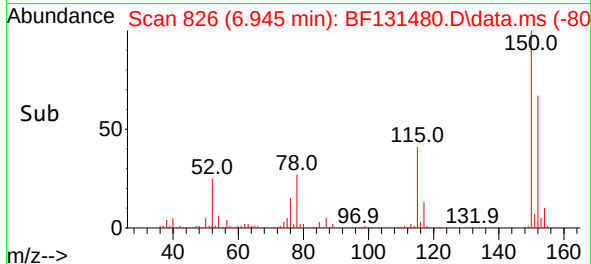
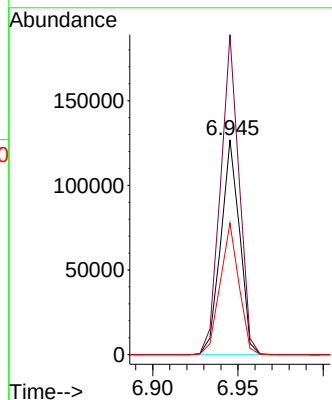
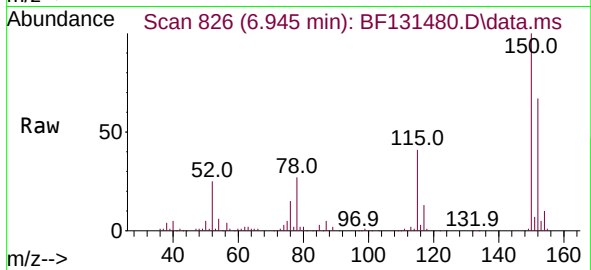
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 97501
Ion Ratio Lower Upper
152 100
150 149.0 117.8 176.8
115 61.3 47.1 70.7

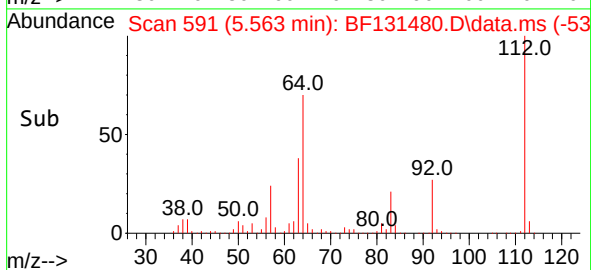
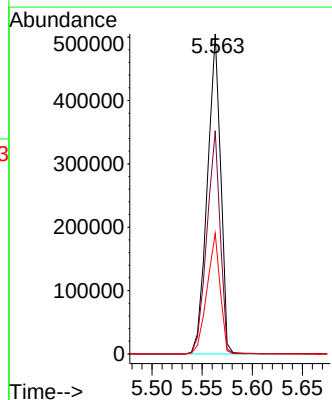
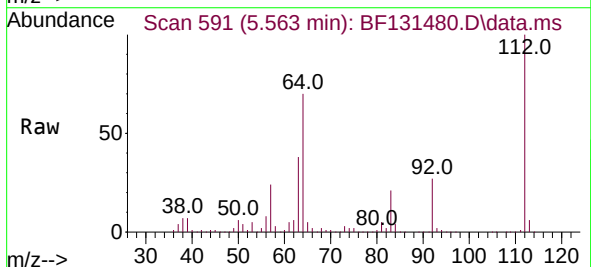
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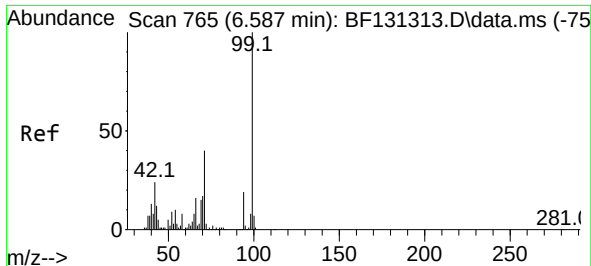
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#5
2-Fluorophenol
Concen: 90.704 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

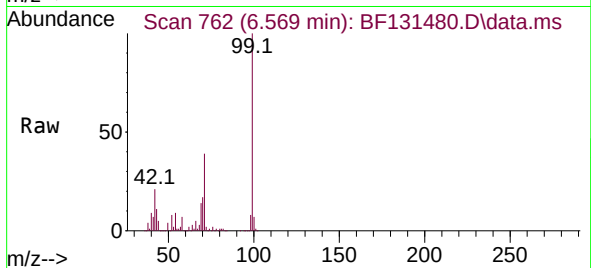
Tgt Ion:112 Resp: 464671
Ion Ratio Lower Upper
112 100
64 69.7 58.6 88.0
63 37.7 31.4 47.0





#7
Phenol-d6
Concen: 96.372 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

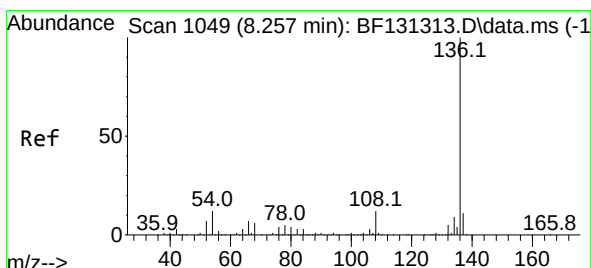
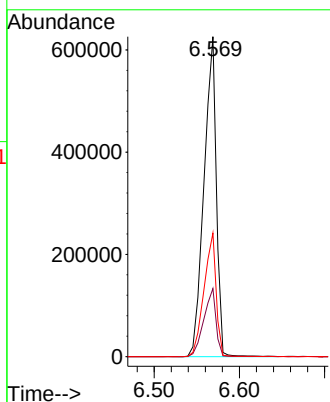
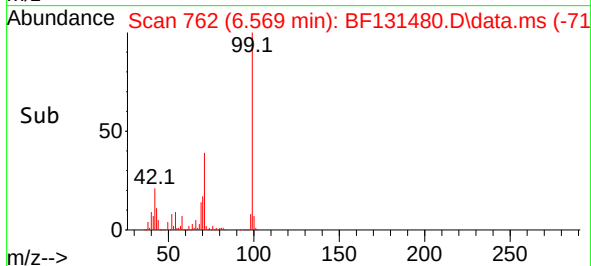
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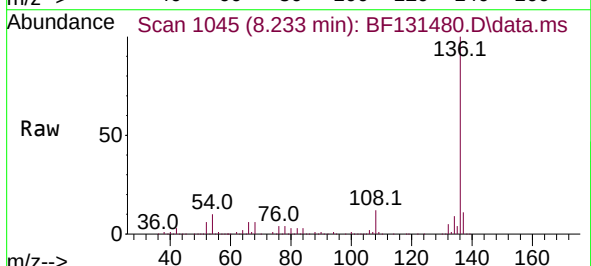
Tgt Ion: 99 Resp: 629919
Ion Ratio Lower Upper
99 100
42 21.3 19.4 29.2
71 38.6 32.3 48.5

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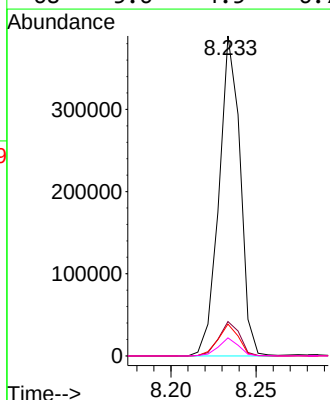
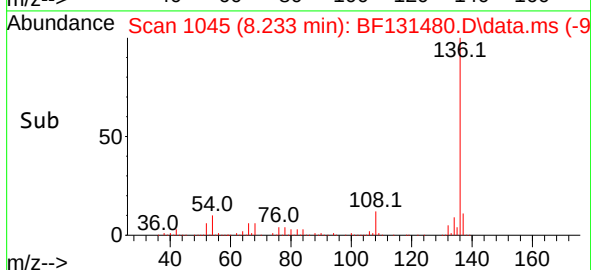
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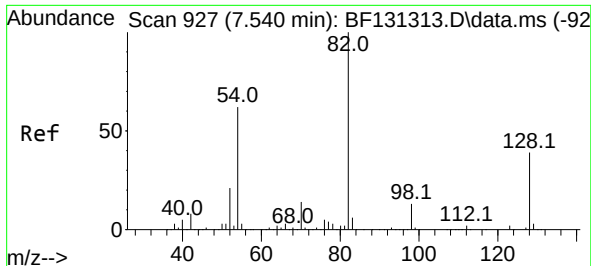


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00



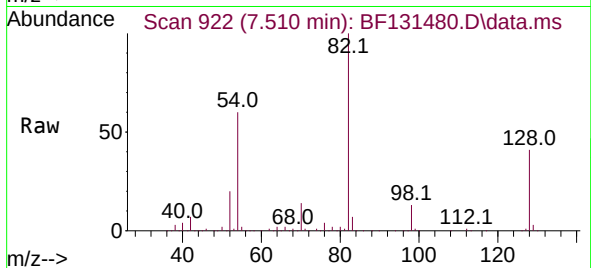
Tgt Ion:136 Resp: 335531
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.9 9.4 14.0
68 5.6 4.5 6.7





#23
Nitrobenzene-d5
Concen: 60.689 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

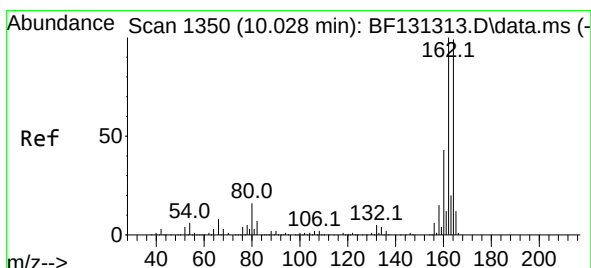
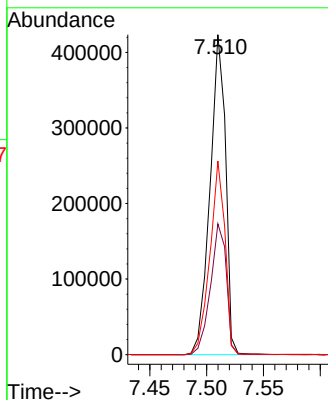
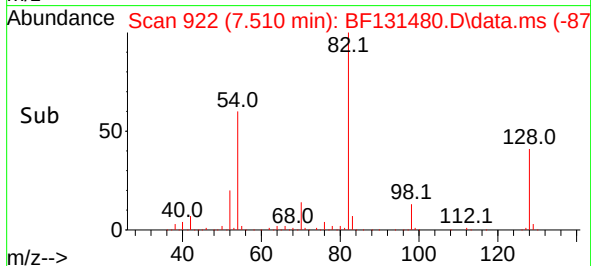
Instrument :
BNA_F
ClientSampleId :
TFI-359



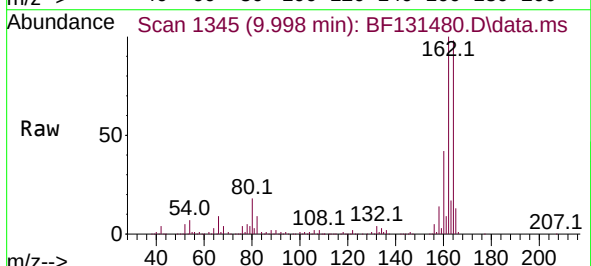
Tgt Ion: 82 Resp: 403963
Ion Ratio Lower Upper
82 100
128 40.9 31.4 47.0
54 60.5 49.8 74.6

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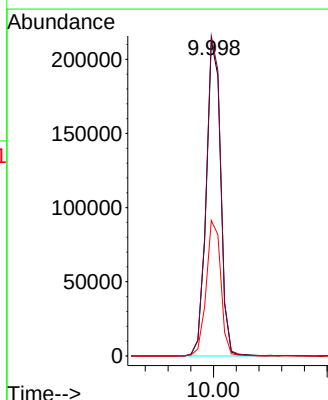
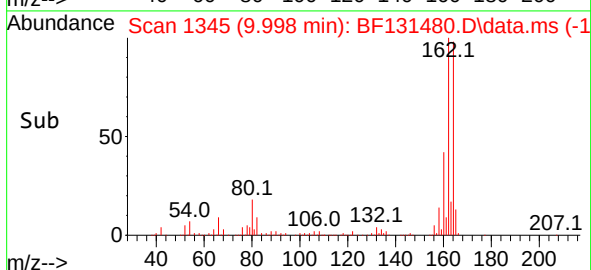
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Supervised By :Jagrut Upadhyay 12/01/2022

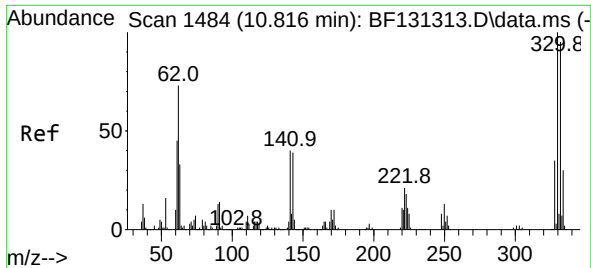


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00



Tgt Ion:164 Resp: 187530
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 43.0 34.4 51.6





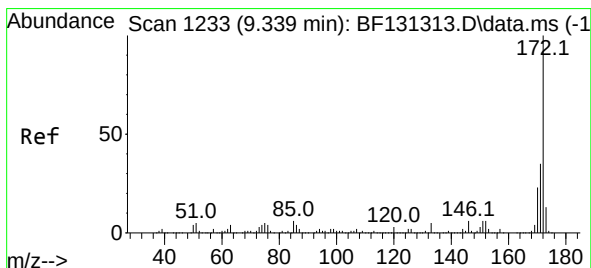
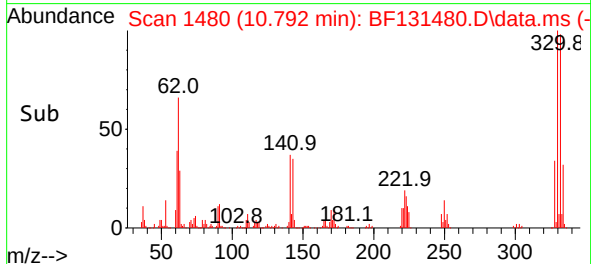
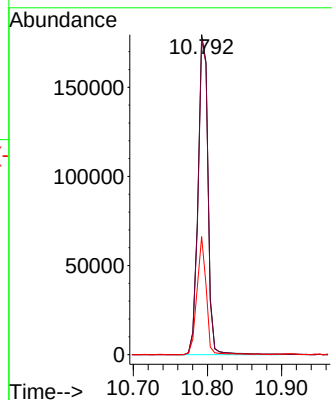
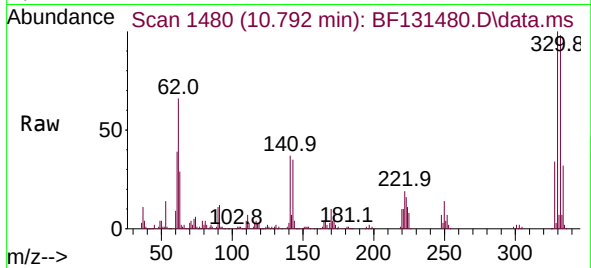
#42
2,4,6-Tribromophenol
Concen: 106.249 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

Instrument :
BNA_F
ClientSampleId :
TFI-359

Tgt Ion:330 Resp: 167630
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 34.3 29.3 43.9

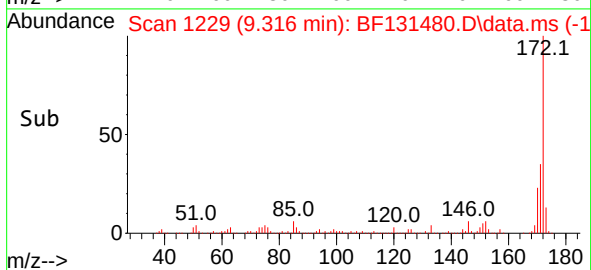
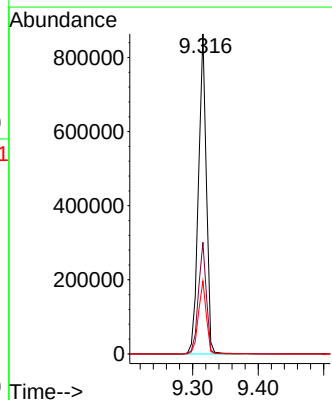
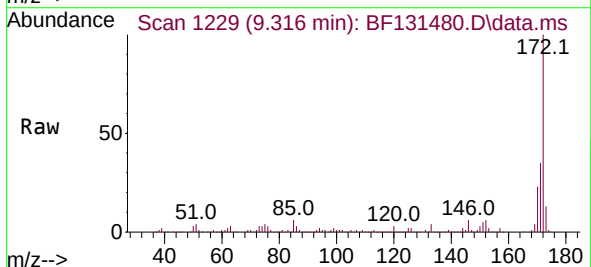
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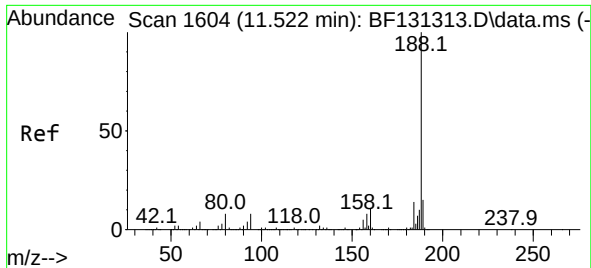
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#45
2-Fluorobiphenyl
Concen: 56.041 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

Tgt Ion:172 Resp: 722380
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 22.8 18.7 28.1





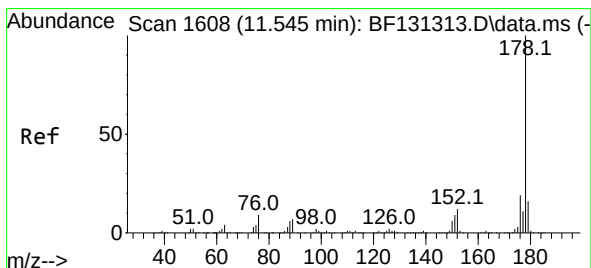
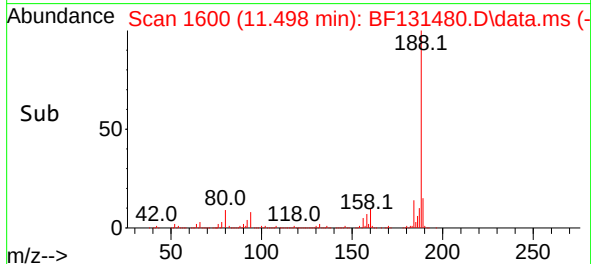
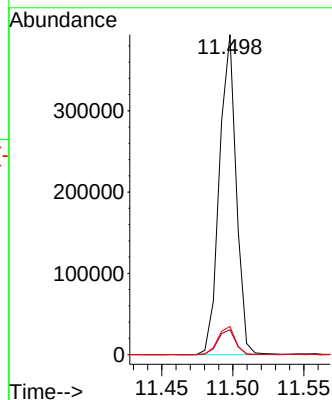
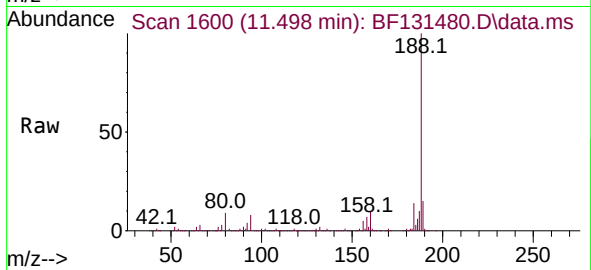
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

Instrument :
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ClientSampleId :
TFI-359

Tgt Ion:188 Resp: 325439
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.8 6.8 10.2

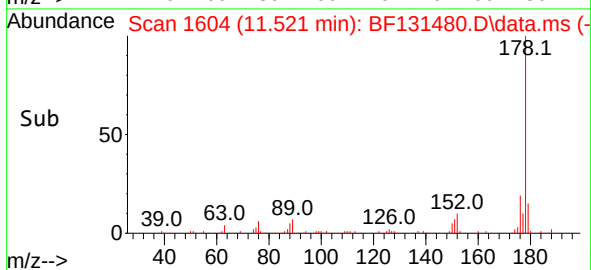
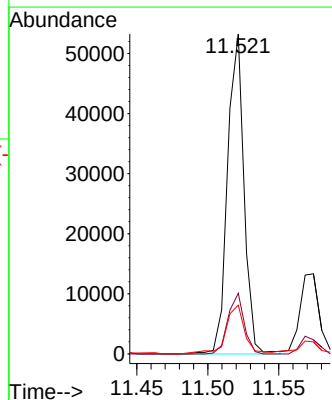
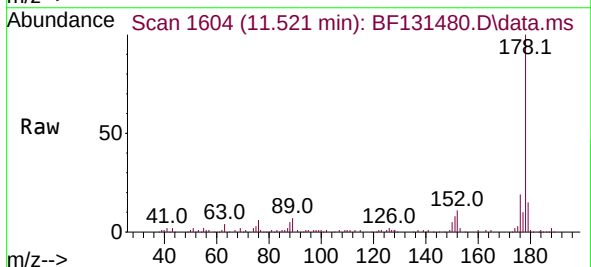
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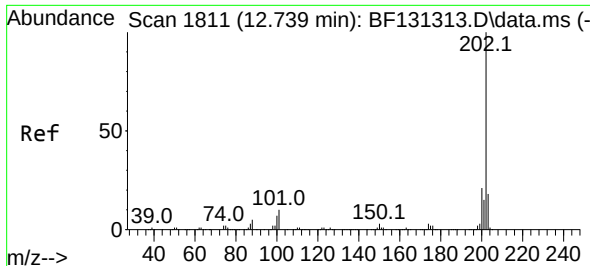
Reviewed By :Christian Giraldo 12/01/2022
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#71
Phenanthrene
Concen: 2.449 ng
RT: 11.521 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

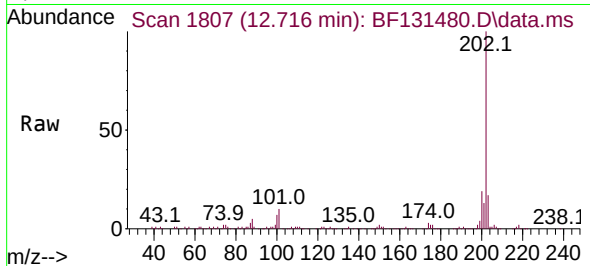
Tgt Ion:178 Resp: 43068
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.2 12.4 18.6





#75
Fluoranthene
Concen: 4.680 ng
RT: 12.716 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

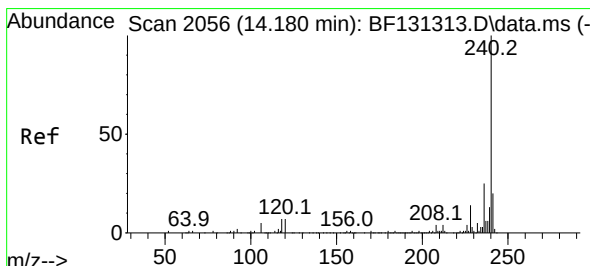
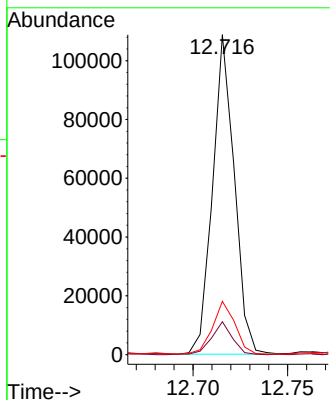
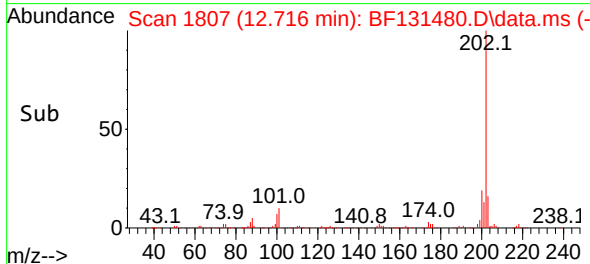
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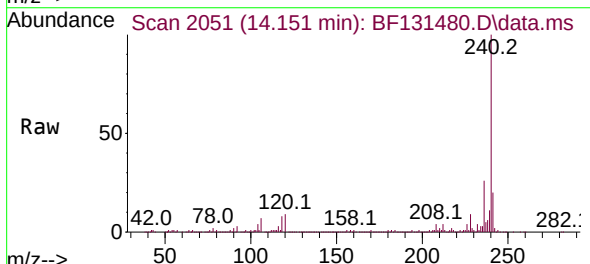
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Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 16.6 0.0 37.8

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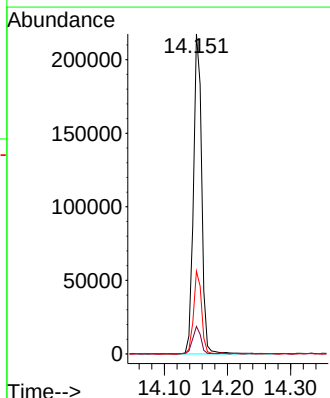
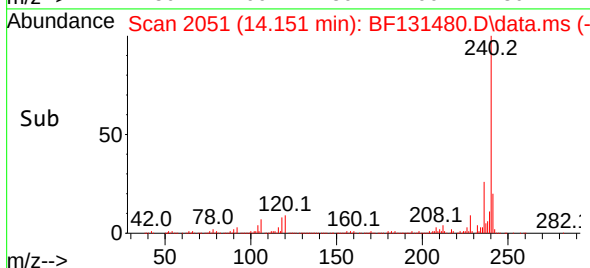
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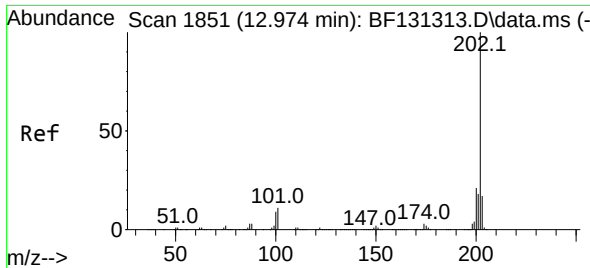


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00



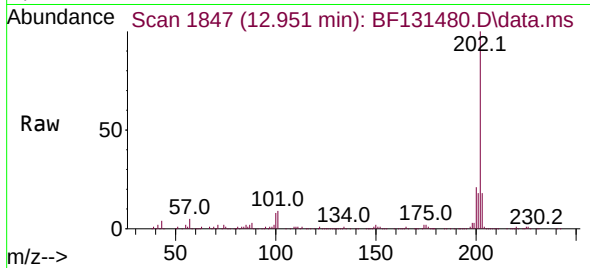
Tgt Ion:240 Resp: 197769
Ion Ratio Lower Upper
240 100
120 8.6 5.8 8.8
236 25.9 20.3 30.5





#78
Pyrene
Concen: 5.523 ng
RT: 12.951 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

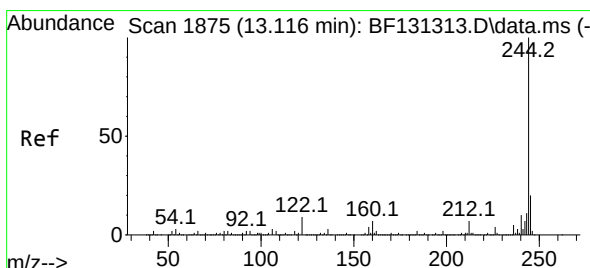
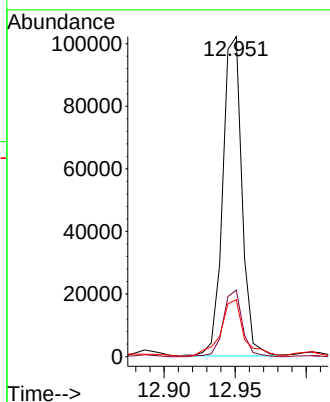
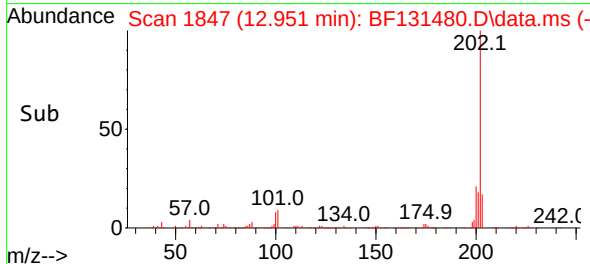
Instrument :
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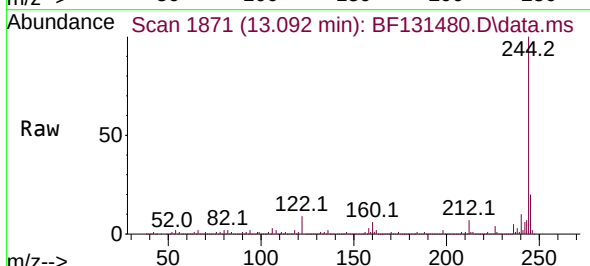
Tgt Ion:202 Resp: 96375
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.8 13.9 20.9

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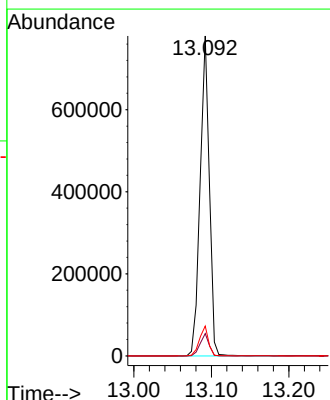
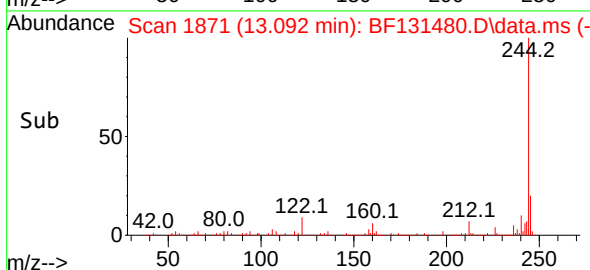
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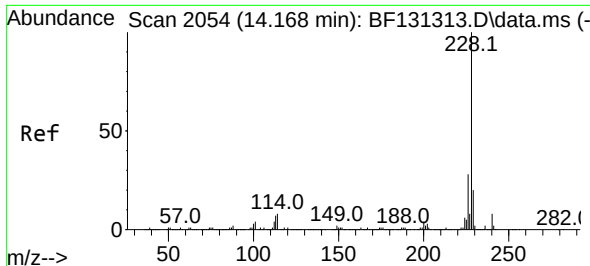


#79
Terphenyl-d14
Concen: 53.065 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00



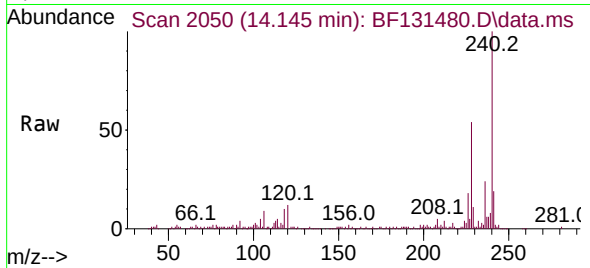
Tgt Ion:244 Resp: 641772
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.3 7.5 11.3





#81
Benzo(a)anthracene
Concen: 3.533 ng m
RT: 14.145 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

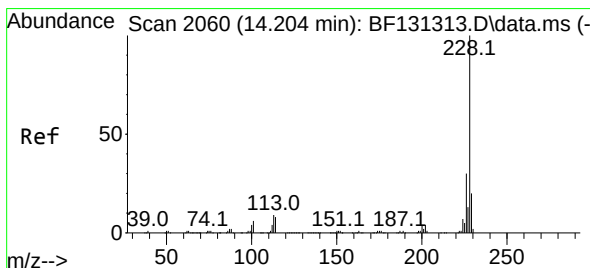
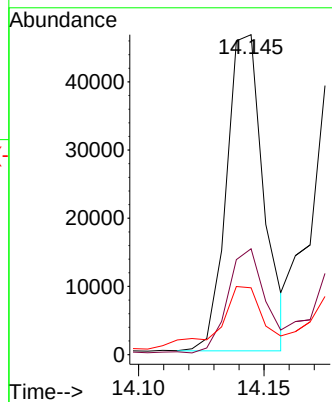
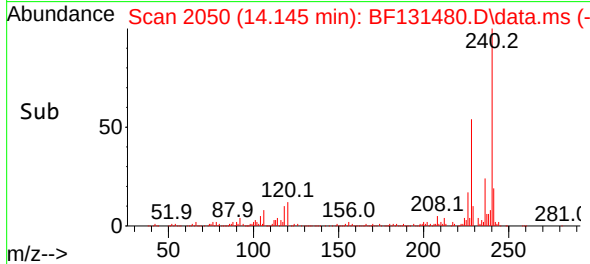
Instrument :
BNA_F
ClientSampleId :
TFI-359



Tgt Ion:228 Resp: 4788
Ion Ratio Lower Upper
228 100
226 33.1 22.0 33.0
229 20.9 15.7 23.5

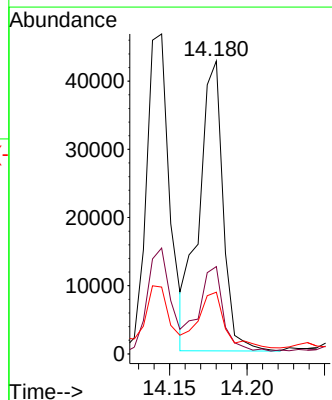
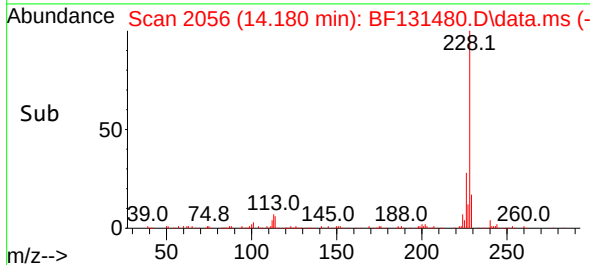
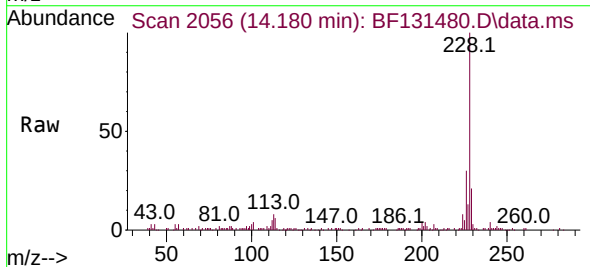
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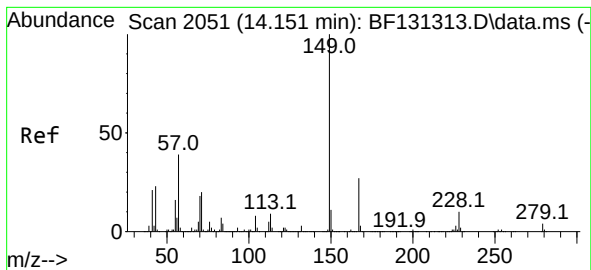
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022



#83
Chrysene
Concen: 3.461 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

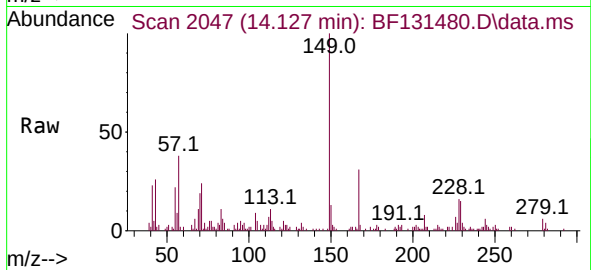
Tgt Ion:228 Resp: 46028
Ion Ratio Lower Upper
228 100
226 29.8 23.7 35.5
229 21.0 16.2 24.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.352 ng
RT: 14.127 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

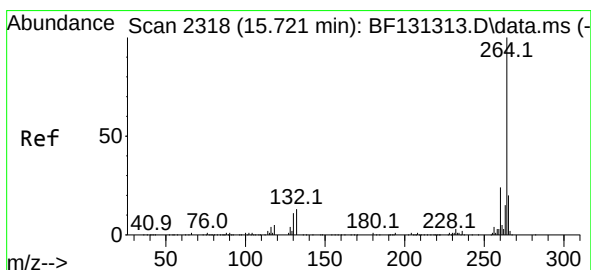
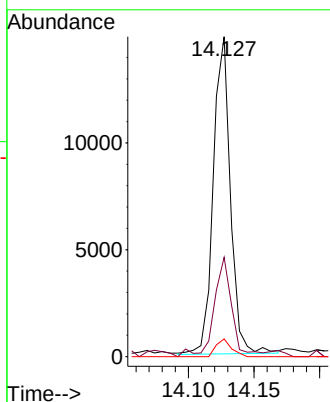
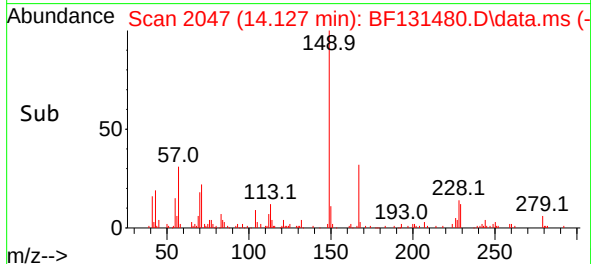
Instrument :
BNA_F
ClientSampleId :
TFI-359



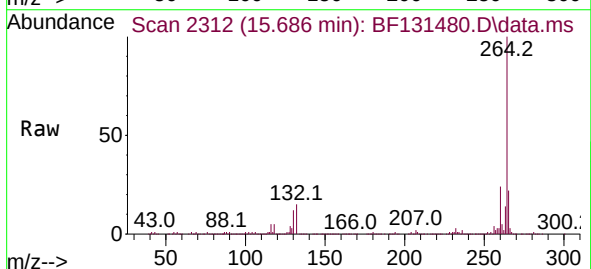
Tgt Ion:149 Resp: 13547
Ion Ratio Lower Upper
149 100
167 31.0 21.9 32.9
279 5.5 3.0 4.4

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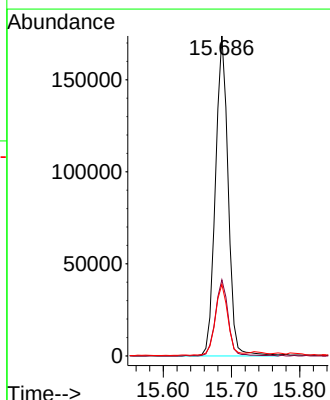
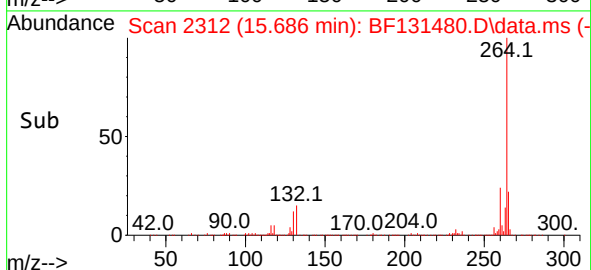
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

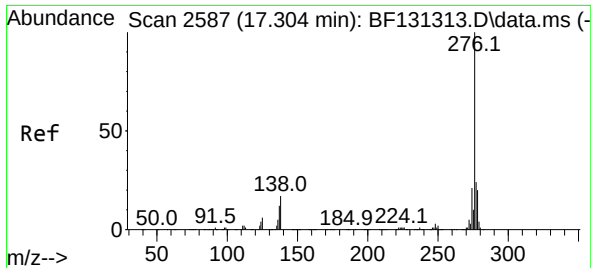


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2312
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00



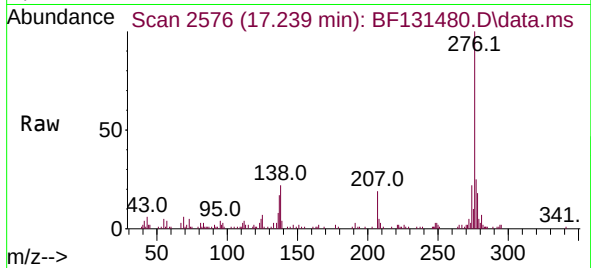
Tgt Ion:264 Resp: 224057
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.3 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.472 ng
RT: 17.239 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

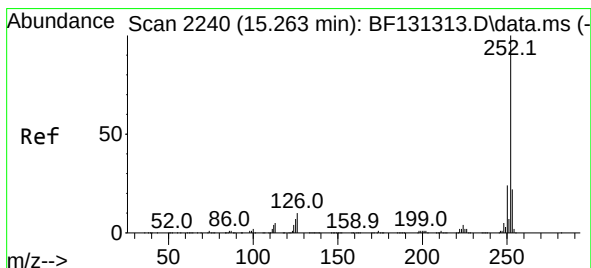
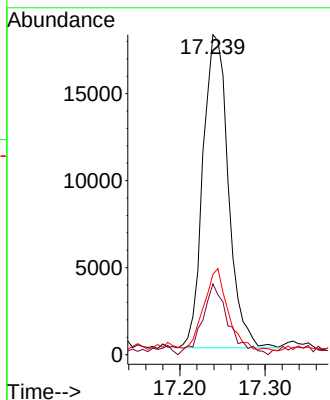
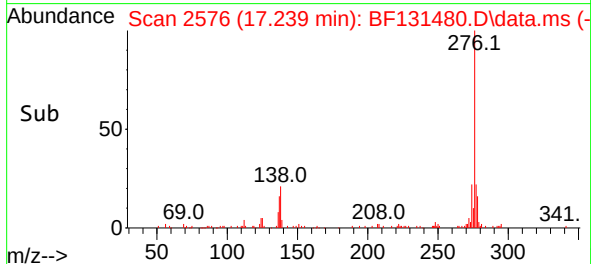
Instrument :
BNA_F
ClientSampleId :
TFI-359



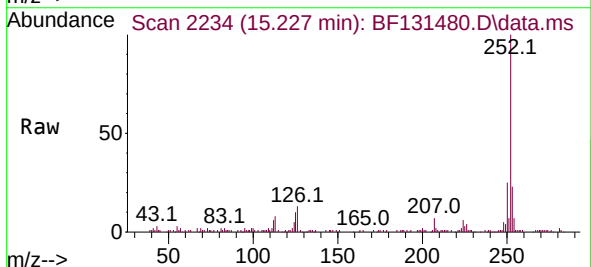
Tgt Ion:276 Resp: 37205
Ion Ratio Lower Upper
276 100
138 22.9 15.8 23.6
277 25.0 20.3 30.5

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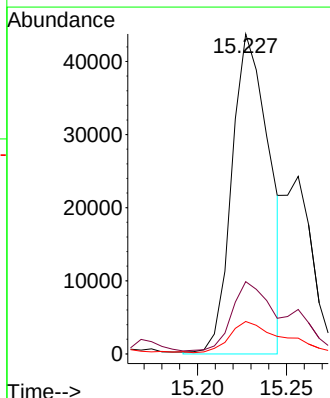
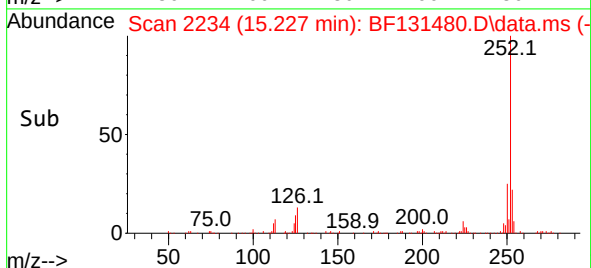
Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

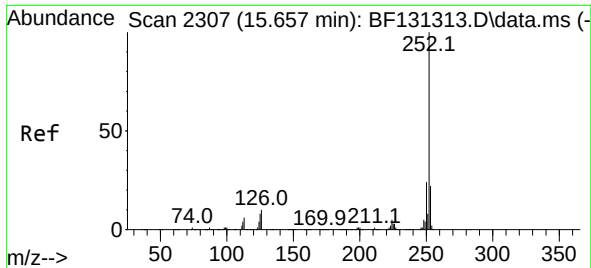


#88
Benzo(b)fluoranthene
Concen: 4.294 ng m
RT: 15.227 min Scan# 2234
Delta R.T. -0.006 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00



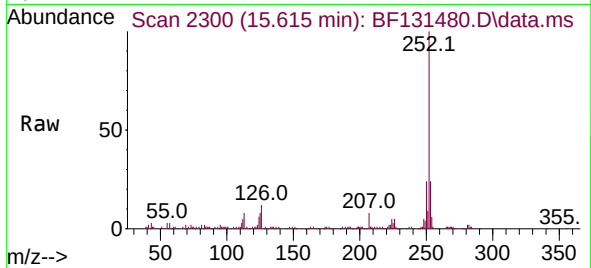
Tgt Ion:252 Resp: 63919
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.1 5.8 8.6#





#90
Benzo(a)pyrene
Concen: 4.877 ng
RT: 15.615 min Scan# 2307
Delta R.T. -0.012 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00

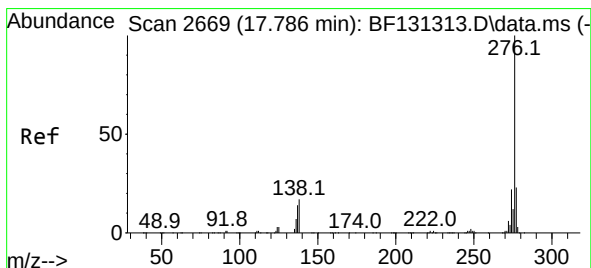
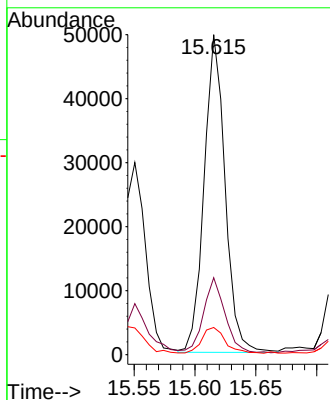
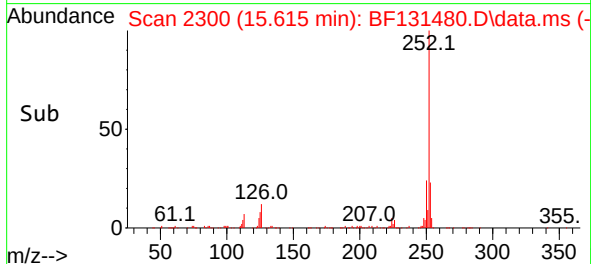
Instrument :
BNA_F
ClientSampleId :
TFI-359



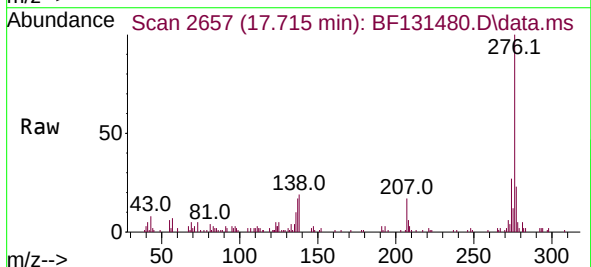
Tgt Ion: 252 Resp: 59564
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 8.5 6.1 9.1

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Reviewed By : Christian Giraldo 12/01/2022
Supervised By : Jagrut Upadhyay 12/01/2022



#92
Benzo(g,h,i)perylene
Concen: 3.278 ng
RT: 17.715 min Scan# 2657
Delta R.T. -0.024 min
Lab File: BF131480.D
Acq: 30 Nov 2022 20:00



Tgt Ion: 276 Resp: 40650
Ion Ratio Lower Upper
276 100
277 23.0 18.3 27.5
138 18.6 13.8 20.6

