

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131796.D
 Acq On : 23 Dec 2022 01:40
 Operator : CG\JU
 Sample : N6088-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-27-5B02

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 03:38:55 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	6.857	152	79869	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	277435	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	140347	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	229237	20.000	ng	0.00
76) Chrysene-d12	14.057	240	158331	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	126579	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	105239	22.188	ng	0.00
7) Phenol-d6	6.481	99	137062	21.469	ng	0.00
23) Nitrobenzene-d5	7.422	82	90492	13.241	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	25690	16.724	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	151395	15.111	ng	0.00
79) Terphenyl-d14	12.992	244	131551	12.949	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.621	202	34655	2.489	ng	96
78) Pyrene	12.851	202	42613	2.960	ng	97
81) Benzo(a)anthracene	14.045	228	30363	2.663	ng	# 69
83) Chrysene	14.080	228	34343	3.191	ng	# 92
88) Benzo(b)fluoranthene	15.109	252	29869m	3.335	ng	
90) Benzo(a)pyrene	15.486	252	24351	3.433	ng	# 91
92) Benzo(g,h,i)perylene	17.509	276	14421	2.077	ng	# 88

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

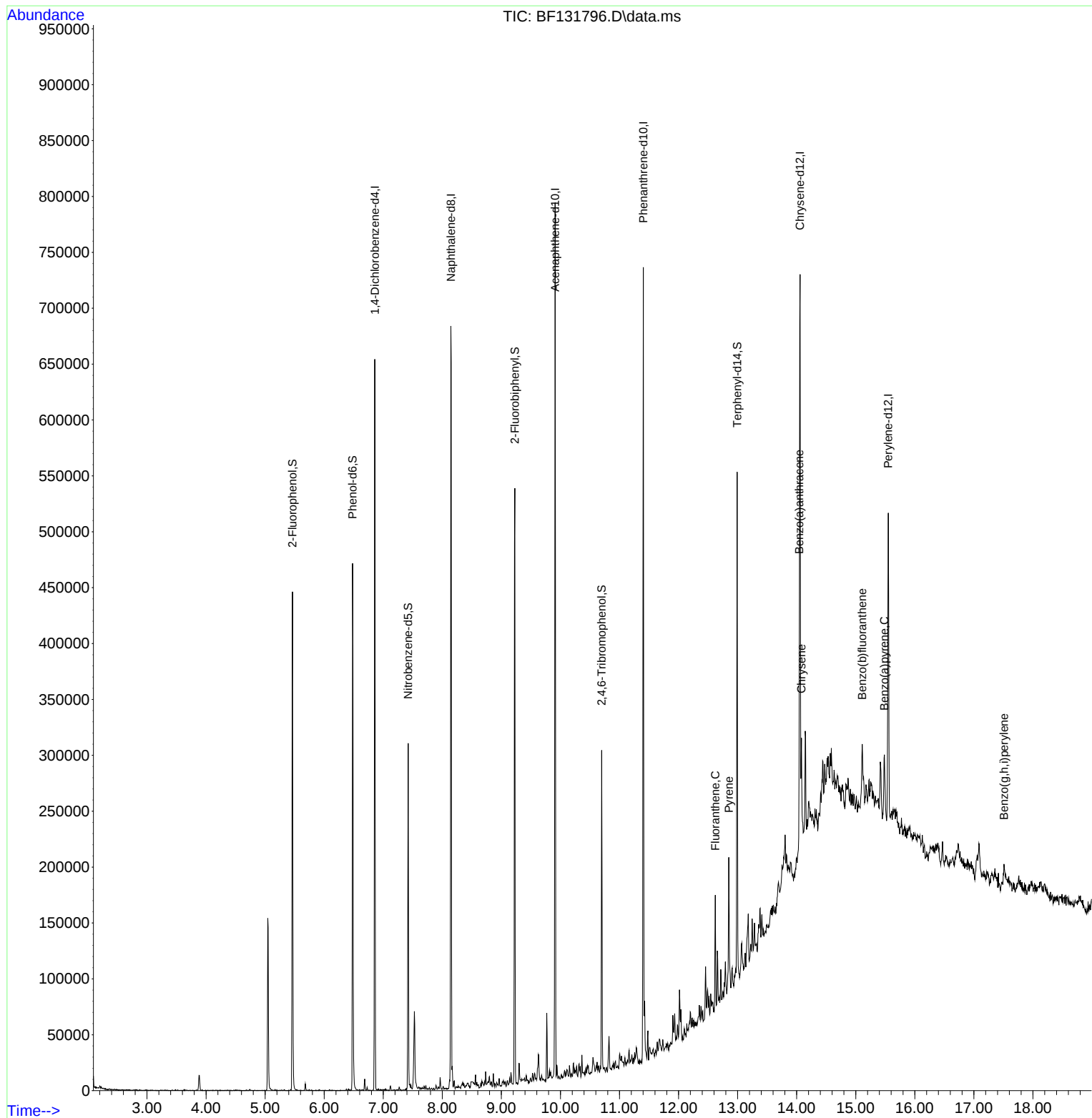
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131796.D
Acq On : 23 Dec 2022 01:40
Operator : CG\JU
Sample : N6088-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

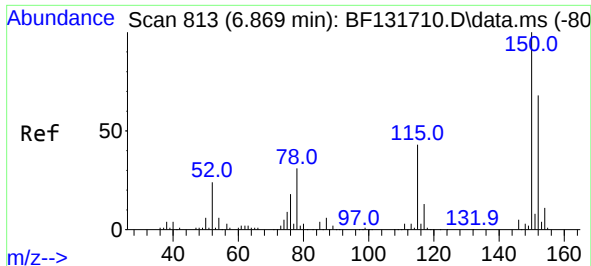
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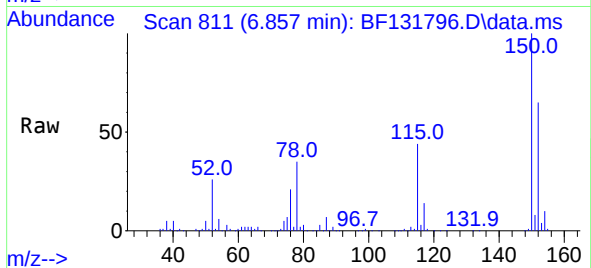
Quant Time: Dec 23 03:38:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 03:03:57 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40

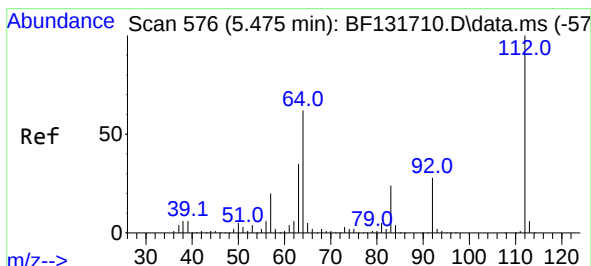
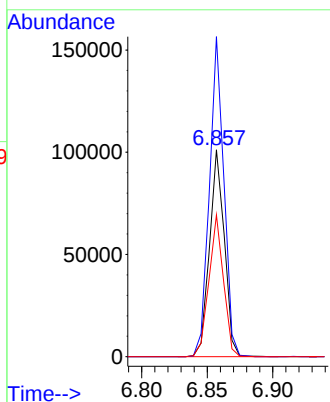
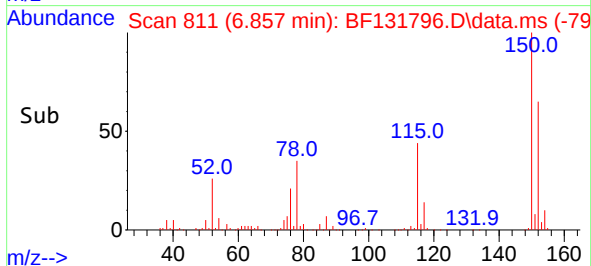
Instrument :
BNA_F
ClientSampleId :
B-27-5B02



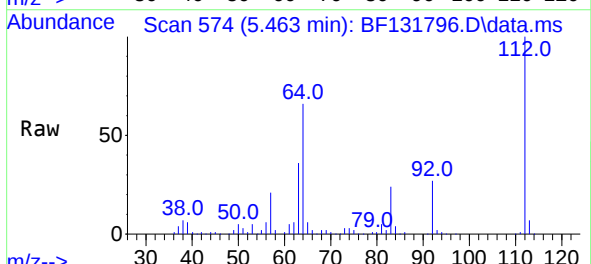
Tgt Ion:152 Resp: 79869
Ion Ratio Lower Upper
152 100
150 154.7 117.4 176.0
115 68.5 50.2 75.4

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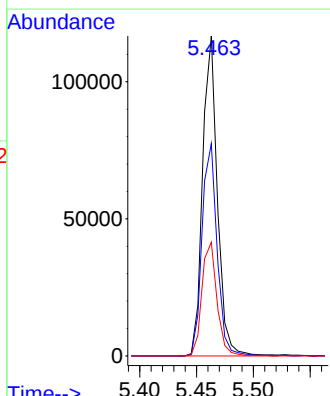
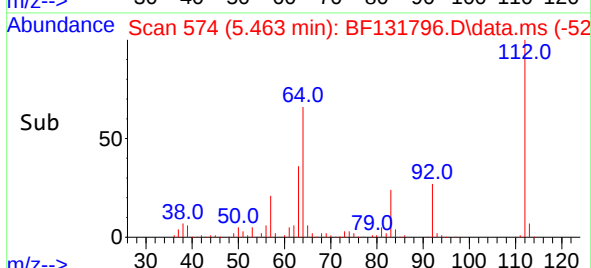
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022

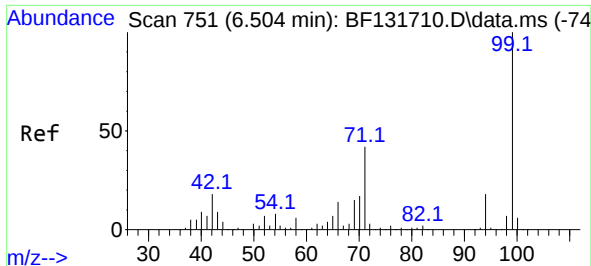


#5
2-Fluorophenol
Concen: 22.188 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40



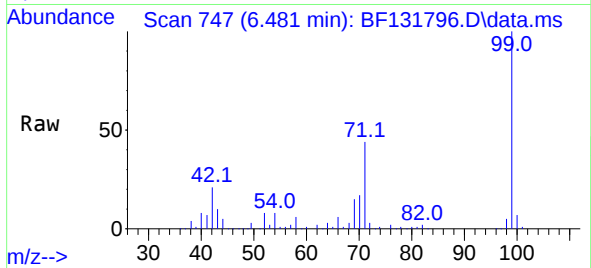
Tgt Ion:112 Resp: 105239
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 35.6 28.2 42.2





#7
Phenol-d6
Concen: 21.469 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40

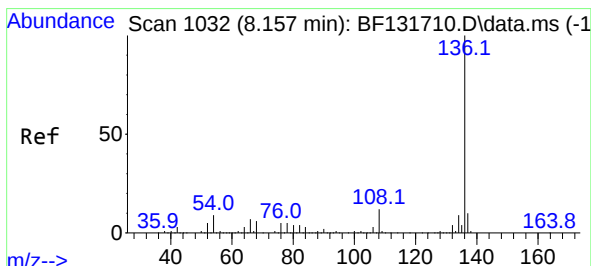
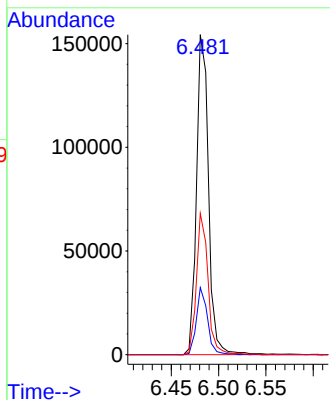
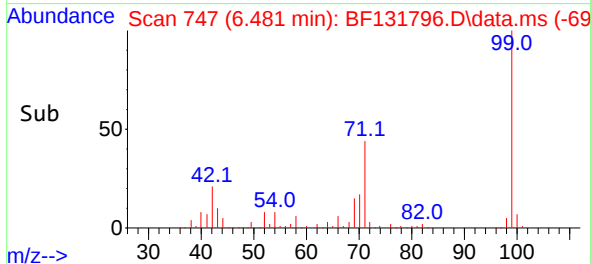
Instrument :
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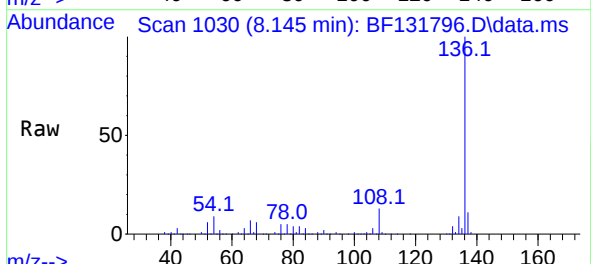
Tgt Ion: 99 Resp: 137062
Ion Ratio Lower Upper
99 100
42 20.9 14.8 22.2
71 44.2 33.8 50.6

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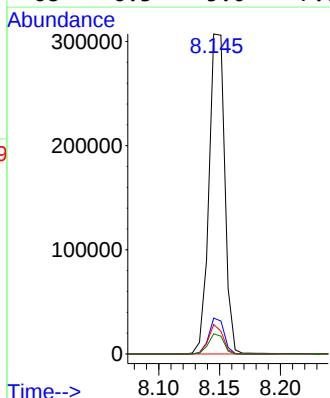
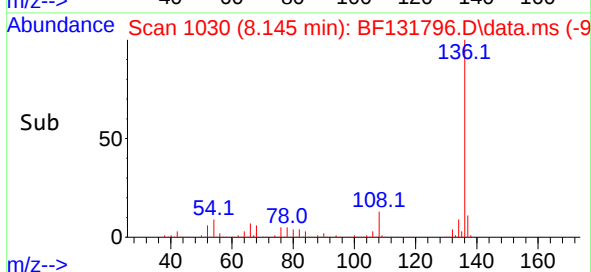
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022

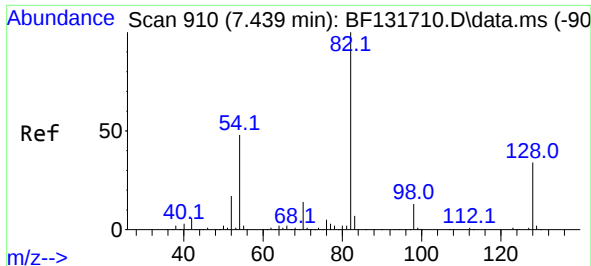


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40



Tgt Ion:136 Resp: 277435
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.2 7.2 10.8
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 13.241 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131796.D

Acq: 23 Dec 2022 01:40

Instrument :

BNA_F

ClientSampleId :

B-27-5B02

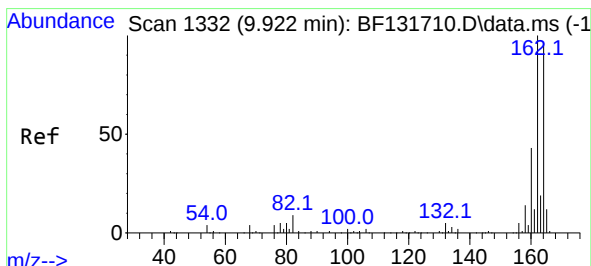
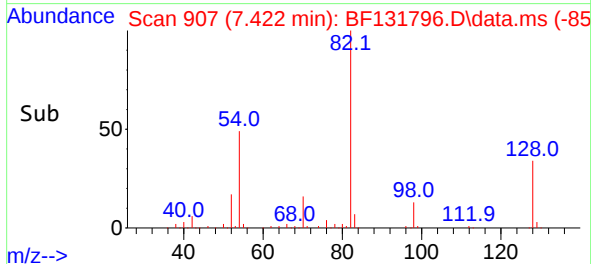
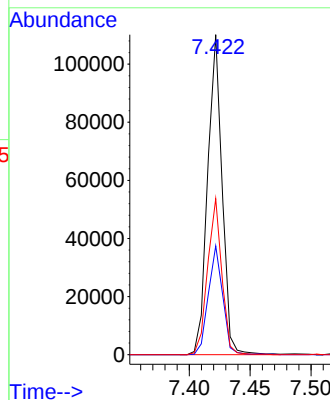
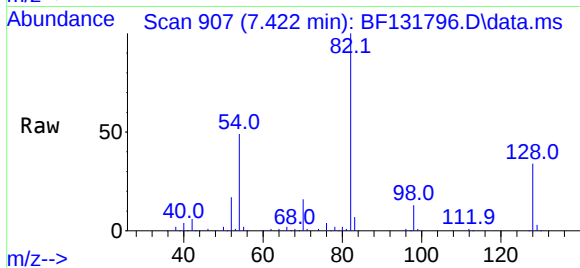
Tgt Ion: 82 Resp: 90492

Ion	Ratio	Lower	Upper
82	100		
128	34.0	27.3	40.9
54	48.8	38.2	57.2

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

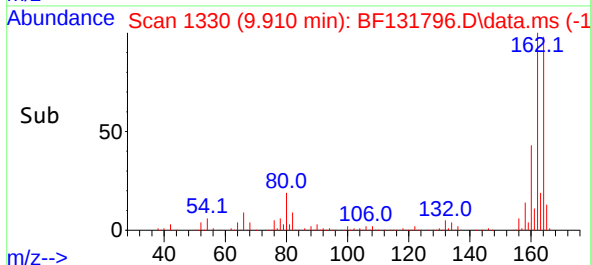
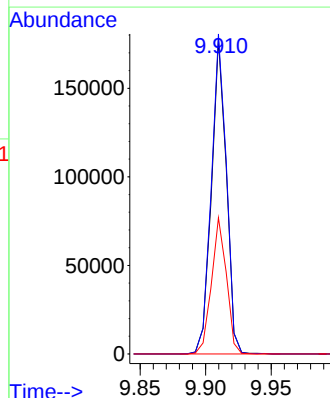
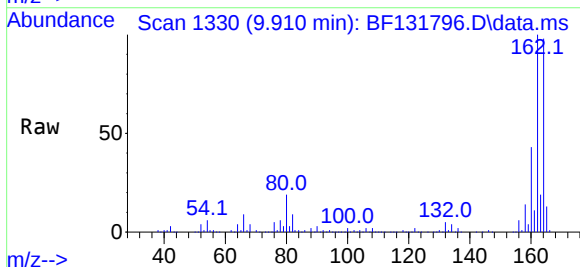
Delta R.T. -0.000 min

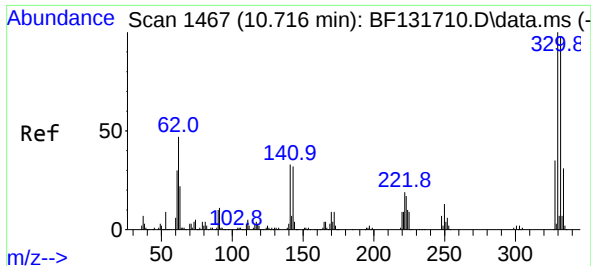
Lab File: BF131796.D

Acq: 23 Dec 2022 01:40

Tgt Ion:164 Resp: 140347

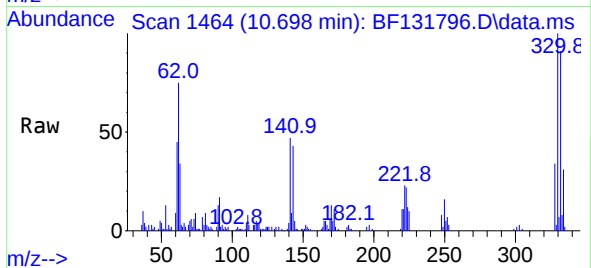
Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.7	125.5
160	43.3	36.2	54.4





#42
2,4,6-Tribromophenol
Concen: 16.724 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40

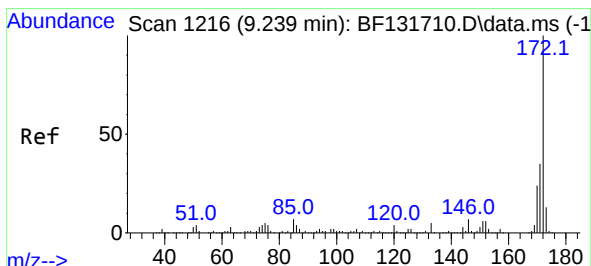
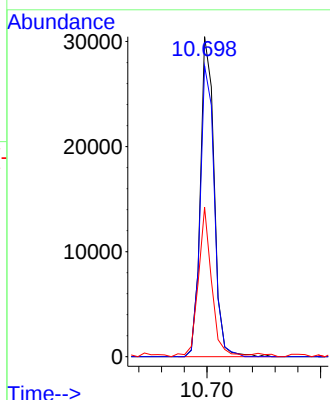
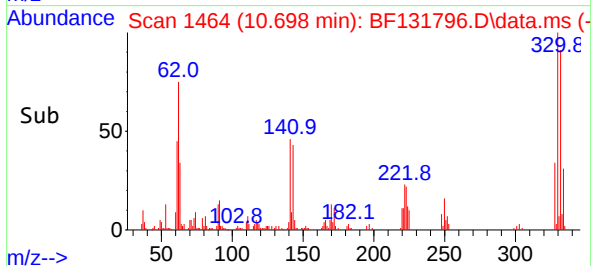
Instrument :
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ClientSampleId :
B-27-5B02



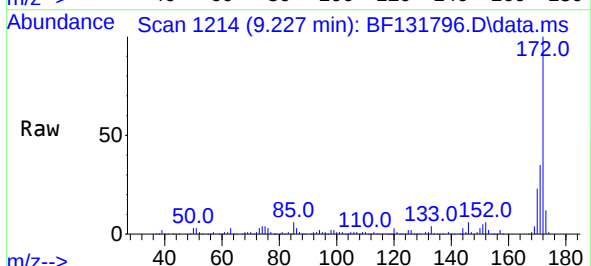
Tgt Ion:330 Resp: 25690
Ion Ratio Lower Upper
330 100
332 92.7 77.1 115.7
141 45.2 30.4 45.6

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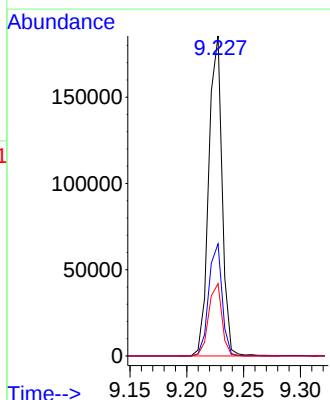
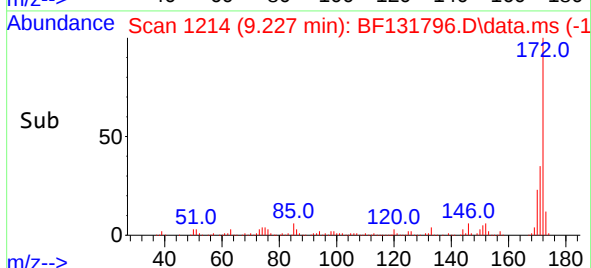
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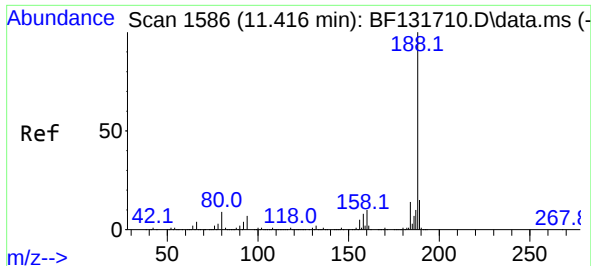


#45
2-Fluorobiphenyl
Concen: 15.111 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40



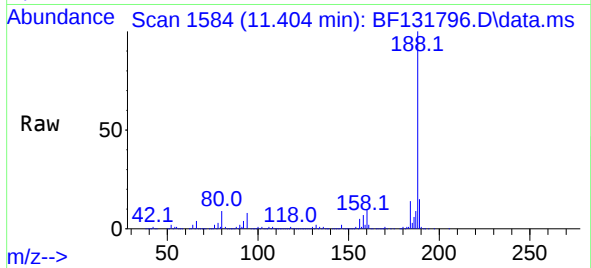
Tgt Ion:172 Resp: 151395
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 22.6 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40

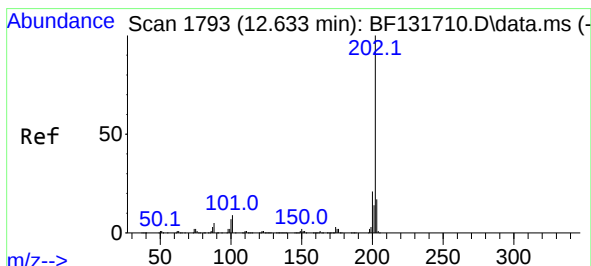
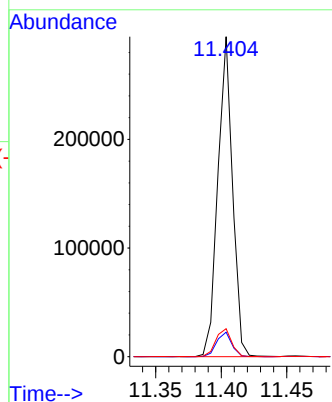
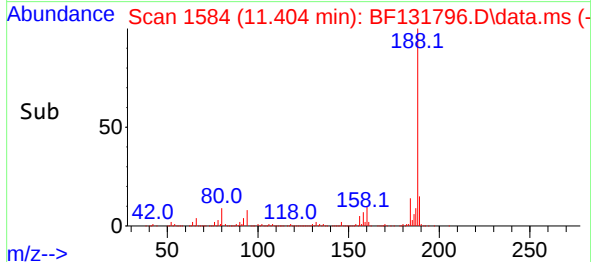
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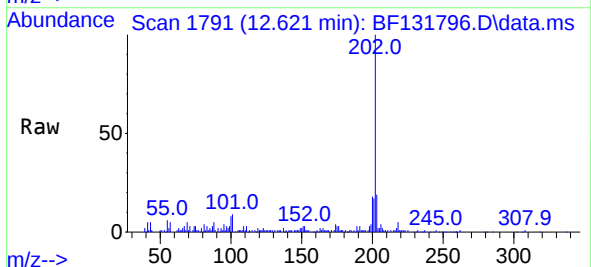
Tgt Ion:188 Resp: 22923
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.7 7.0 10.6

Manual Integrations
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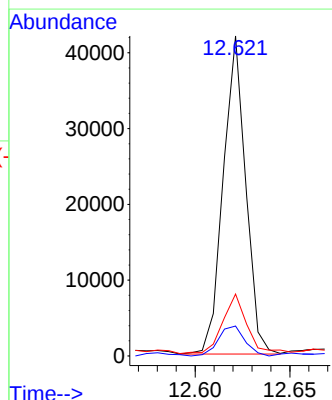
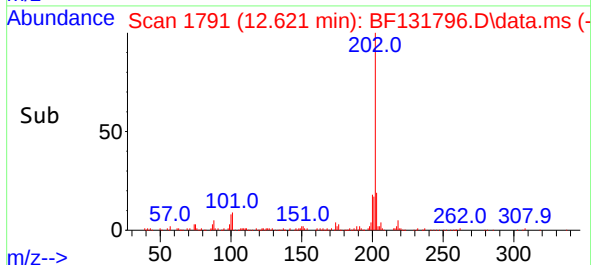
Reviewed By :Christian Giraldo 12/23/2022
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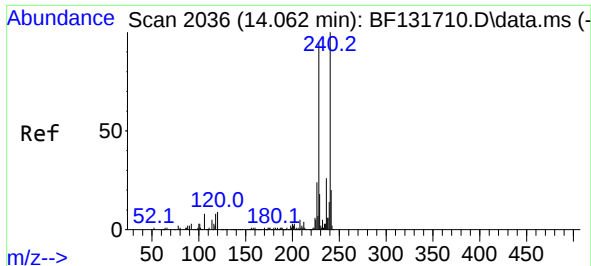


#75
Fluoranthene
Concen: 2.489 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40



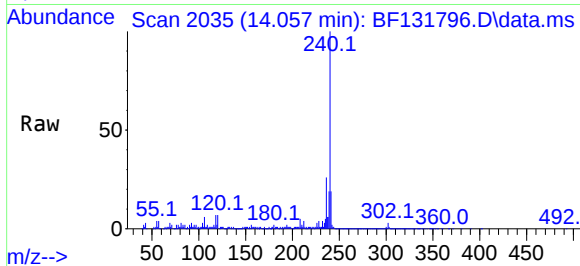
Tgt Ion:202 Resp: 34655
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.8
203 19.4 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40

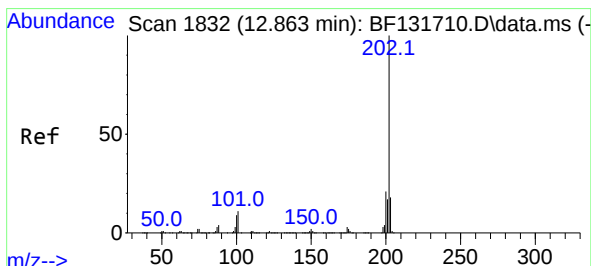
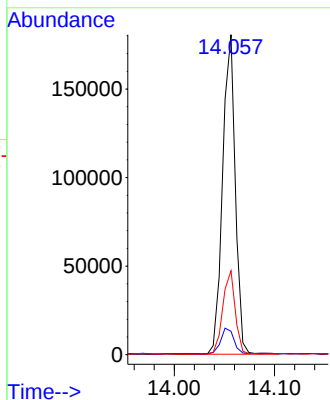
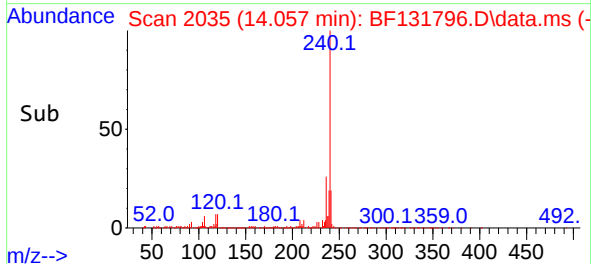
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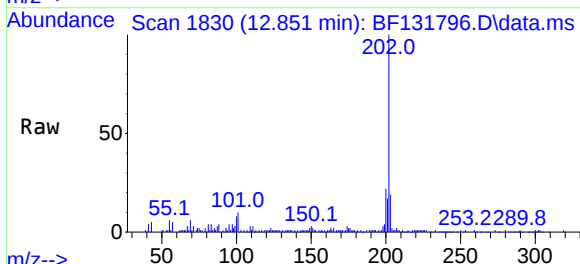
Tgt Ion:240 Resp: 15833
Ion Ratio Lower Upper
240 100
120 7.3 7.6 11.4
236 26.2 21.2 31.8

Manual Integrations
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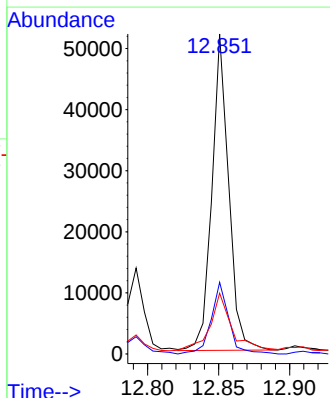
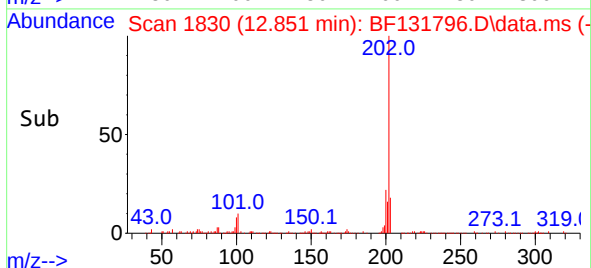
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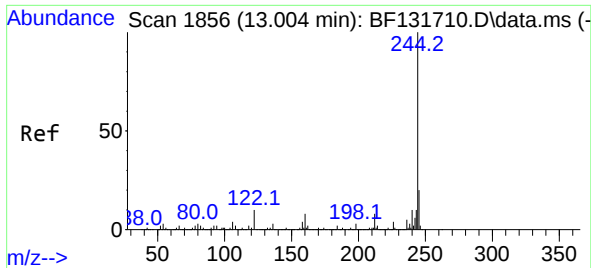


#78
Pyrene
Concen: 2.960 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40



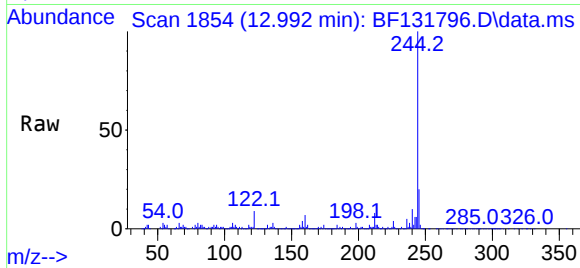
Tgt Ion:202 Resp: 42613
Ion Ratio Lower Upper
202 100
200 22.4 17.1 25.7
203 19.0 14.1 21.1





#79
Terphenyl-d14
Concen: 12.949 ng
RT: 12.992 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40

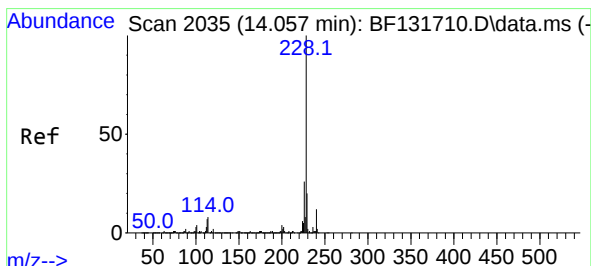
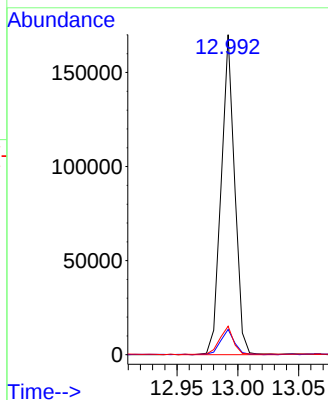
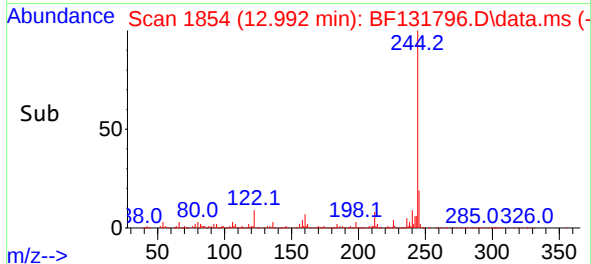
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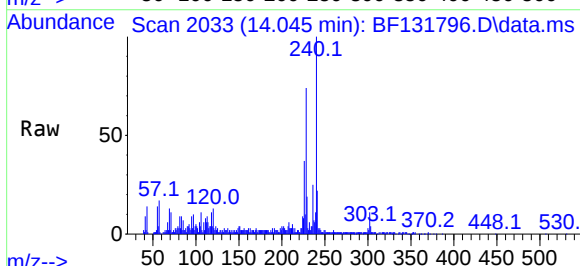
Tgt Ion:244 Resp: 13155
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 8.9 7.7 11.5

Manual Integrations
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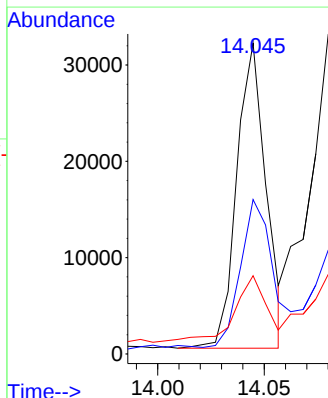
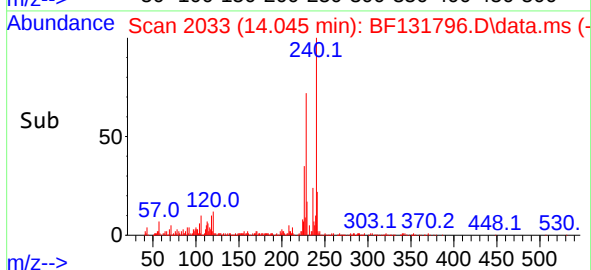
Reviewed By :Christian Giraldo 12/23/2022
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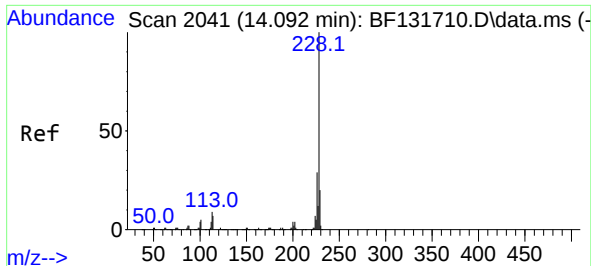


#81
Benzo(a)anthracene
Concen: 2.663 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40



Tgt Ion:228 Resp: 30363
Ion Ratio Lower Upper
228 100
226 49.7 21.0 31.4#
229 25.2 15.8 23.8#





#83
Chrysene
Concen: 3.191 ng
RT: 14.080 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40

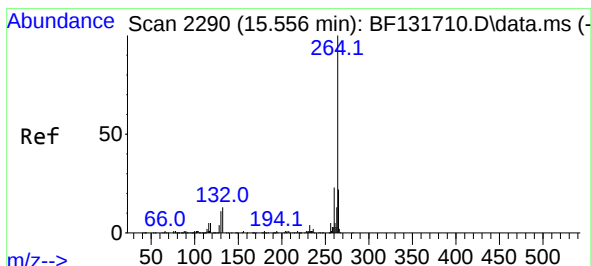
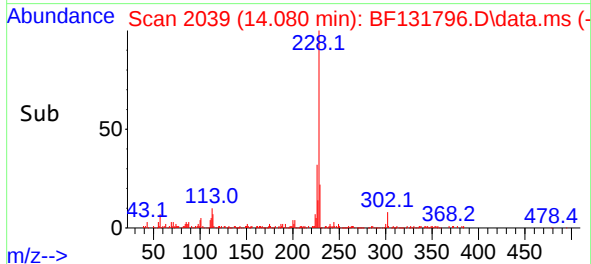
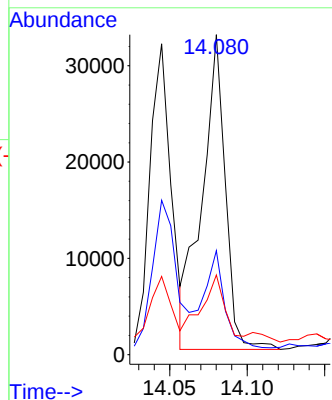
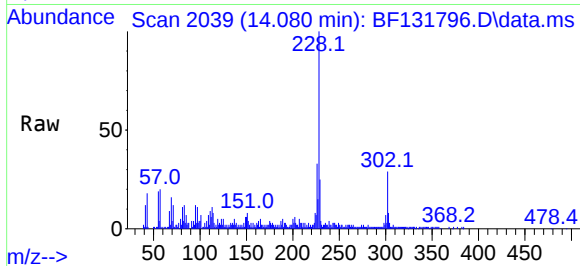
Instrument :
BNA_F
ClientSampleId :
B-27-5B02

Tgt Ion:228 Resp: 3434

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.5	35.3
229	24.9	15.6	23.4

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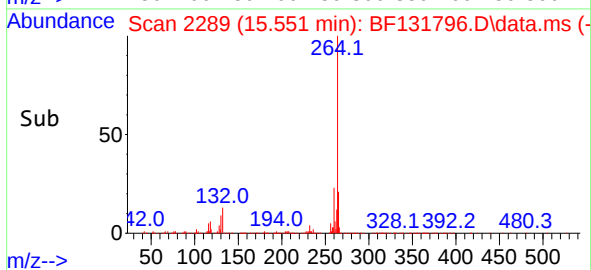
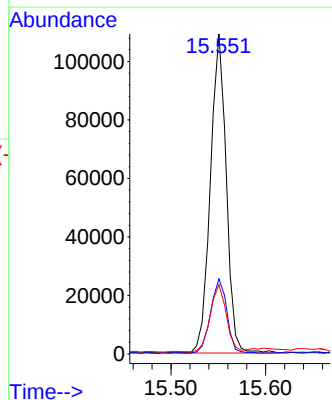
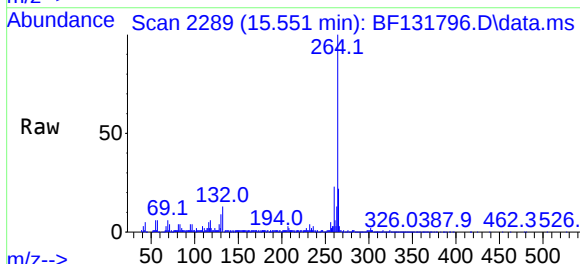
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022

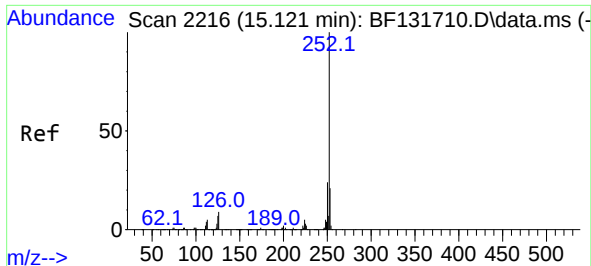


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.017 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40

Tgt Ion:264 Resp: 126579

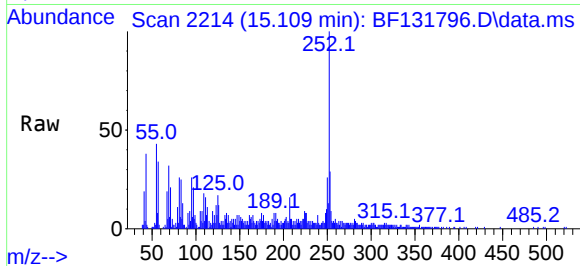
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.7	17.4	26.2





#88
Benzo(b)fluoranthene
Concen: 3.335 ng m
RT: 15.109 min Scan# 21
Delta R.T. 0.011 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40

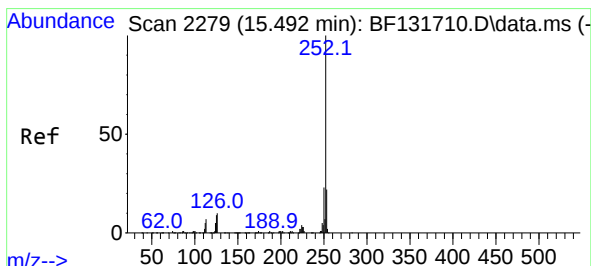
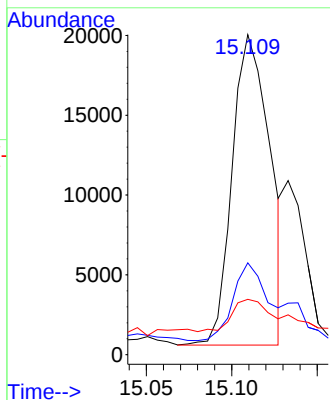
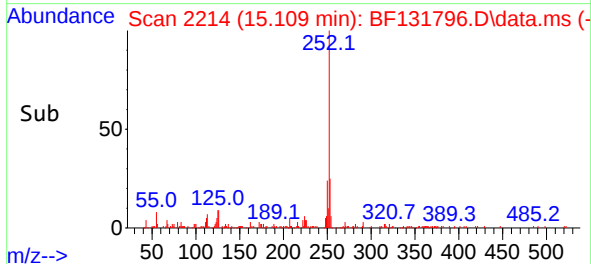
Instrument :
BNA_F
ClientSampleId :
B-27-5B02



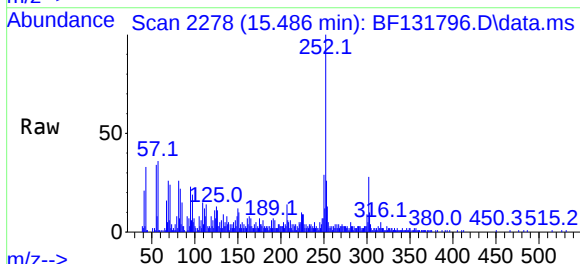
Tgt Ion:252 Resp: 2986
Ion Ratio Lower Upper
252 100
253 28.7 17.2 25.8
125 17.3 5.5 8.3

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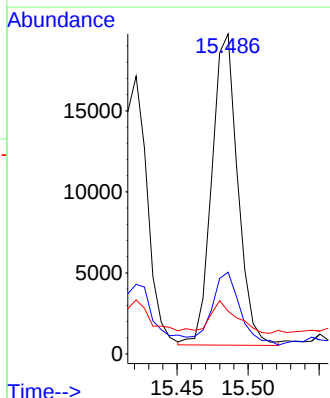
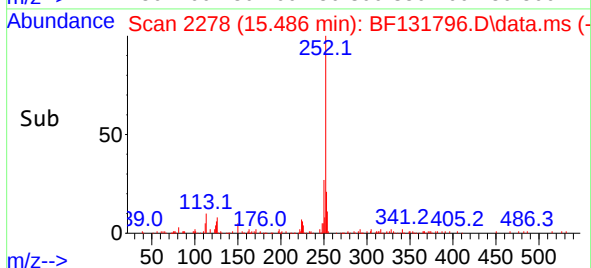
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022

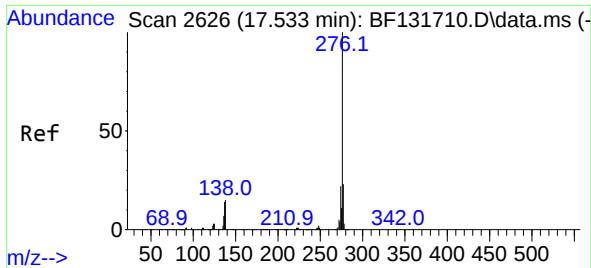


#90
Benzo(a)pyrene
Concen: 3.433 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.011 min
Lab File: BF131796.D
Acq: 23 Dec 2022 01:40



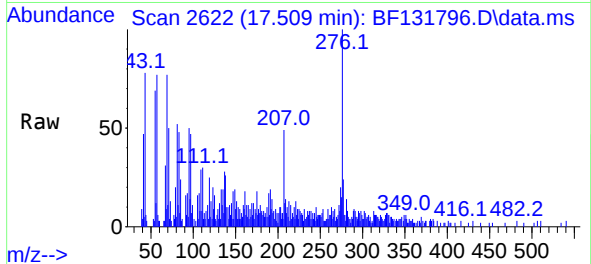
Tgt Ion:252 Resp: 24351
Ion Ratio Lower Upper
252 100
253 25.5 17.5 26.3
125 13.4 7.0 10.4





#92
 Benzo(g,h,i)perylene
 Concen: 2.077 ng
 RT: 17.509 min Scan# 20
 Delta R.T. 0.011 min
 Lab File: BF131796.D
 Acq: 23 Dec 2022 01:40

Instrument :
 BNA_F
 ClientSampleId :
 B-27-5B02



Tgt Ion: 276 Resp: 1442

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	26.2	12.3	18.5

Manual Integrations
 APPROVED

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

