

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131886.D
 Acq On : 29 Dec 2022 19:26
 Operator : CG\JU
 Sample : N6231-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2S

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2022
 Supervised By :Yogesh Patel 12/30/2022

Quant Time: Dec 30 02:12:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	64176	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	213966	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	105988	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	169774	20.000	ng	0.00
76) Chrysene-d12	14.010	240	127065	20.000	ng	0.00
86) Perylene-d12	15.492	264	100595	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	421349	108.805	ng	0.01
7) Phenol-d6	6.451	99	544307	106.984	ng	0.00
23) Nitrobenzene-d5	7.387	82	362967	67.729	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	104411	90.669	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	543652	70.259	ng	0.00
79) Terphenyl-d14	12.951	244	478848	63.745	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	57755	6.186	ng	98
75) Fluoranthene	12.580	202	87687	8.063	ng	98
78) Pyrene	12.810	202	85035	7.984	ng	98
81) Benzo(a)anthracene	14.004	228	42558	4.626	ng	96
83) Chrysene	14.039	228	38827	4.491	ng	96
87) Indeno(1,2,3-cd)pyrene	16.974	276	20084	3.143	ng	# 91
88) Benzo(b)fluoranthene	15.057	252	50655m	6.867	ng	
90) Benzo(a)pyrene	15.427	252	32723	5.730	ng	# 93
92) Benzo(g,h,i)perylene	17.427	276	20689	8.223	ng	96

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

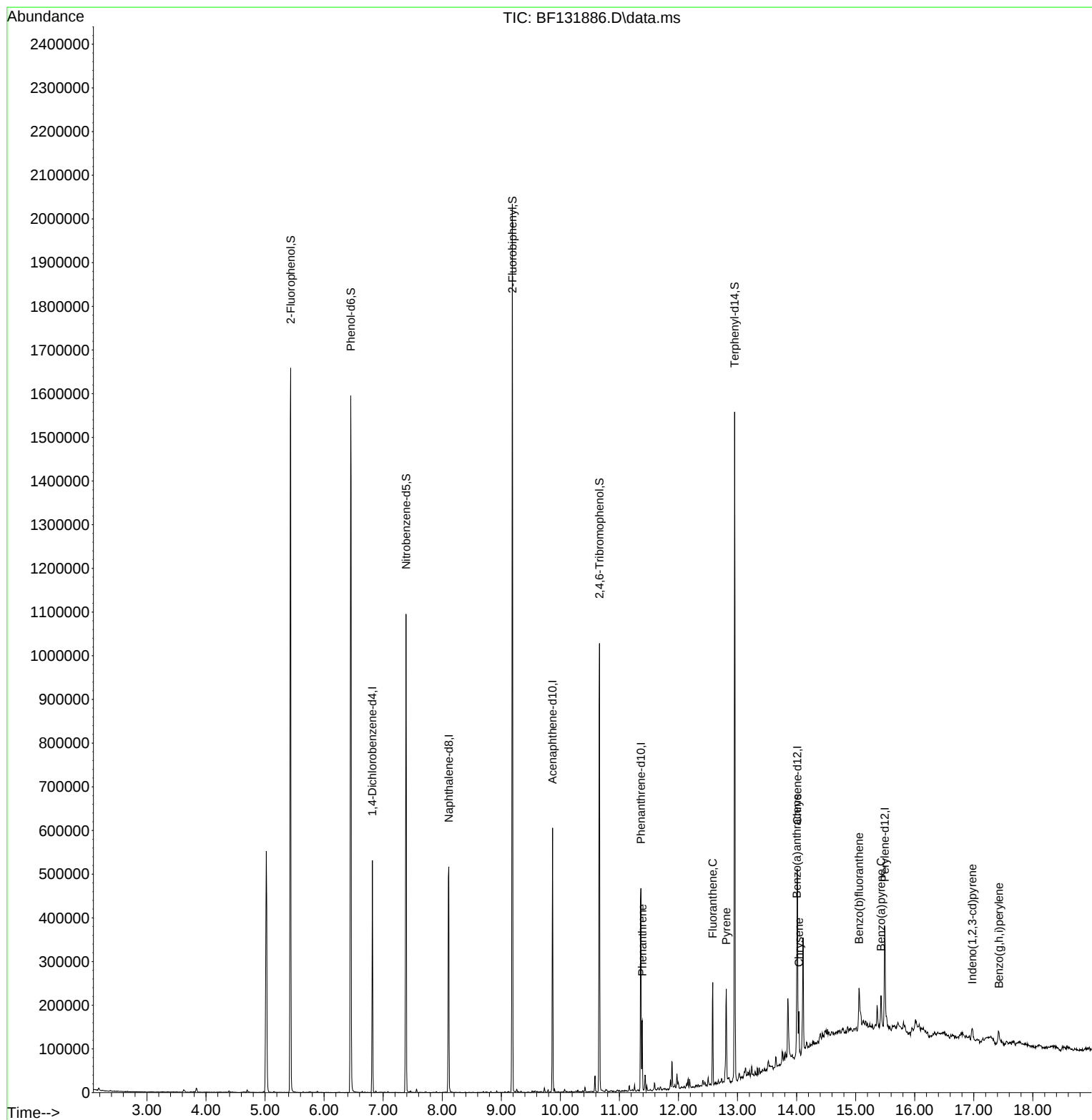
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131886.D
Acq On : 29 Dec 2022 19:26
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Sample : N6231-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

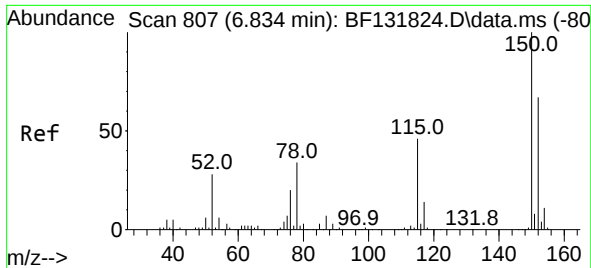
Instrument :
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Quant Time: Dec 30 02:12:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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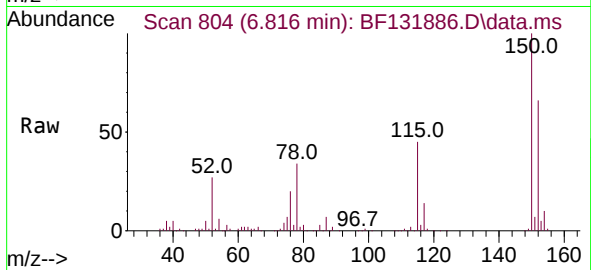
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

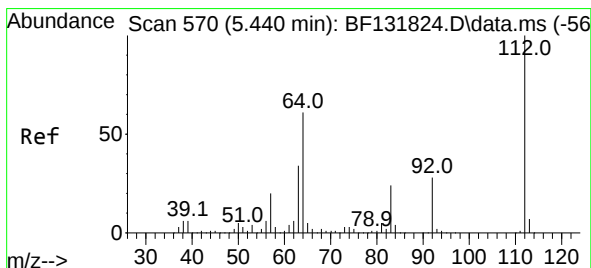
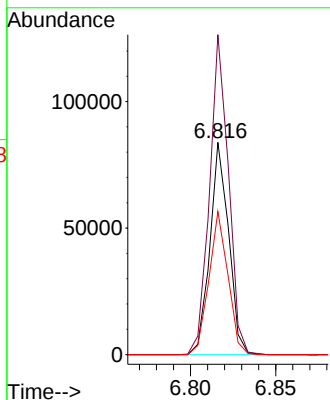
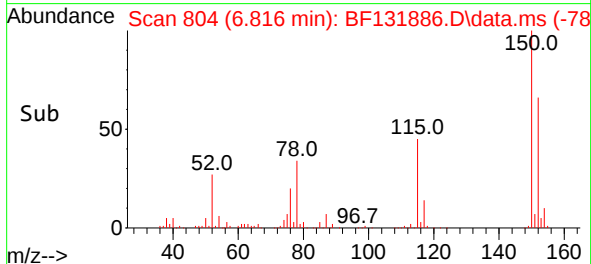
Instrument :
BNA_F
Client SampleId :
TP-2S



Tgt Ion:152 Resp: 64176
Ion Ratio Lower Upper
152 100
150 150.7 120.0 180.0
115 67.4 55.1 82.7

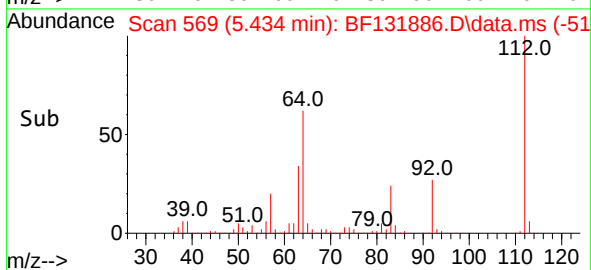
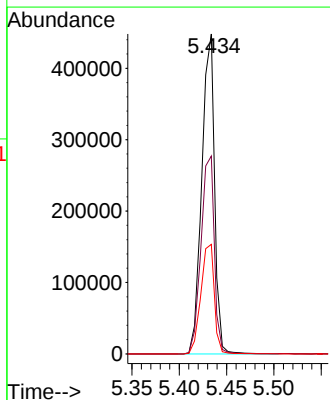
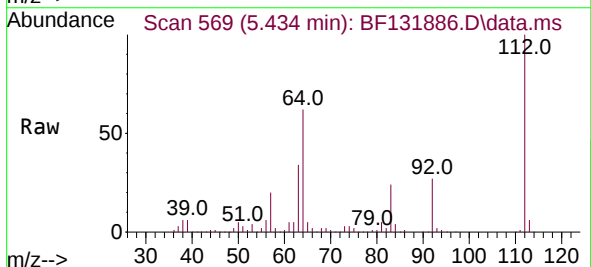
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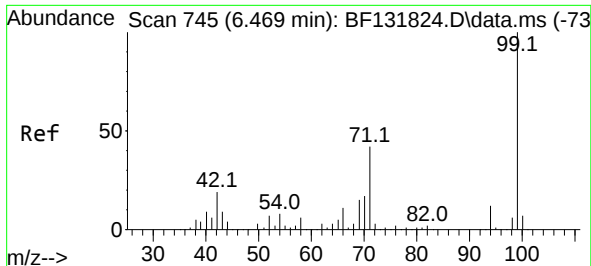
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Supervised By :Yogesh Patel 12/30/2022



#5
2-Fluorophenol
Concen: 108.805 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

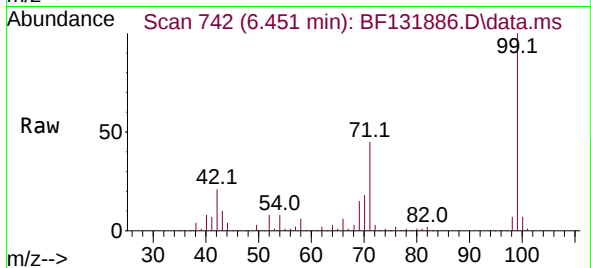
Tgt Ion:112 Resp: 421349
Ion Ratio Lower Upper
112 100
64 61.8 49.2 73.8
63 34.2 27.5 41.3





#7
Phenol-d6
Concen: 106.984 ng
RT: 6.451 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

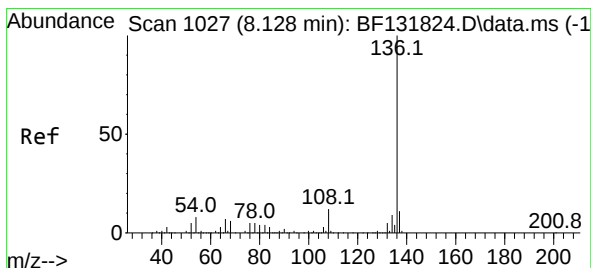
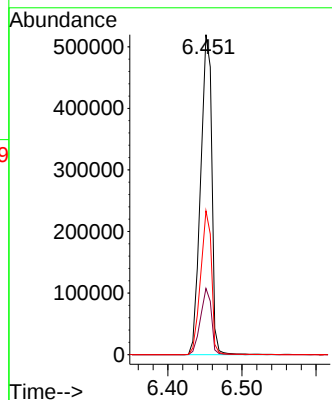
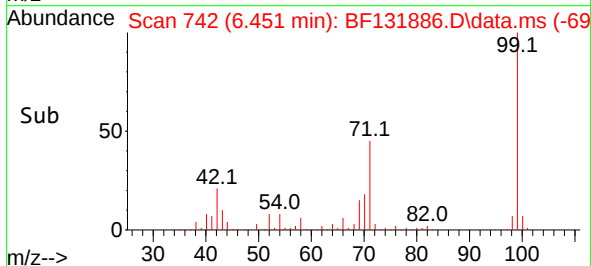
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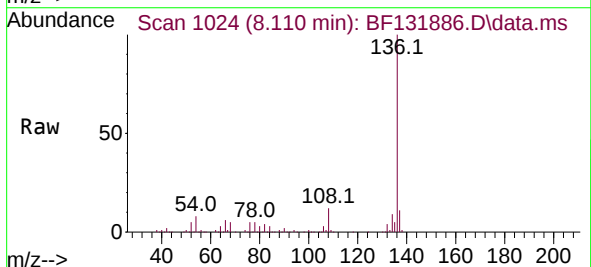
Tgt Ion: 99 Resp: 544307
Ion Ratio Lower Upper
99 100
42 20.7 15.3 22.9
71 44.9 33.5 50.3

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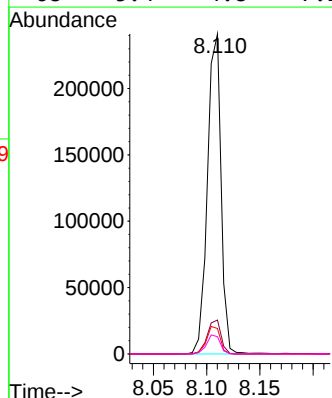
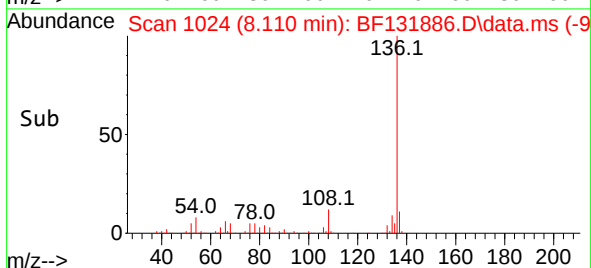
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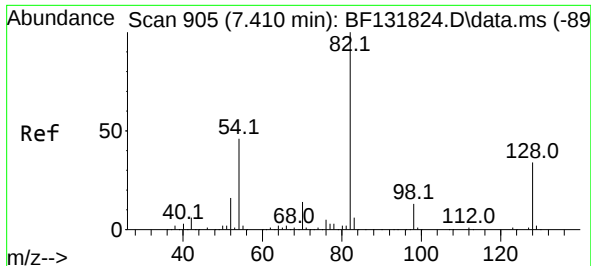


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26



Tgt Ion:136 Resp: 213966
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.9 6.7 10.1
68 5.4 4.8 7.2





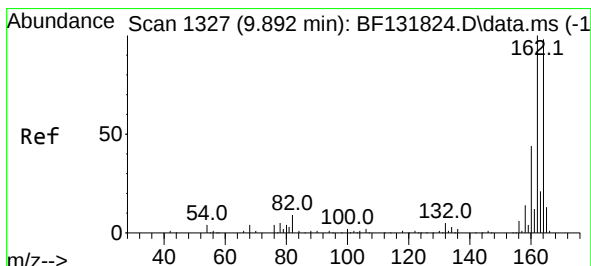
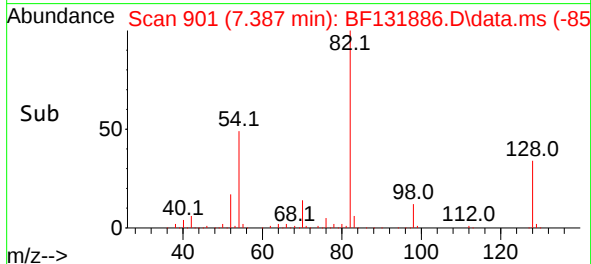
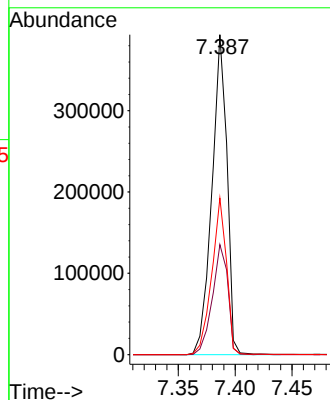
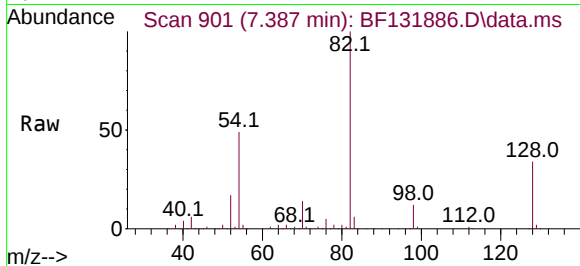
#23
Nitrobenzene-d5
Concen: 67.729 ng
RT: 7.387 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

Instrument :
BNA_F
ClientSampleId :
TP-2S

Tgt Ion: 82 Resp: 362962
Ion Ratio Lower Upper
82 100
128 34.4 27.1 40.7
54 49.0 37.0 55.6

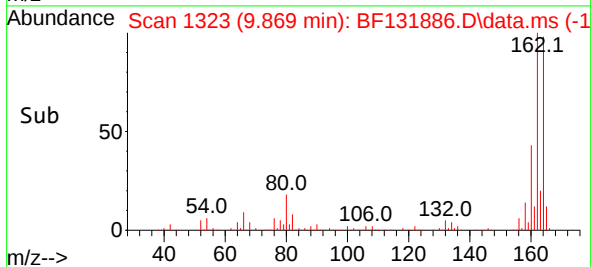
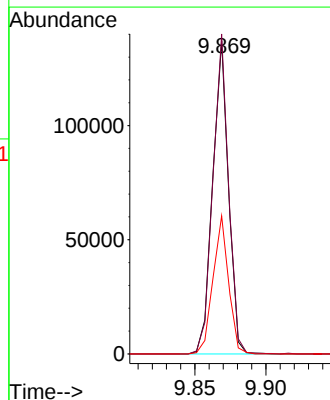
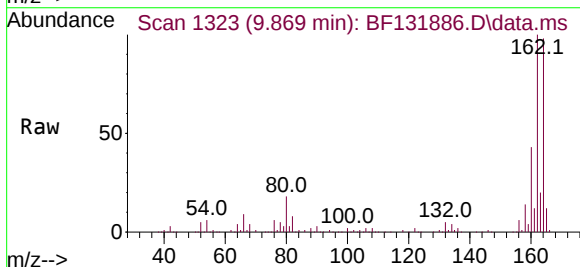
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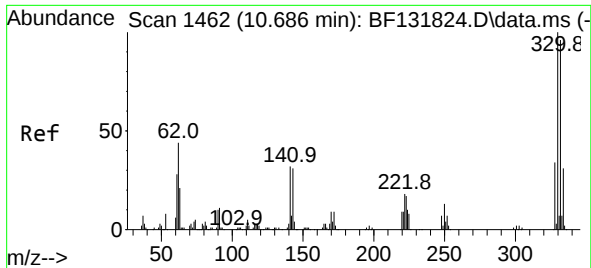
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

Tgt Ion:164 Resp: 105988
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 44.1 35.7 53.5





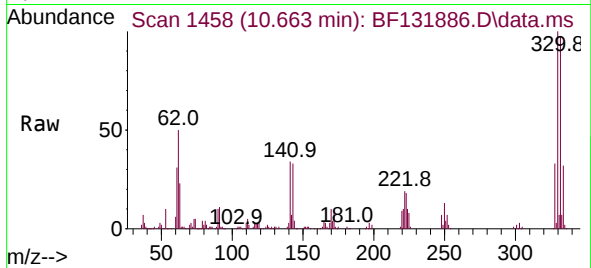
#42
2,4,6-Tribromophenol
Concen: 90.669 ng
RT: 10.663 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

Instrument :

BNA_F

ClientSampleId :

TP-2S

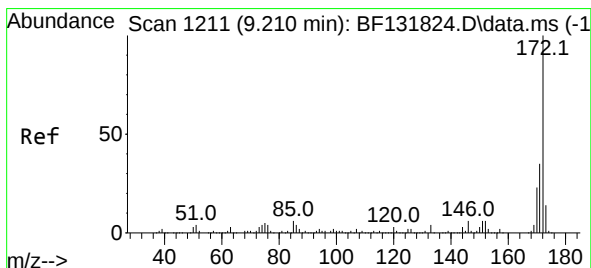
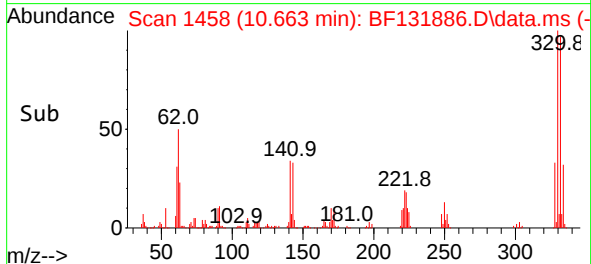
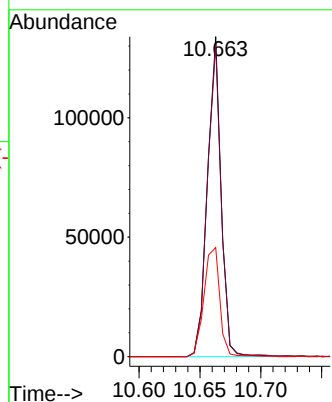


Tgt Ion: 330 Resp: 104411
Ion Ratio Lower Upper
330 100
332 99.0 77.0 115.4
141 39.8 31.0 46.4

Manual Integrations

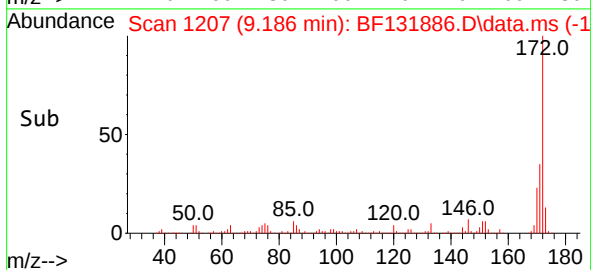
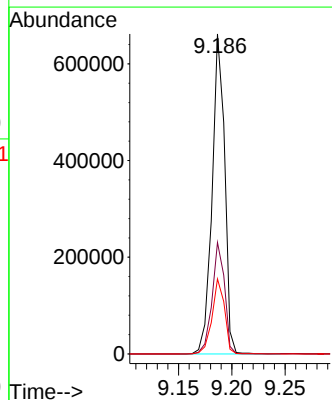
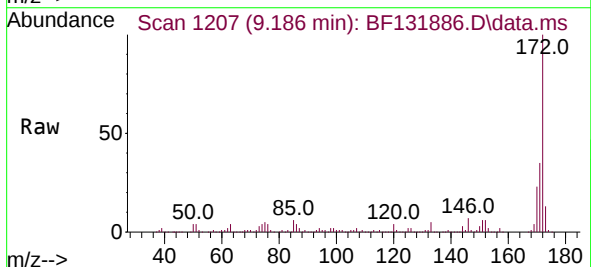
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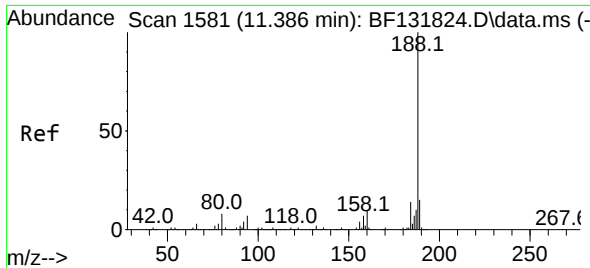
Reviewed By : Jagrut Upadhyay 12/30/2022
Supervised By : Yogesh Patel 12/30/2022



#45
2-Fluorobiphenyl
Concen: 70.259 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

Tgt Ion: 172 Resp: 543652
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.4 18.7 28.1





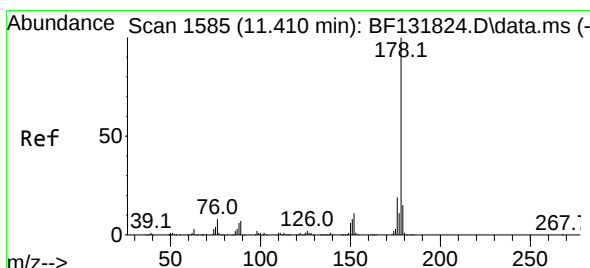
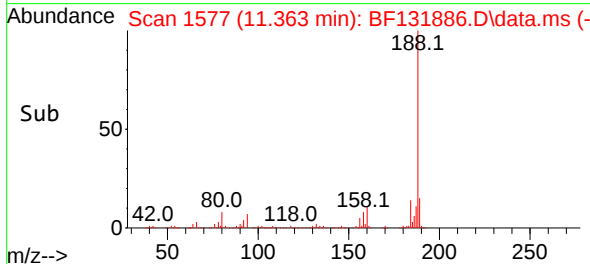
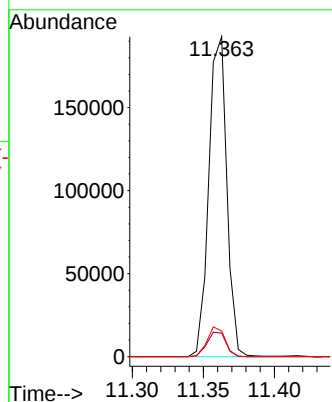
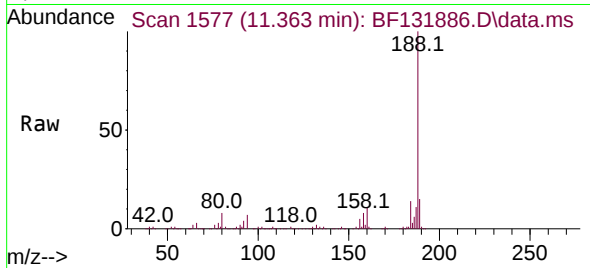
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11363
Delta R.T. -0.000 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

Instrument :
BNA_F
ClientSampleId :
TP-2S

Tgt Ion:188 Resp: 169774
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 8.0 6.7 10.1

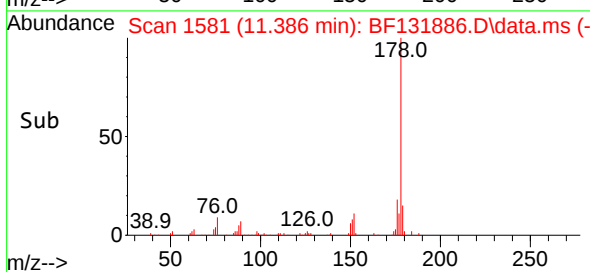
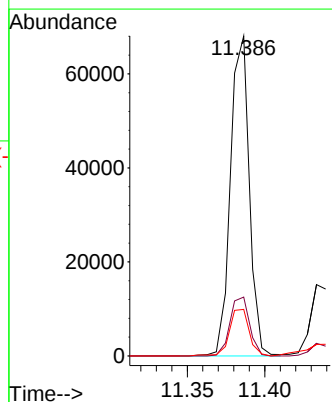
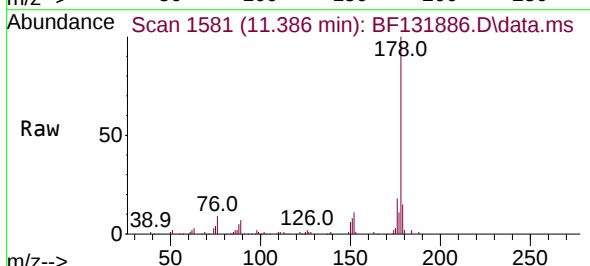
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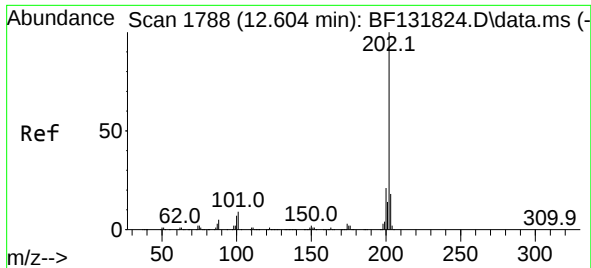
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Supervised By :Yogesh Patel 12/30/2022



#71
Phenanthrene
Concen: 6.186 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

Tgt Ion:178 Resp: 57755
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 14.5 12.2 18.4





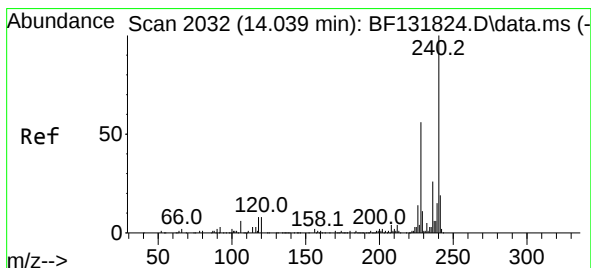
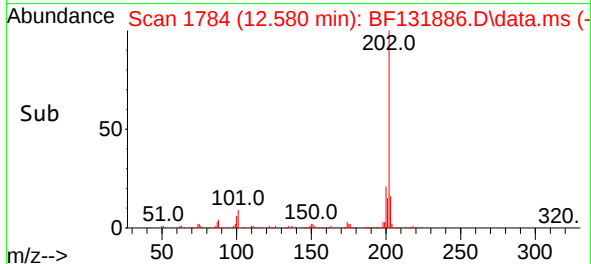
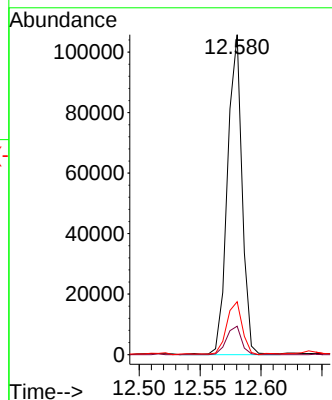
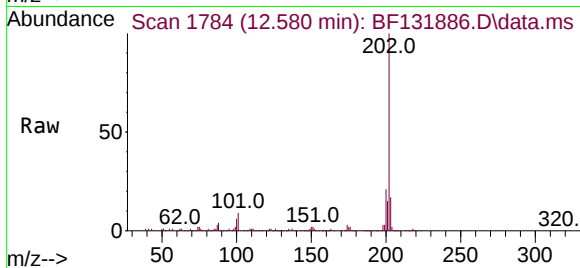
#75
Fluoranthene
Concen: 8.063 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

Instrument :
BNA_F
ClientSampleId :
TP-2S

Tgt Ion:202 Resp: 8768
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.6
203 16.5 0.0 37.8

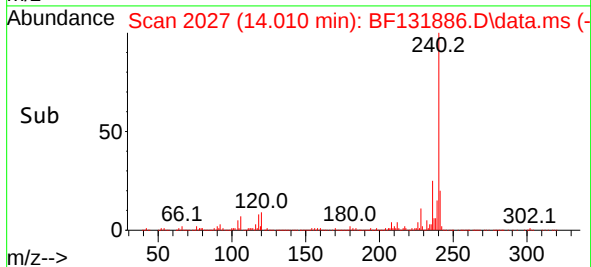
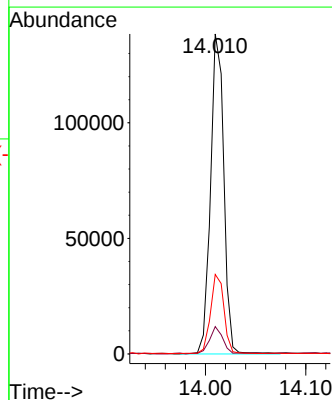
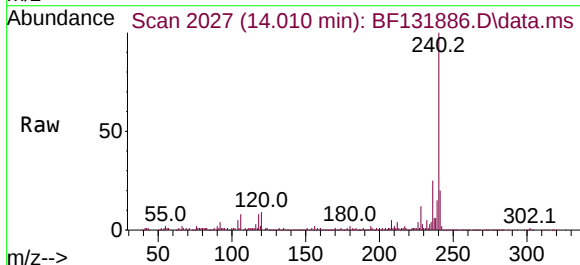
Manual Integrations
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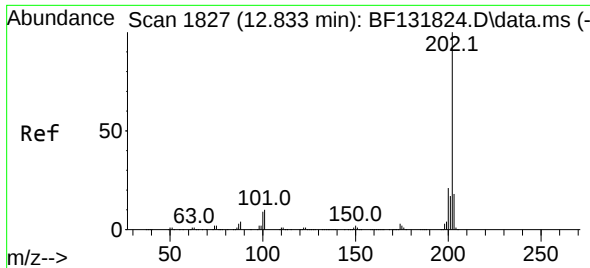
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

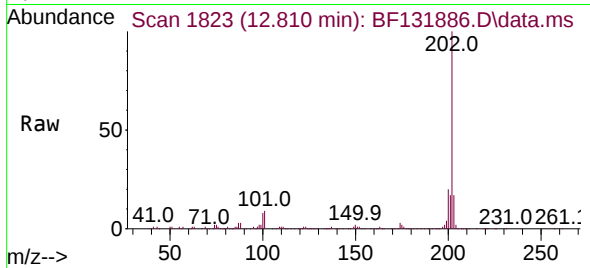
Tgt Ion:240 Resp: 127065
Ion Ratio Lower Upper
240 100
120 8.5 6.7 10.1
236 24.8 20.6 31.0





#78
Pyrene
Concen: 7.984 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

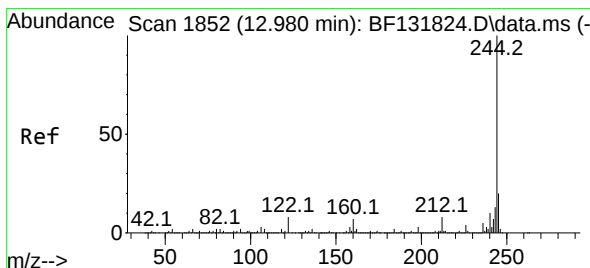
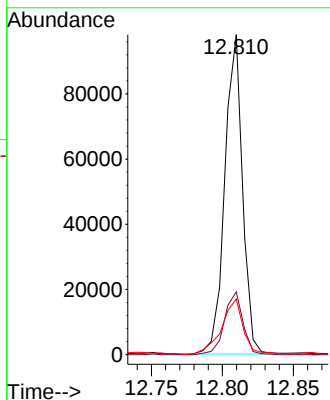
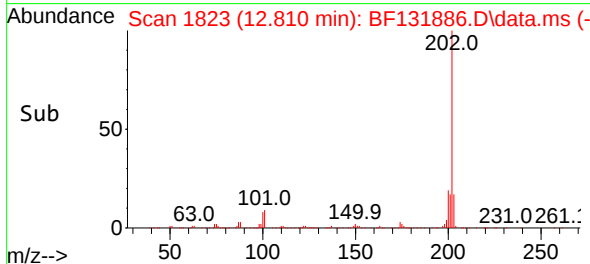
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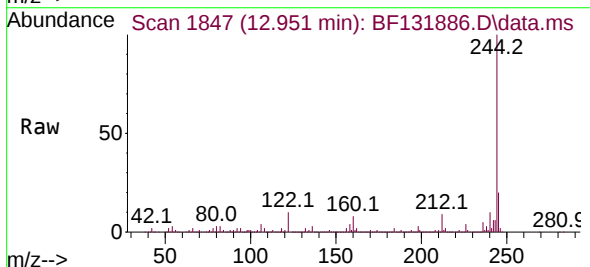
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Ion Ratio Lower Upper
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203 17.3 14.4 21.6

Manual Integrations
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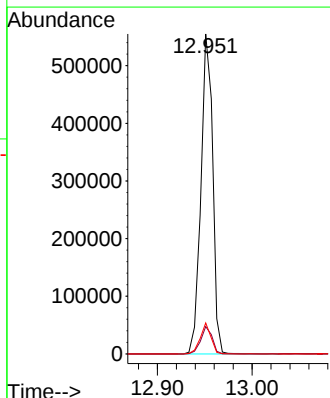
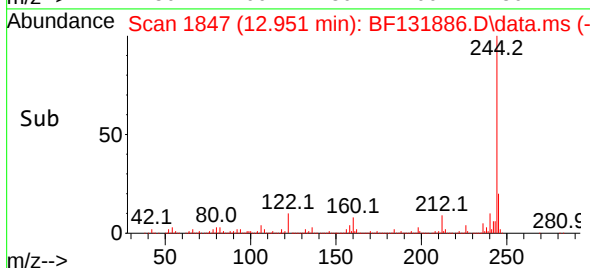
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022

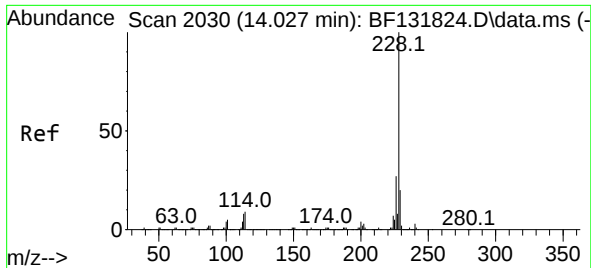


#79
Terphenyl-d14
Concen: 63.745 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26



Tgt Ion:244 Resp: 478848
Ion Ratio Lower Upper
244 100
212 8.5 6.3 9.5
122 9.7 6.4 9.6#





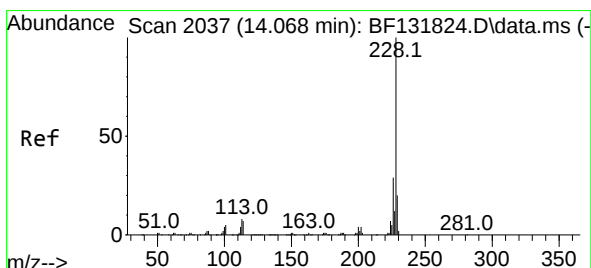
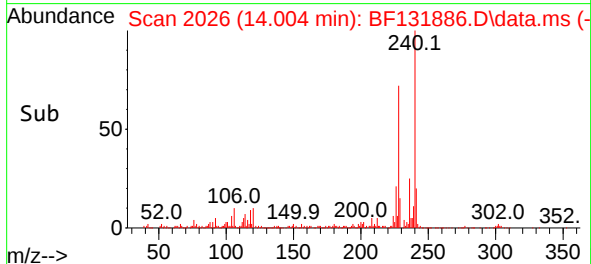
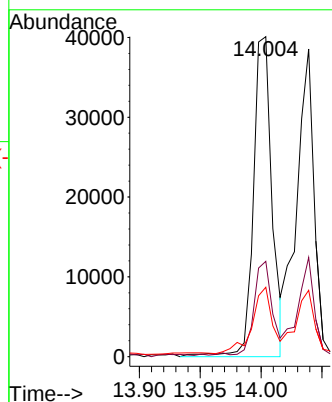
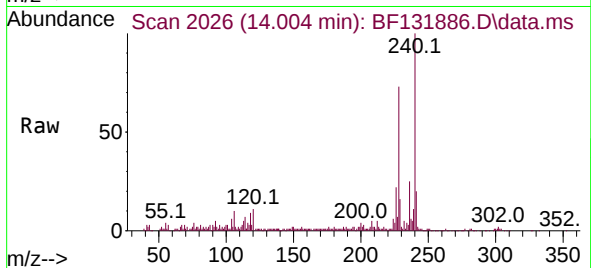
#81
Benzo(a)anthracene
Concen: 4.626 ng
RT: 14.004 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

Instrument :
BNA_F
ClientSampleId :
TP-2S

Tgt Ion:228 Resp: 42558
Ion Ratio Lower Upper
228 100
226 29.8 22.0 33.0
229 21.7 16.0 24.0

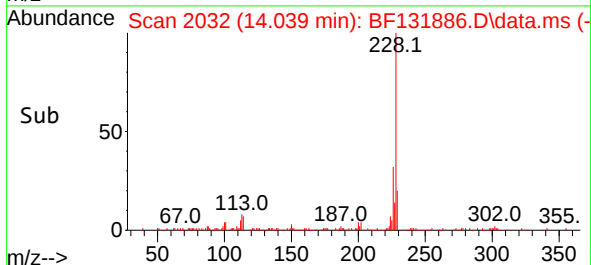
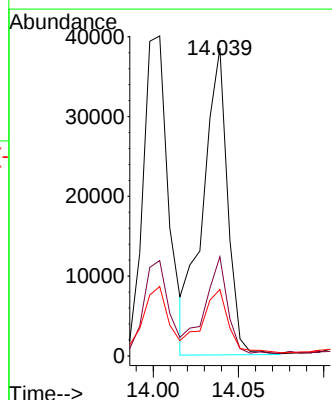
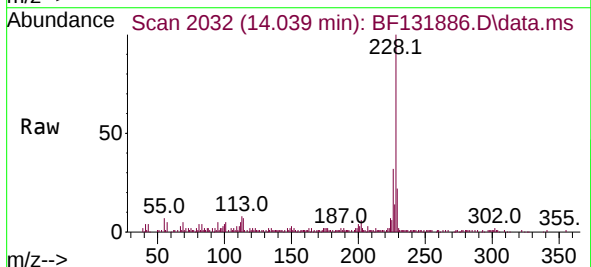
Manual Integrations
APPROVED

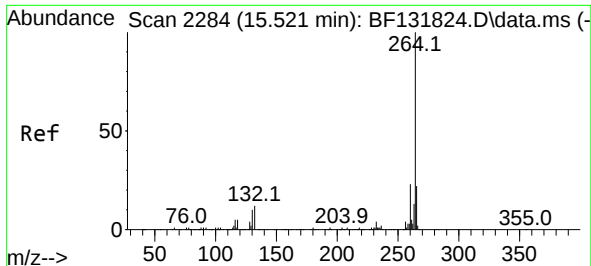
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022



#83
Chrysene
Concen: 4.491 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

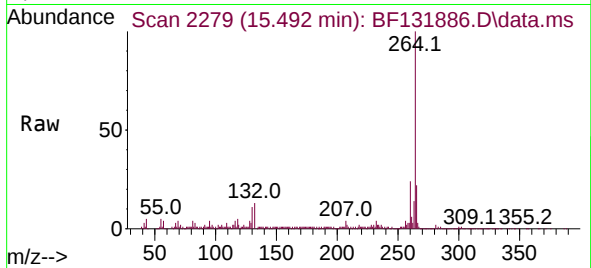
Tgt Ion:228 Resp: 38827
Ion Ratio Lower Upper
228 100
226 32.2 23.5 35.3
229 21.6 16.2 24.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

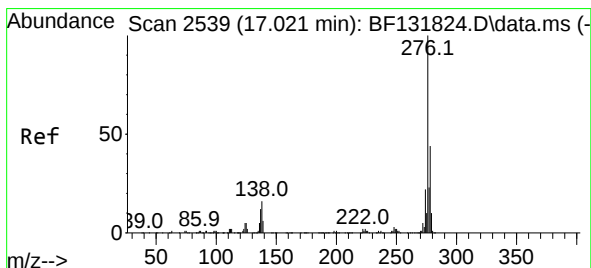
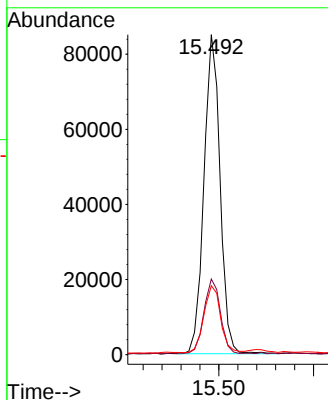
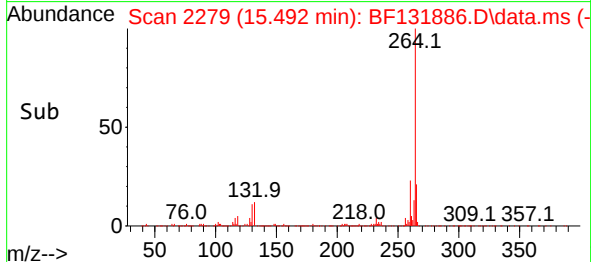
Instrument :
BNA_F
ClientSampleId :
TP-2S



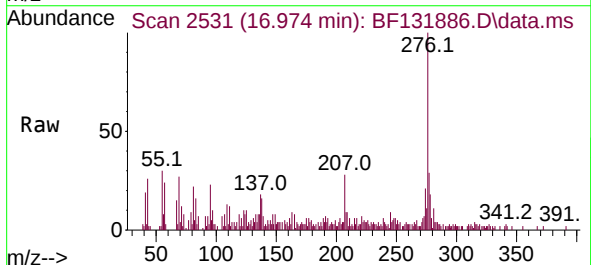
Tgt Ion:264 Resp: 100595
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.5 17.4 26.0

Manual Integrations
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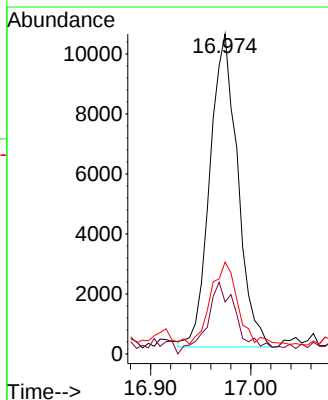
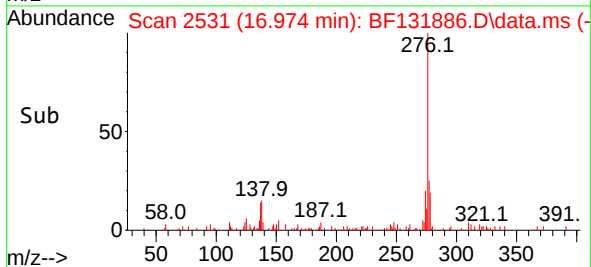
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022

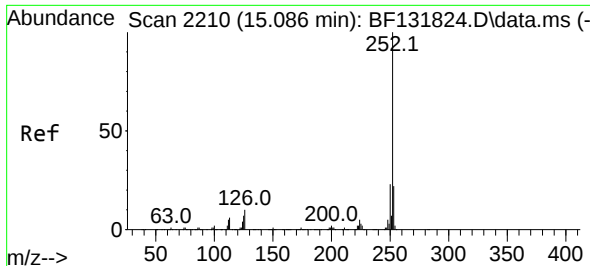


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.143 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26



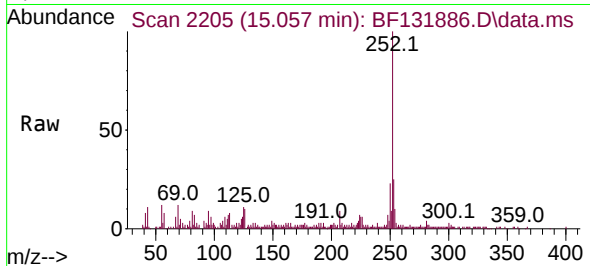
Tgt Ion:276 Resp: 20084
Ion Ratio Lower Upper
276 100
138 25.7 14.5 21.7#
277 25.9 19.7 29.5





#88
Benzo(b)fluoranthene
Concen: 6.867 ng m
RT: 15.057 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

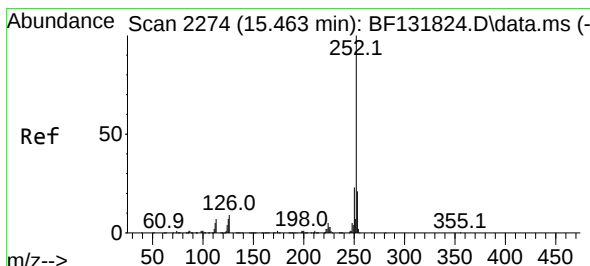
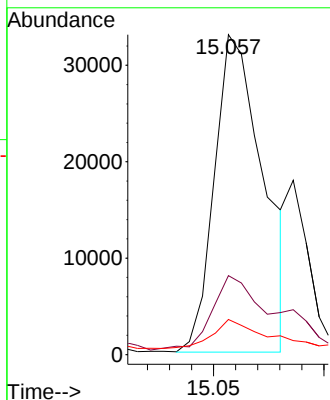
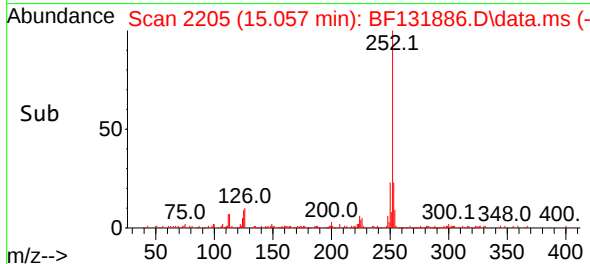
Instrument :
BNA_F
ClientSampleId :
TP-2S



Tgt Ion:252 Resp: 50655
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 11.0 5.8 8.8

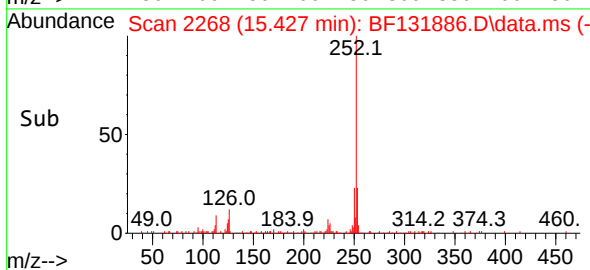
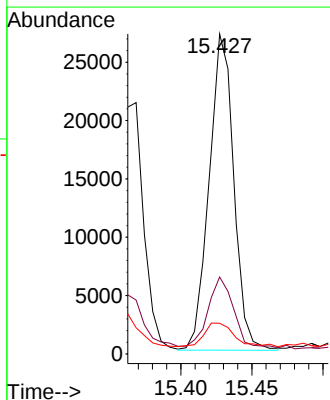
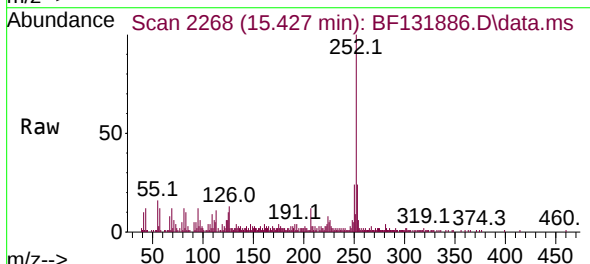
Manual Integrations
APPROVED

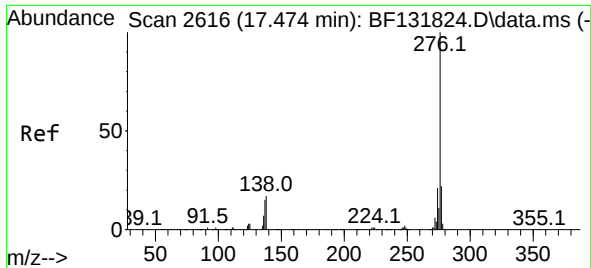
Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022



#90
Benzo(a)pyrene
Concen: 5.730 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

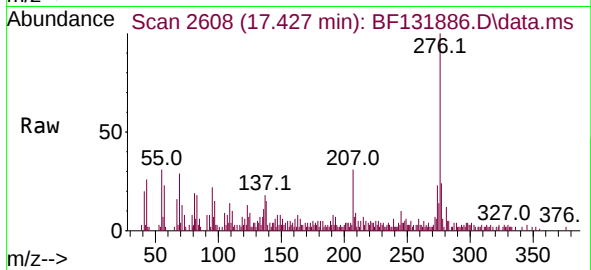
Tgt Ion:252 Resp: 32723
Ion Ratio Lower Upper
252 100
253 24.0 16.6 24.8
125 9.6 5.8 8.8





#92
Benzo(g,h,i)perylene
Concen: 8.223 ng
RT: 17.427 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BF131886.D
Acq: 29 Dec 2022 19:26

Instrument :
BNA_F
ClientSampleId :
TP-2S



Tgt Ion:	276	Resp:	20689
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.9	26.9
138	14.7	13.7	20.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022

