

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131790.D
 Acq On : 22 Dec 2022 22:24
 Operator : CG\JU
 Sample : N6097-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP1-COMP-01

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 03:36:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	82176	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	301285	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	169319	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	278945	20.000	ng	0.00
76) Chrysene-d12	14.045	240	160130	20.000	ng	0.00
86) Perylene-d12	15.539	264	173389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	465846	95.458	ng	0.01
7) Phenol-d6	6.487	99	611854	93.149	ng	0.00
23) Nitrobenzene-d5	7.422	82	440822	59.398	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	147830	79.767	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	697328	57.692	ng	0.00
79) Terphenyl-d14	12.986	244	529448	51.531	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	65069	4.278	ng	97
75) Fluoranthene	12.616	202	142885	8.435	ng	99
78) Pyrene	12.845	202	131904	9.060	ng	98
81) Benzo(a)anthracene	14.039	228	68159	5.910	ng	95
83) Chrysene	14.074	228	66242	6.086	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	34694	2.979	ng	98
88) Benzo(b)fluoranthene	15.098	252	89412m	7.289	ng	
89) Benzo(k)fluoranthene	15.121	252	28300m	2.364	ng	
90) Benzo(a)pyrene	15.468	252	65003	6.690	ng	100
92) Benzo(g,h,i)perylene	17.480	276	35788	3.762	ng	# 97

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

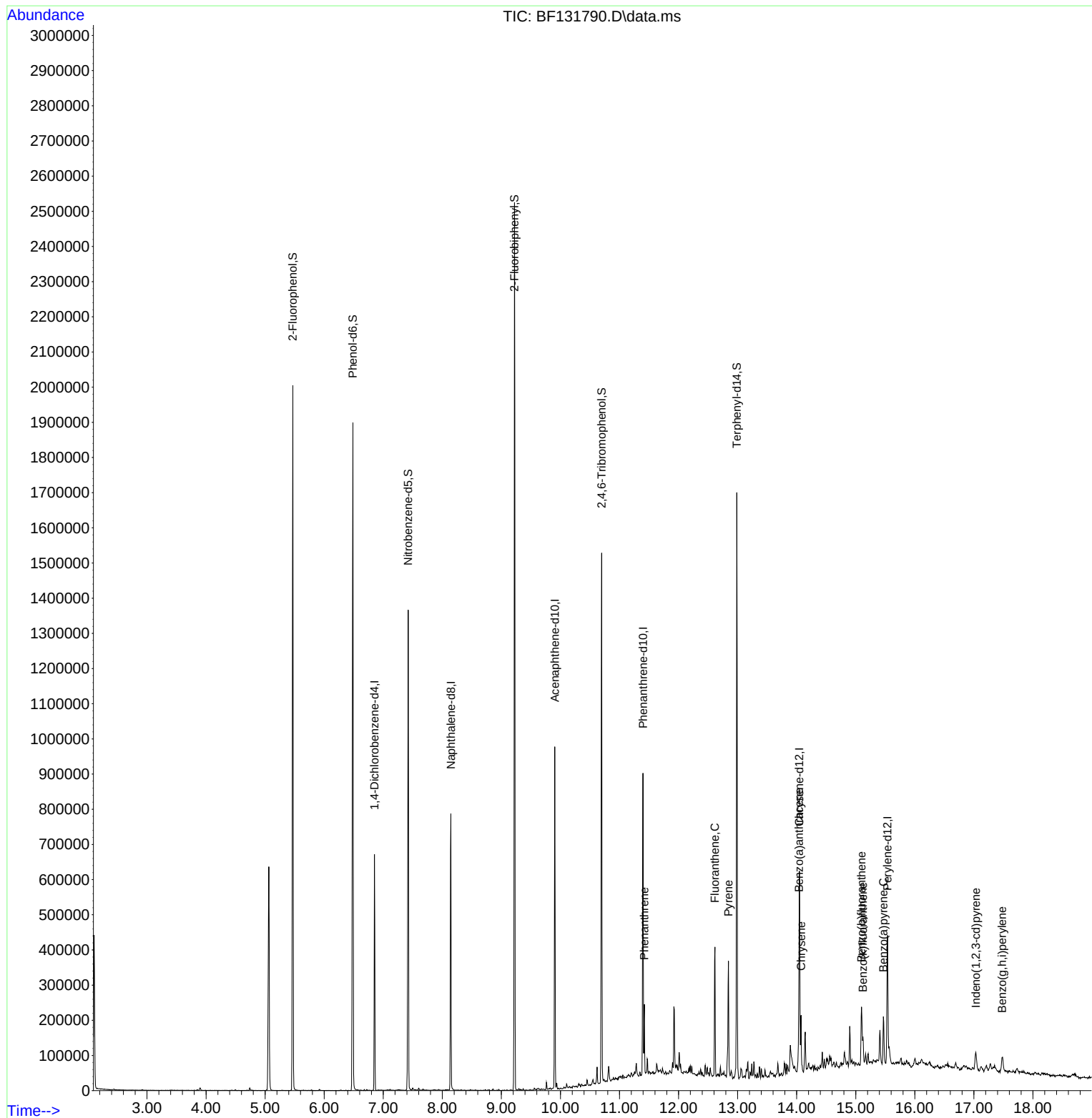
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131790.D
Acq On : 22 Dec 2022 22:24
Operator : CG\JU
Sample : N6097-01
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ALS Vial : 13 Sample Multiplier: 1

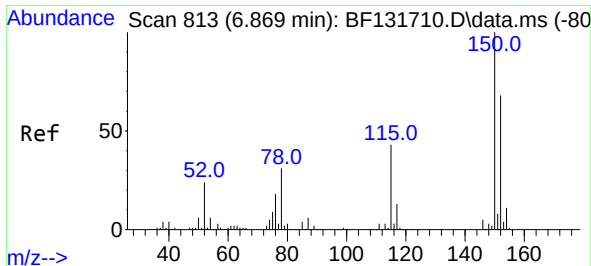
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01

Quant Time: Dec 23 03:36:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 03:03:57 2022
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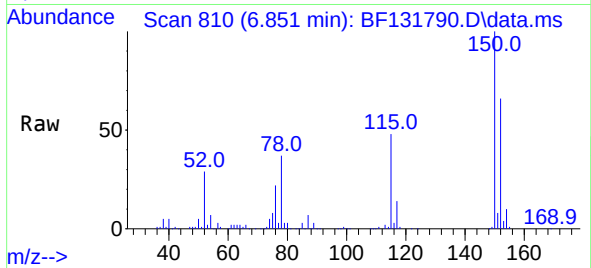
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

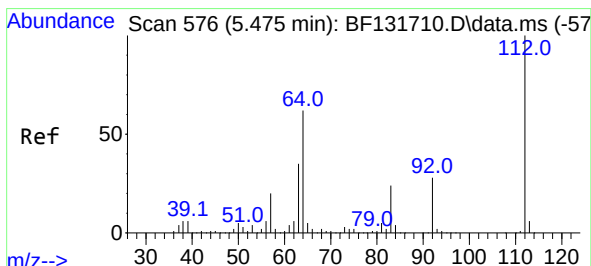
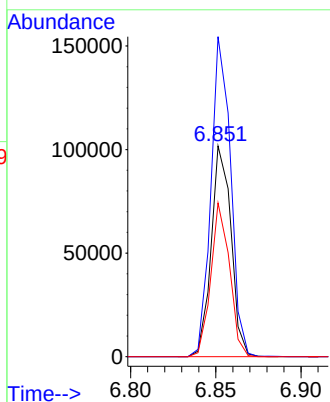
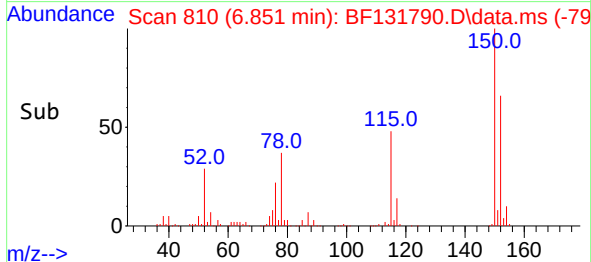
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01



Tgt Ion:152 Resp: 82170
Ion Ratio Lower Upper
152 100
150 151.8 117.4 176.0
115 73.0 50.2 75.4

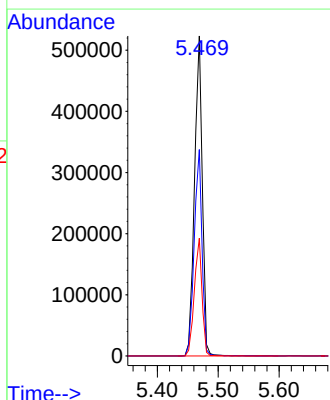
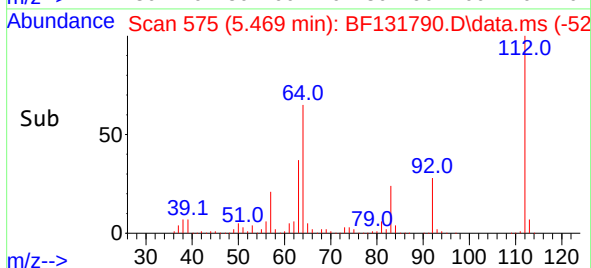
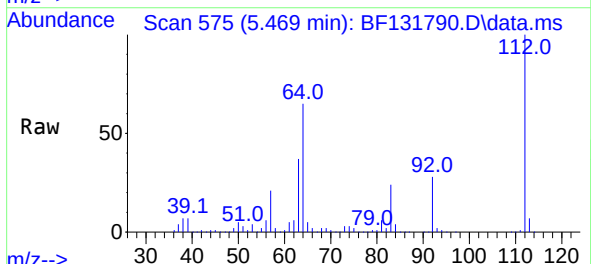
Manual Integrations
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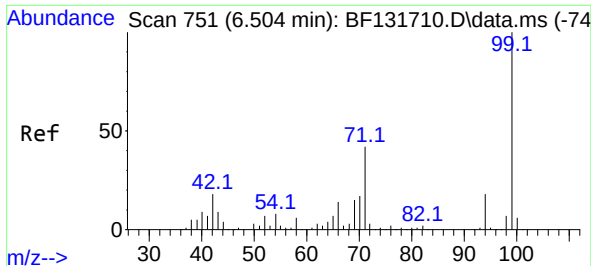
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#5
2-Fluorophenol
Concen: 95.458 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

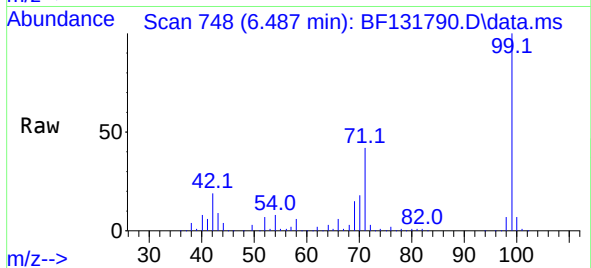
Tgt Ion:112 Resp: 465846
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 36.8 28.2 42.2





#7
Phenol-d6
Concen: 93.149 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

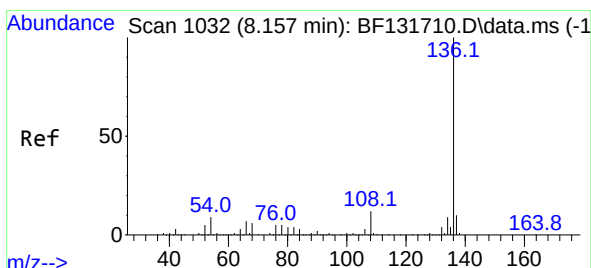
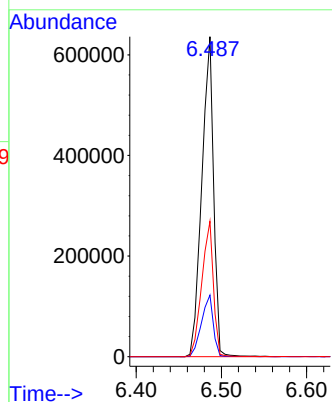
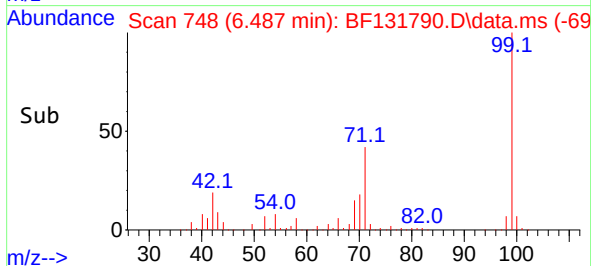
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ClientSampleId :
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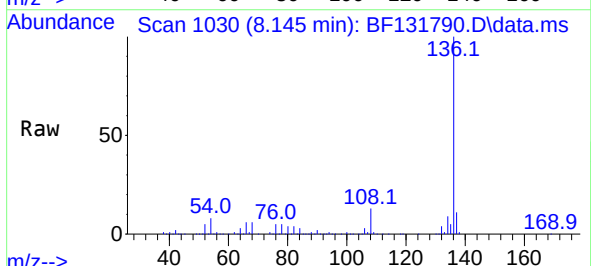
Tgt Ion: 99 Resp: 611854
Ion Ratio Lower Upper
99 100
42 19.3 14.8 22.2
71 42.3 33.8 50.6

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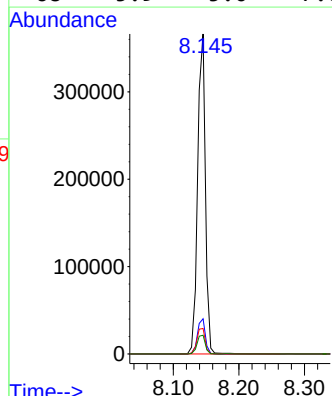
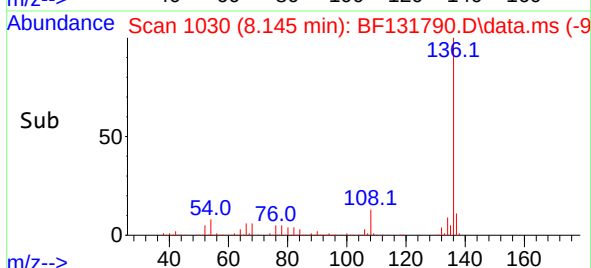
Reviewed By :Christian Giraldo 12/23/2022
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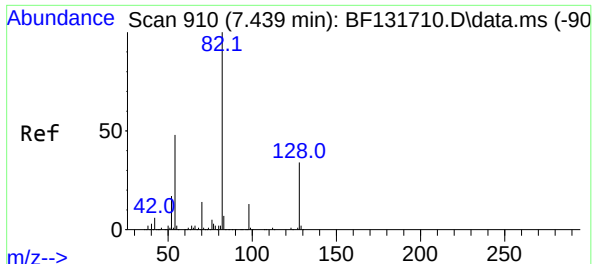


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24



Tgt Ion:136 Resp: 301285
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 7.2 10.8
68 5.9 5.0 7.6





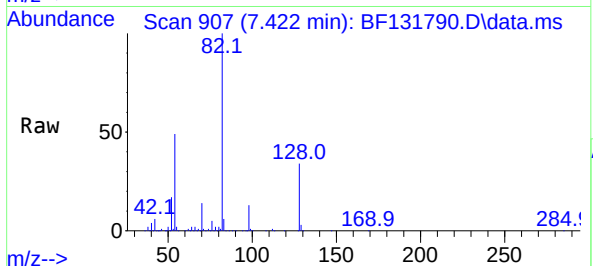
#23
Nitrobenzene-d5
Concen: 59.398 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP1-COMP-01

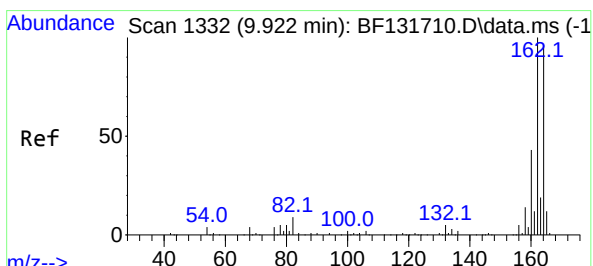
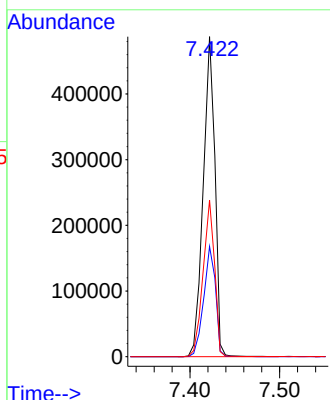
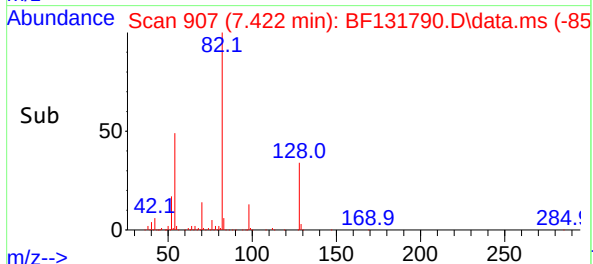


Tgt Ion: 82 Resp: 440822
Ion Ratio Lower Upper
82 100
128 34.4 27.3 40.9
54 49.0 38.2 57.2

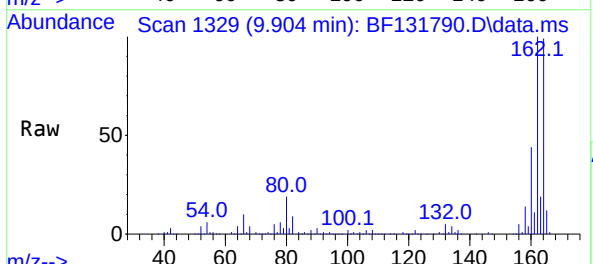
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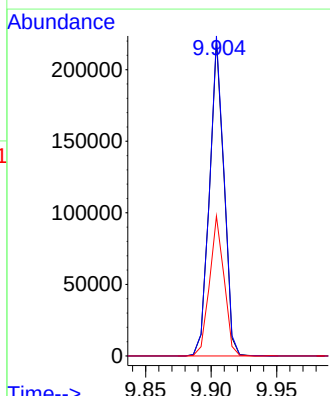
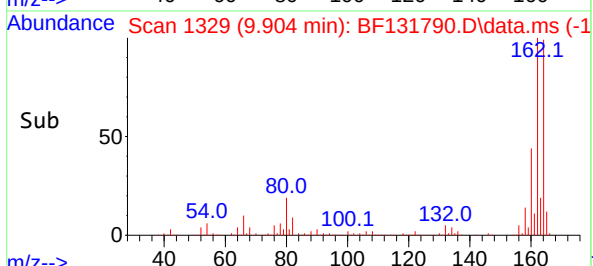
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022

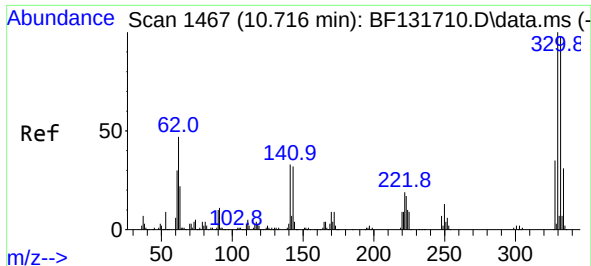


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24



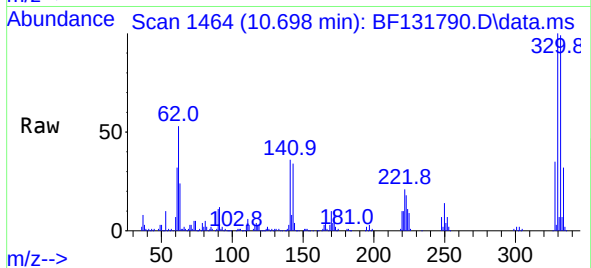
Tgt Ion:164 Resp: 169319
Ion Ratio Lower Upper
164 100
162 101.3 83.7 125.5
160 44.3 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 79.767 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

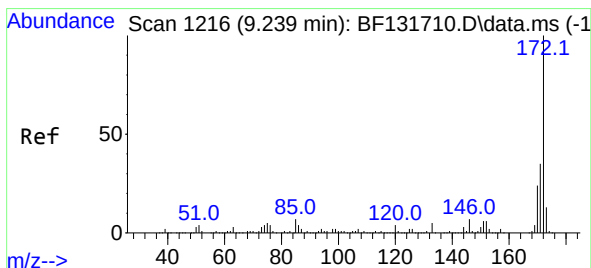
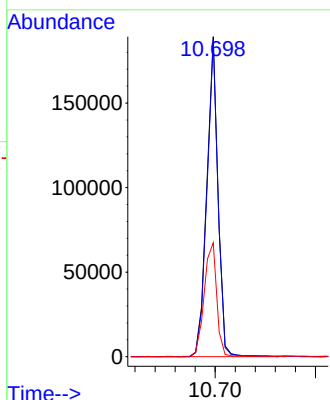
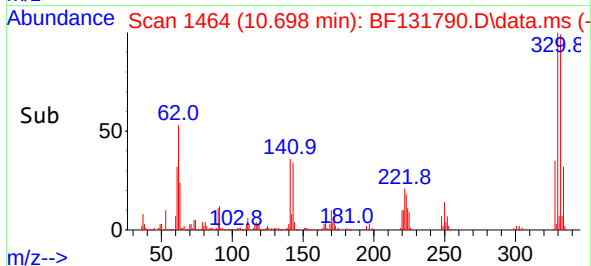
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01



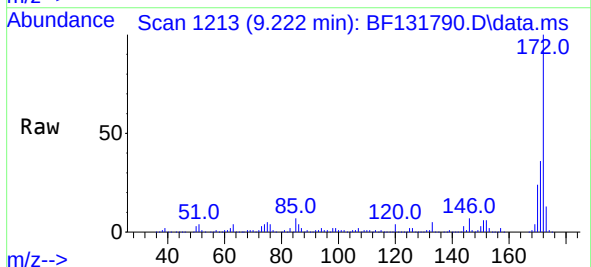
Tgt Ion:330 Resp: 147830
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 40.2 30.4 45.6

Manual Integrations
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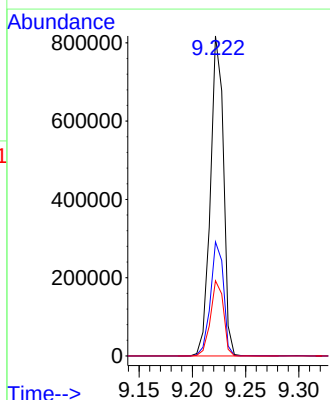
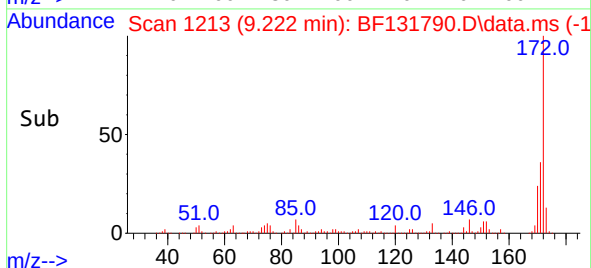
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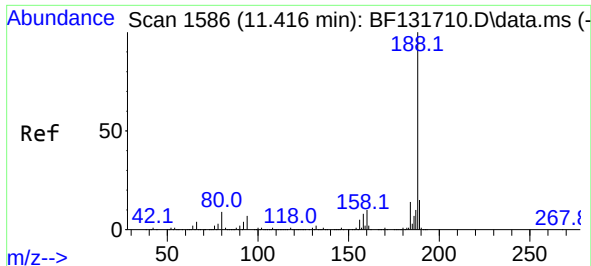


#45
2-Fluorobiphenyl
Concen: 57.692 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24



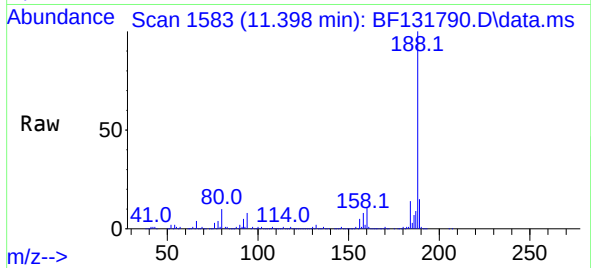
Tgt Ion:172 Resp: 697328
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

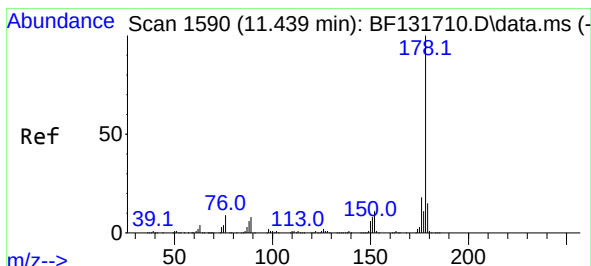
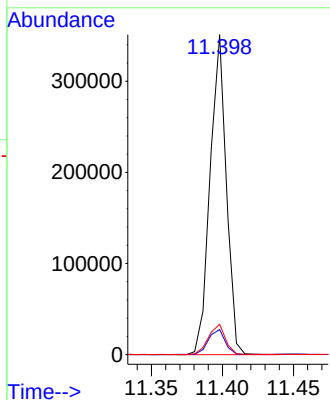
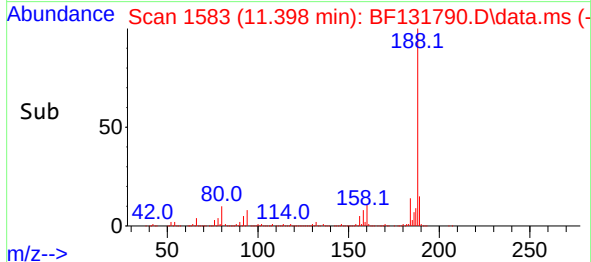
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FVSUB-TP1-COMP-01



Tgt Ion:188 Resp: 278945
Ion Ratio Lower Upper
188 100
94 7.8 5.9 8.9
80 9.5 7.0 10.6

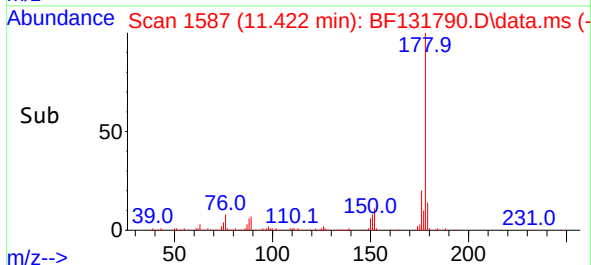
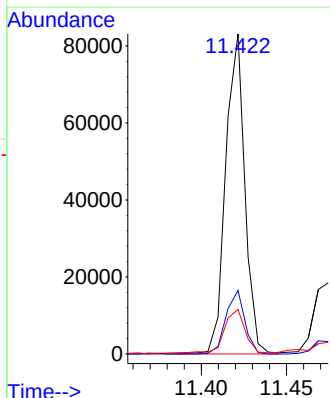
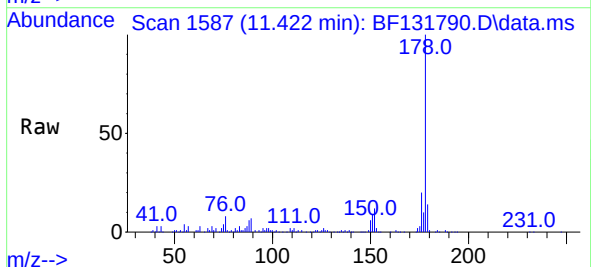
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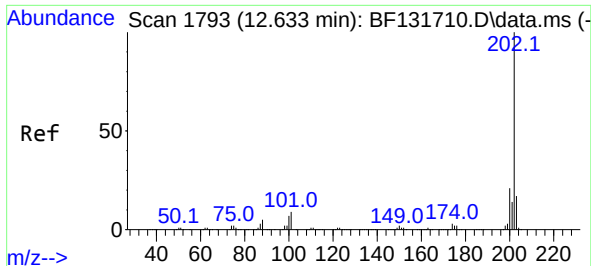
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#71
Phenanthrene
Concen: 4.278 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

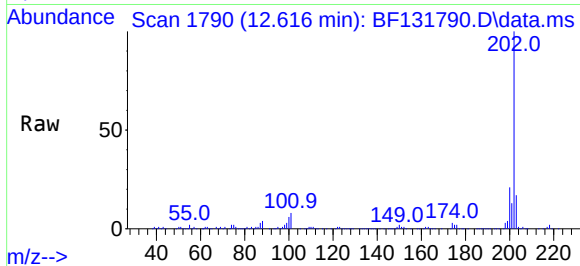
Tgt Ion:178 Resp: 65069
Ion Ratio Lower Upper
178 100
176 19.8 14.8 22.2
179 13.9 12.2 18.4





#75
Fluoranthene
Concen: 8.435 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

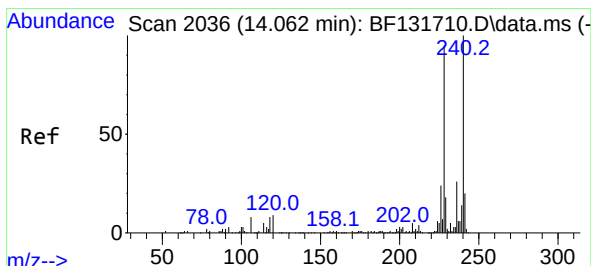
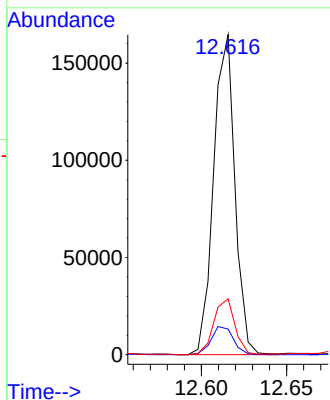
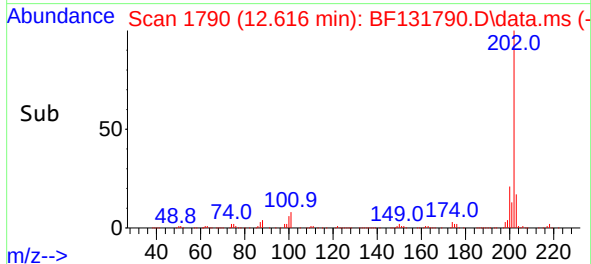
Instrument :
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FVSUB-TP1-COMP-01



Tgt Ion:202 Resp: 142885
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.8
203 17.5 0.0 37.1

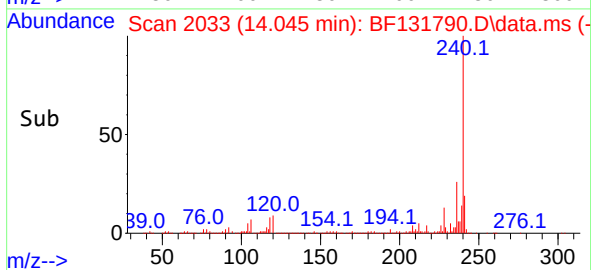
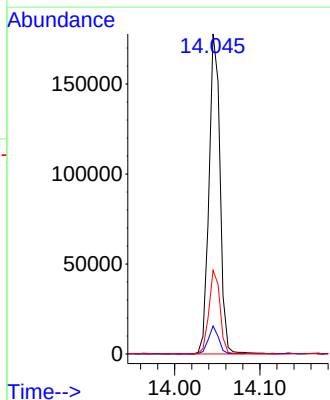
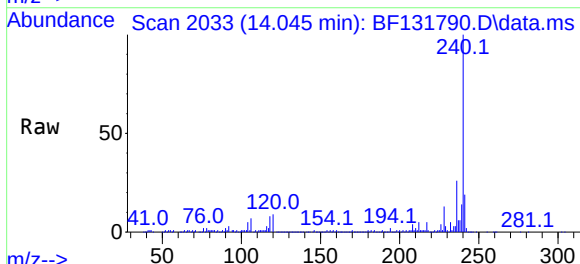
Manual Integrations
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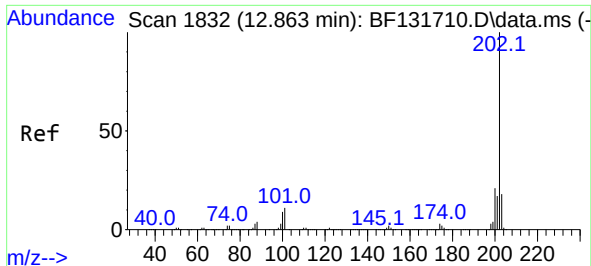
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

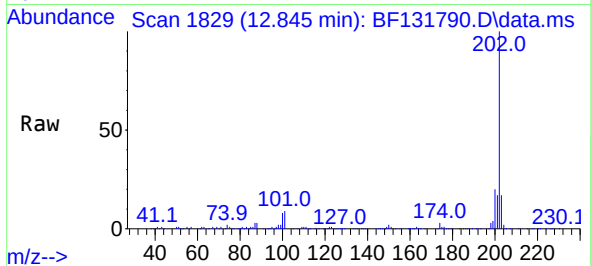
Tgt Ion:240 Resp: 160130
Ion Ratio Lower Upper
240 100
120 8.7 7.6 11.4
236 26.2 21.2 31.8





#78
Pyrene
Concen: 9.060 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

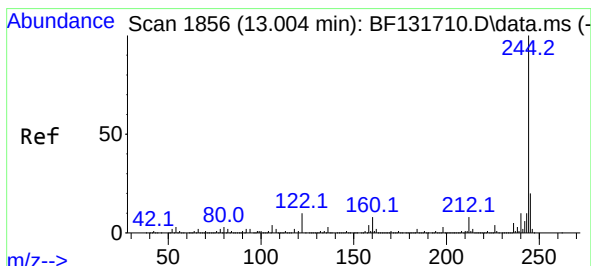
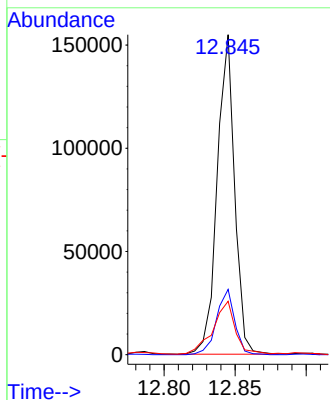
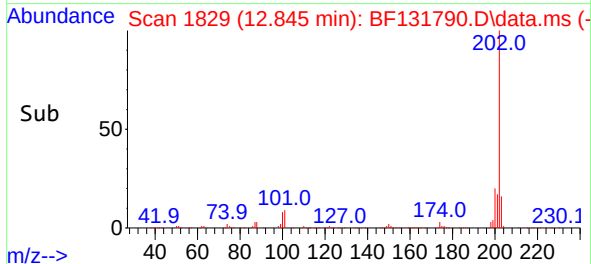
Instrument :
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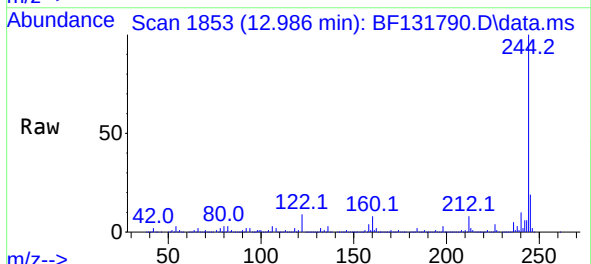
Tgt Ion:202 Resp: 131904
Ion Ratio Lower Upper
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200 20.4 17.1 25.7
203 16.7 14.1 21.1

Manual Integrations
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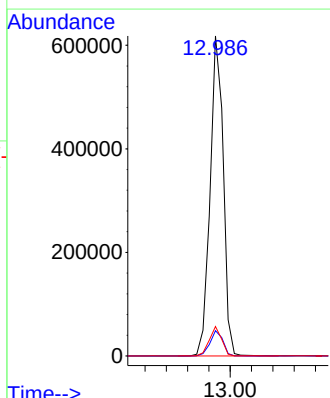
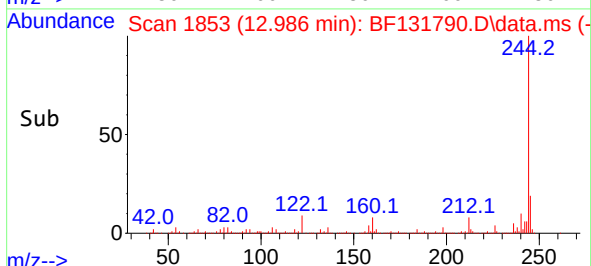
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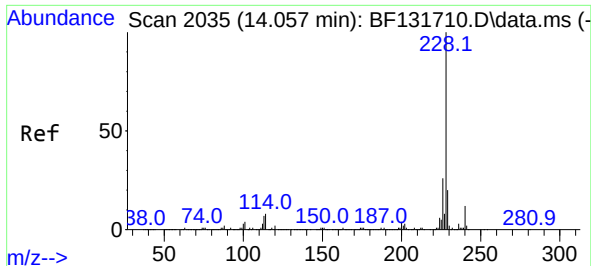


#79
Terphenyl-d14
Concen: 51.531 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24



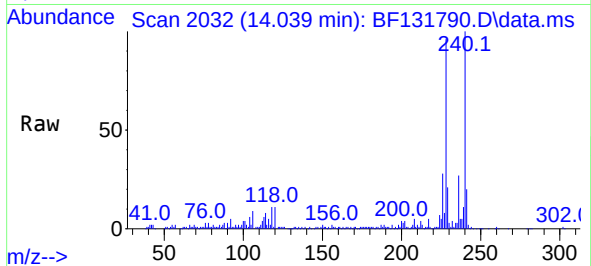
Tgt Ion:244 Resp: 529448
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.2 7.7 11.5





#81
Benzo(a)anthracene
Concen: 5.910 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

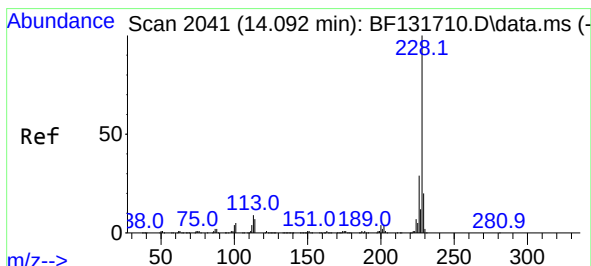
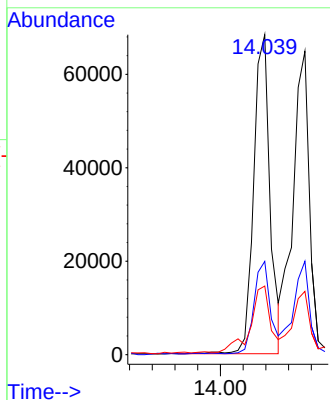
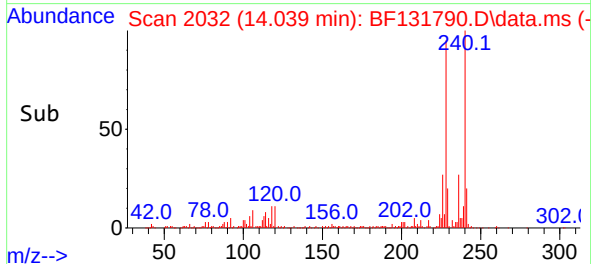
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01



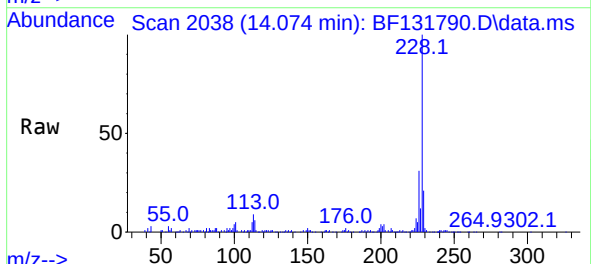
Tgt Ion:228 Resp: 6815
Ion Ratio Lower Upper
228 100
226 29.2 21.0 31.4
229 21.4 15.8 23.8

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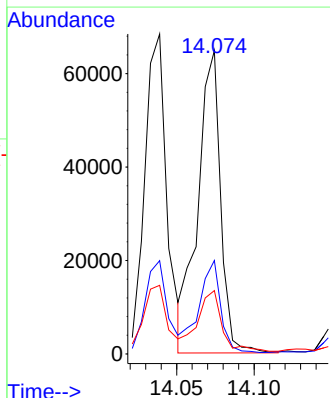
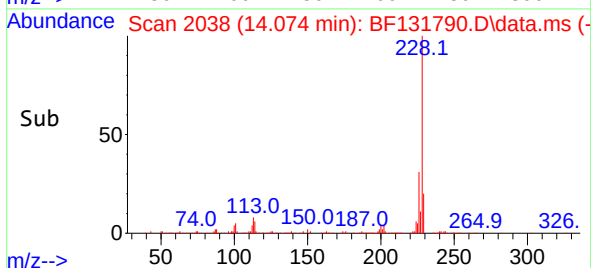
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022

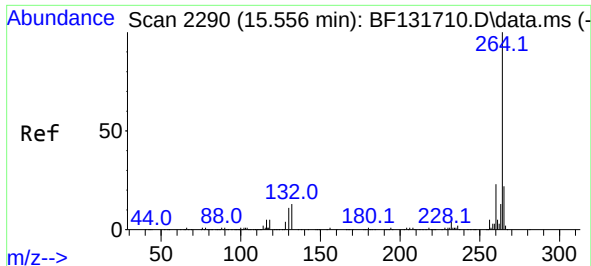


#83
Chrysene
Concen: 6.086 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24



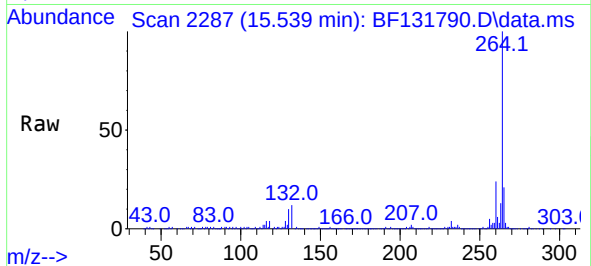
Tgt Ion:228 Resp: 66242
Ion Ratio Lower Upper
228 100
226 30.8 23.5 35.3
229 20.9 15.6 23.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

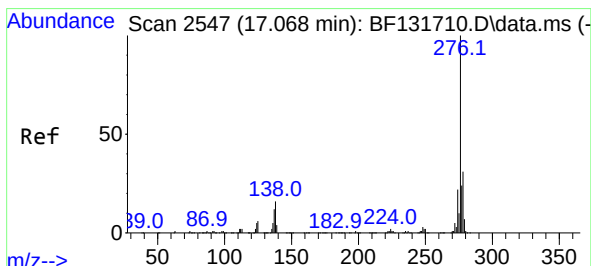
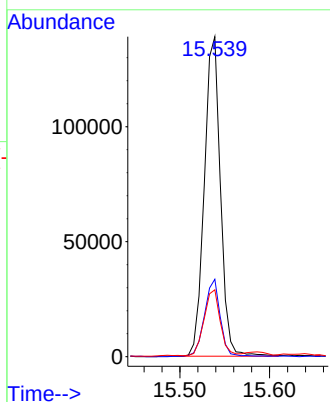
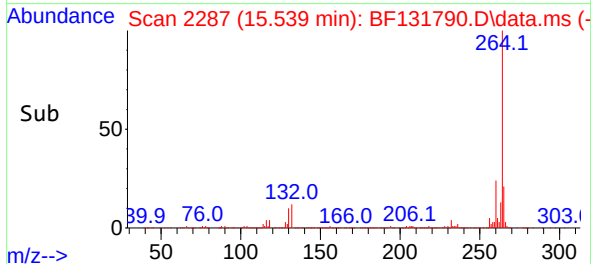
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01



Tgt Ion:264 Resp: 173389
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 20.9 17.4 26.2

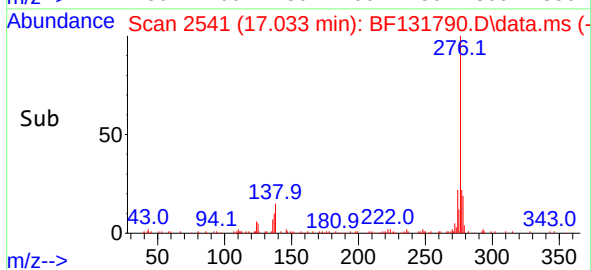
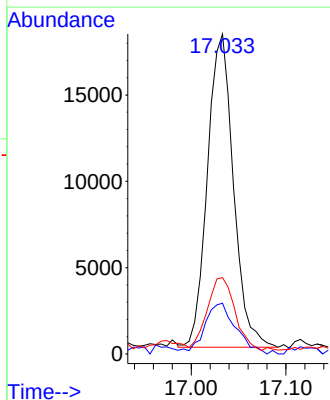
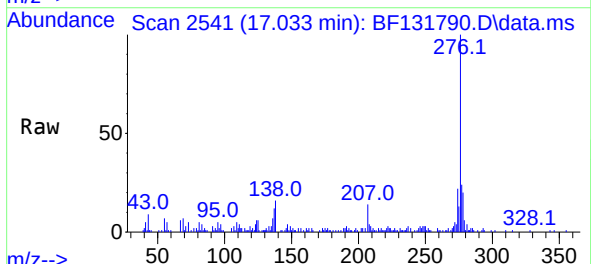
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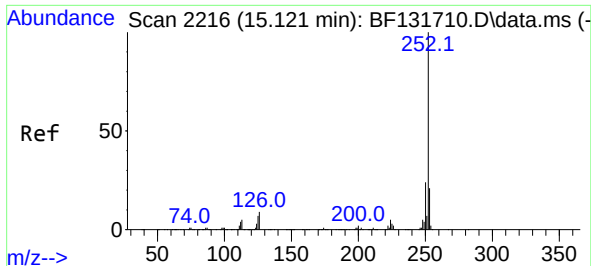
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.979 ng
RT: 17.033 min Scan# 2541
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

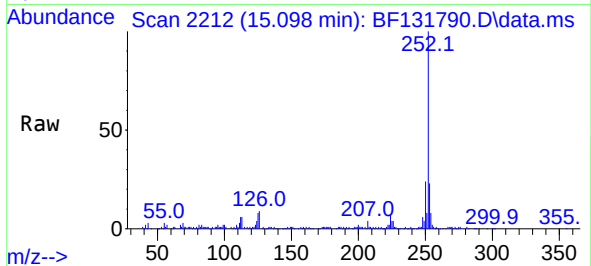
Tgt Ion:276 Resp: 34694
Ion Ratio Lower Upper
276 100
138 19.8 14.4 21.6
277 24.9 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 7.289 ng m
RT: 15.098 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

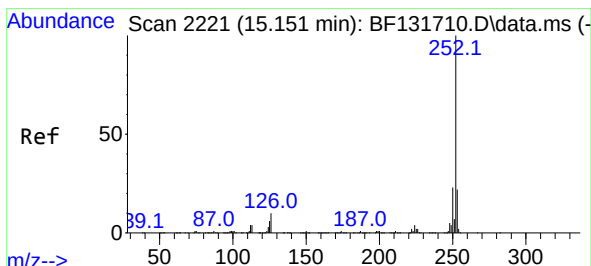
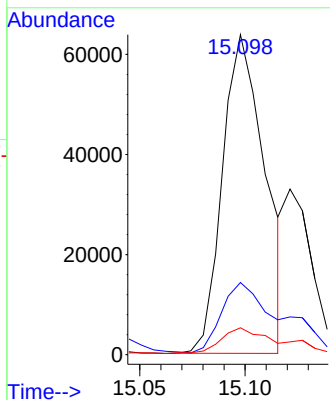
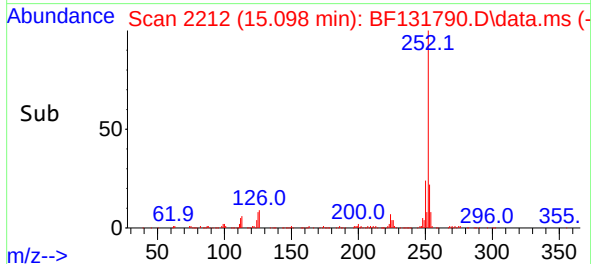
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01



Tgt Ion:252 Resp: 8941
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 8.4 5.5 8.3

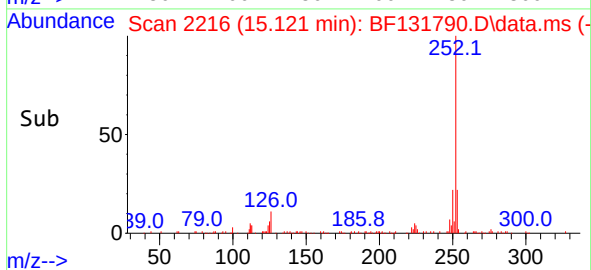
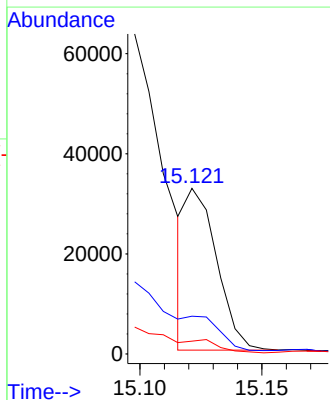
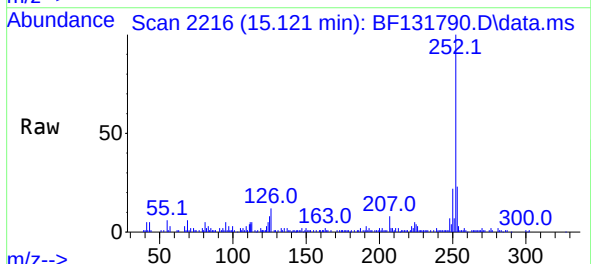
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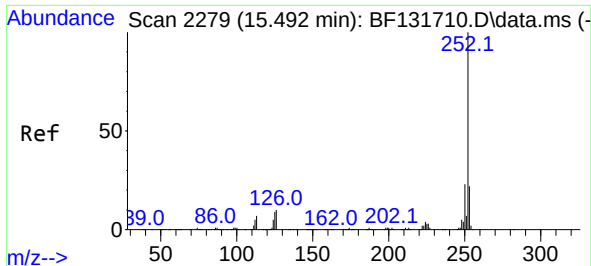
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#89
Benzo(k)fluoranthene
Concen: 2.364 ng m
RT: 15.121 min Scan# 2216
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

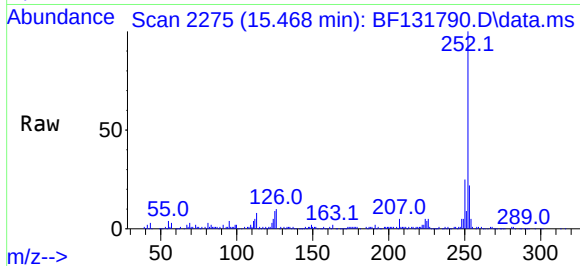
Tgt Ion:252 Resp: 28300
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 7.7 5.2 7.8





#90
Benzo(a)pyrene
Concen: 6.690 ng
RT: 15.468 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24

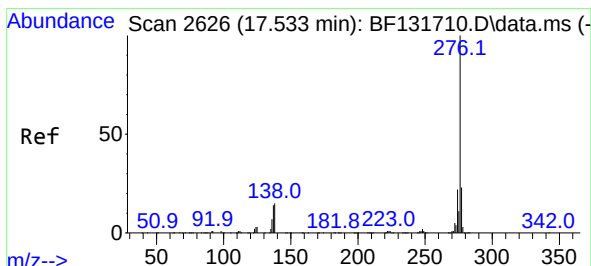
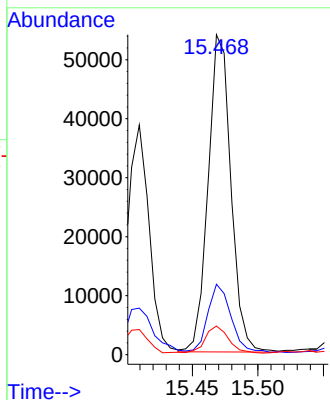
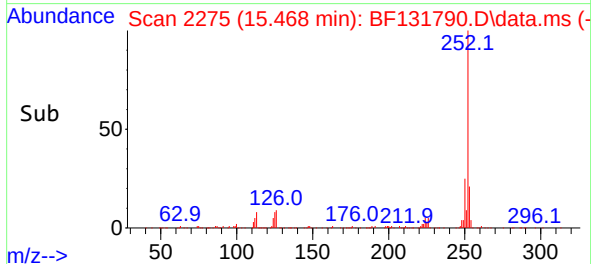
Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01



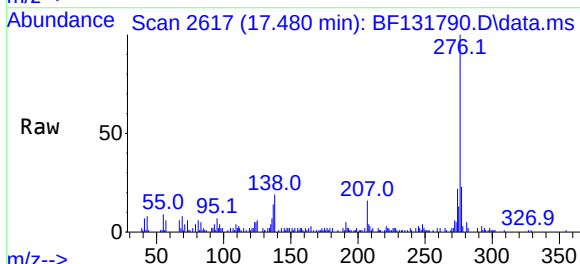
Tgt Ion:252 Resp: 65000
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.0 7.0 10.4

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Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#92
Benzo(g,h,i)perylene
Concen: 3.762 ng
RT: 17.480 min Scan# 2617
Delta R.T. -0.018 min
Lab File: BF131790.D
Acq: 22 Dec 2022 22:24



Tgt Ion:276 Resp: 35788
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 18.8 12.3 18.5#

