

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130456.D
 Acq On : 28 Sep 2022 19:48
 Operator : CG\JU
 Sample : N4855-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OE-02-092822

Quant Time: Sep 29 02:17:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	84324	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	286384	20.000	ng	0.00
39) Acenaphthene-d10	9.680	164	142198	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	272570	20.000	ng	# 0.00
76) Chrysene-d12	13.792	240	212852	20.000	ng	0.00
86) Perylene-d12	15.186	264	151169	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	299930	61.693	ng	0.00
7) Phenol-d6	6.286	99	340148	55.917	ng	0.00
23) Nitrobenzene-d5	7.210	82	199694	35.624	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	88987	65.310	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	362949	37.168	ng	0.00
79) Terphenyl-d14	12.745	244	506097	39.386	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.180	178	132135	8.634	ng	99
72) Anthracene	11.233	178	34437	2.332	ng	99
75) Fluoranthene	12.368	202	124000	8.385	ng	97
78) Pyrene	12.598	202	118420	6.360	ng	98
81) Benzo(a)anthracene	13.780	228	30702	2.168	ng	# 74
83) Chrysene	13.815	228	28687	2.134	ng	# 87
88) Benzo(b)fluoranthene	14.798	252	21788m	2.208	ng	
90) Benzo(a)pyrene	15.127	252	17592	2.251	ng	# 65

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

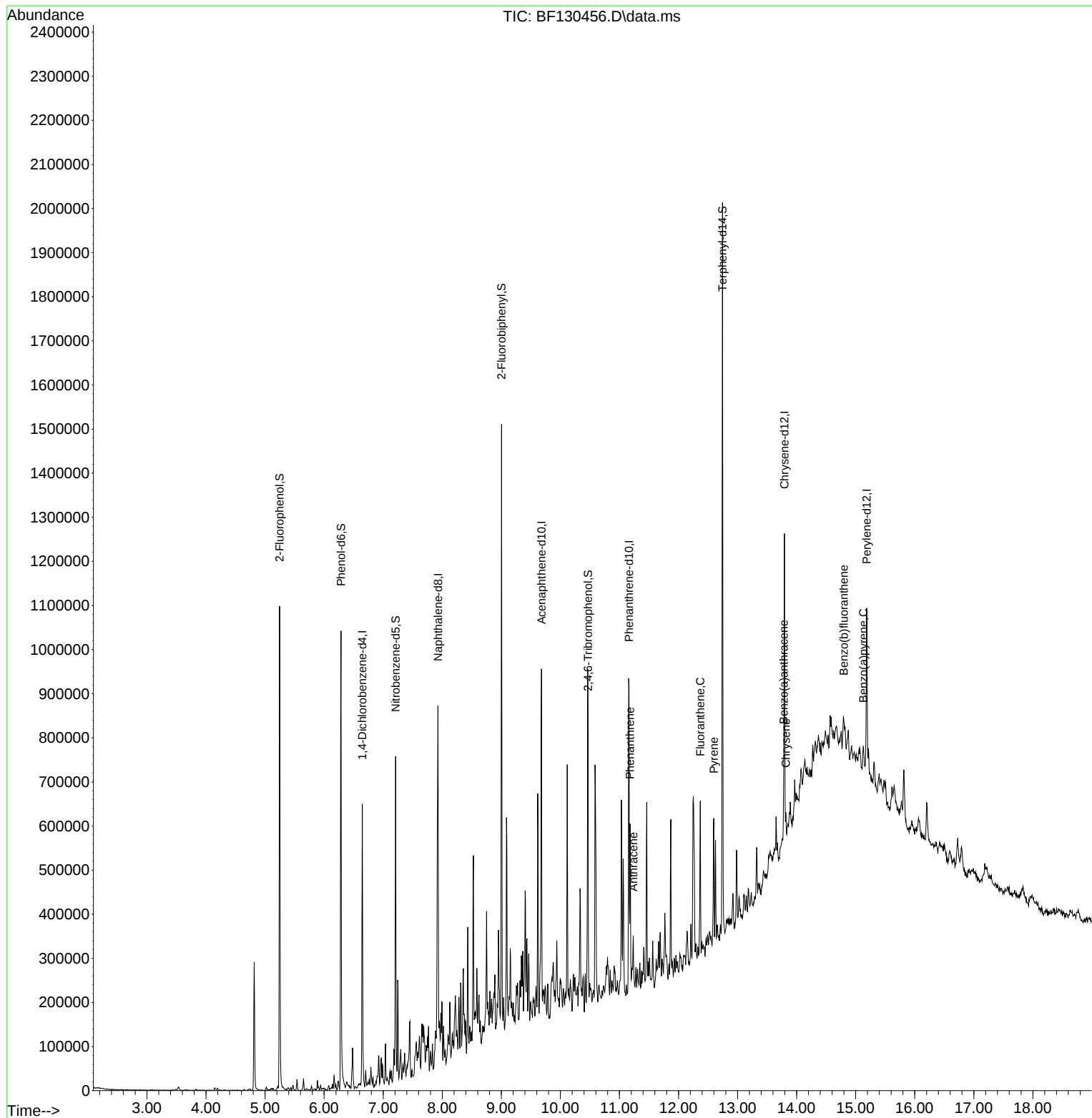
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

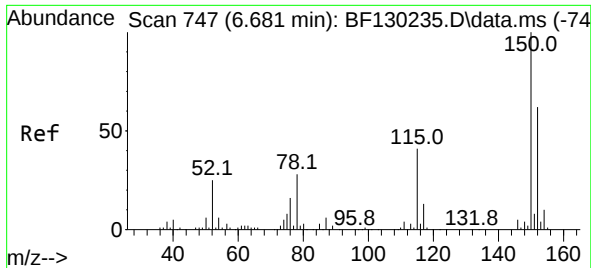
Instrument :
BNA_F
ClientSampleId :
OE-02-092822

Quant Time: Sep 29 02:17:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

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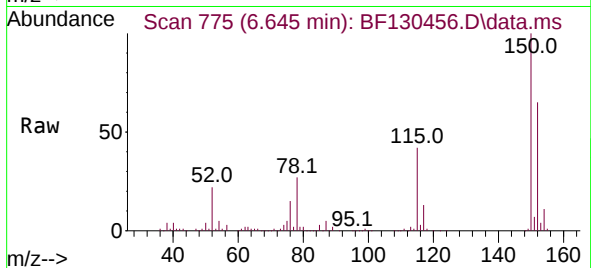
Reviewed By : Christian Giraldo 09/29/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

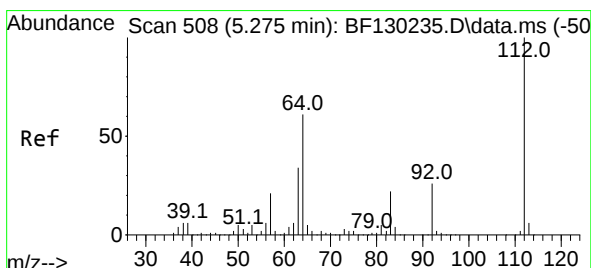
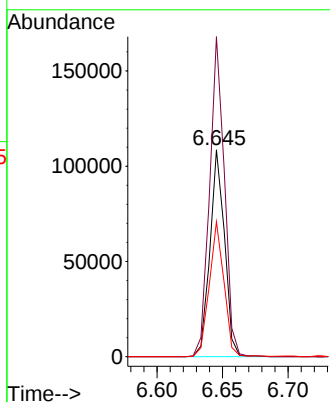
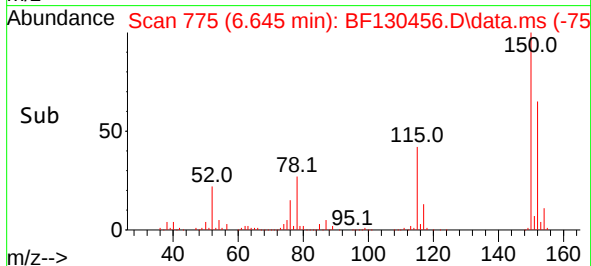
Instrument :
BNA_F
ClientSampleId :
OE-02-092822



Tgt Ion:152 Resp: 84324
Ion Ratio Lower Upper
152 100
150 154.8 122.8 184.2
115 65.2 53.8 80.8

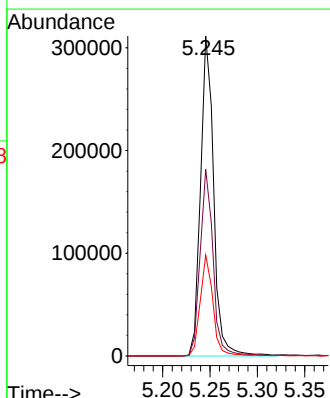
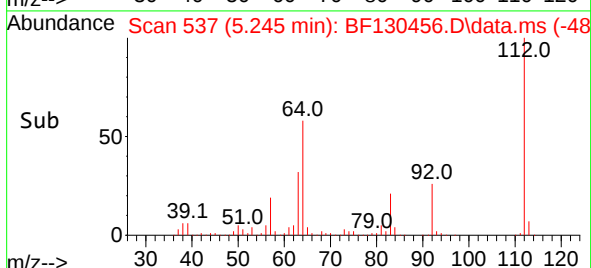
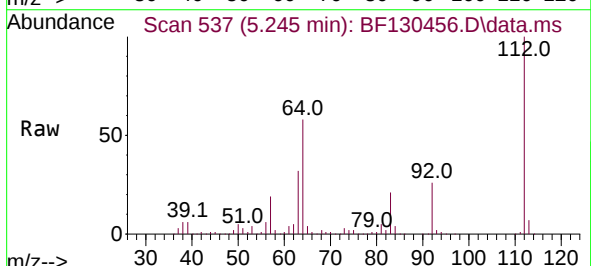
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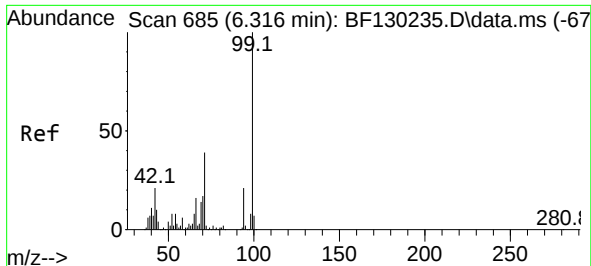
Reviewed By :Christian Giraldo 09/29/2022
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#5
2-Fluorophenol
Concen: 61.693 ng
RT: 5.245 min Scan# 537
Delta R.T. -0.000 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

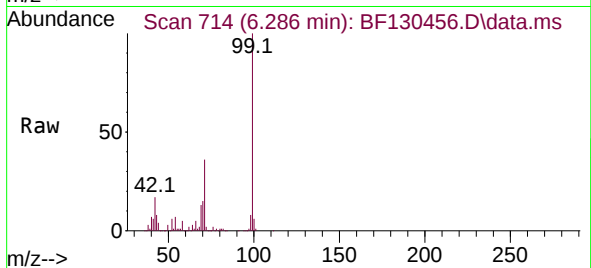
Tgt Ion:112 Resp: 299930
Ion Ratio Lower Upper
112 100
64 58.3 51.4 77.0
63 31.5 28.8 43.2





#7
Phenol-d6
Concen: 55.917 ng
RT: 6.286 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

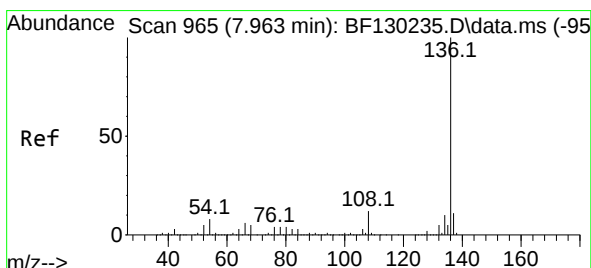
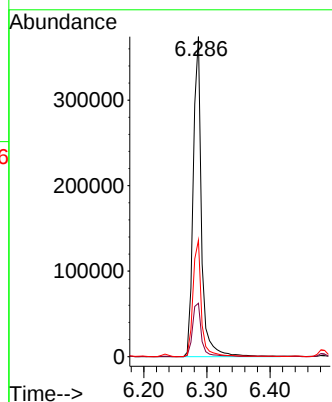
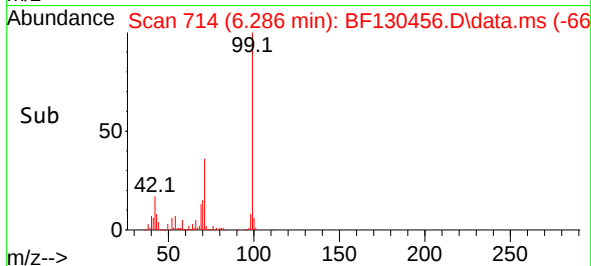
Instrument :
BNA_F
ClientSampleId :
OE-02-092822



Tgt Ion: 99 Resp: 340148
Ion Ratio Lower Upper
99 100
42 16.7 17.0 25.6
71 36.4 32.3 48.5

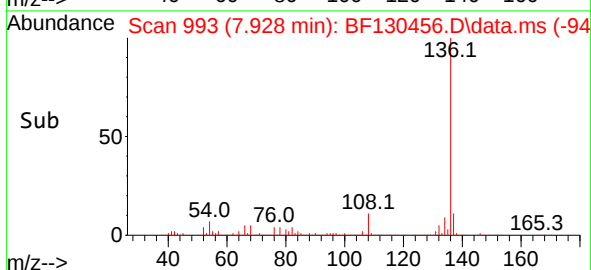
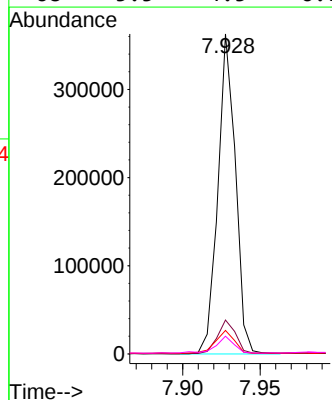
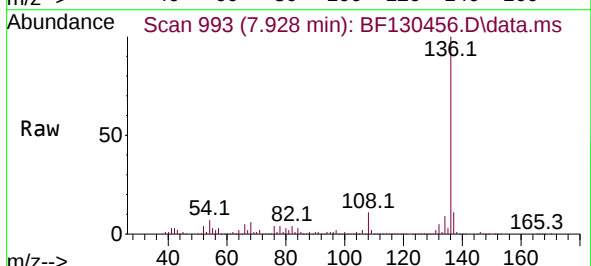
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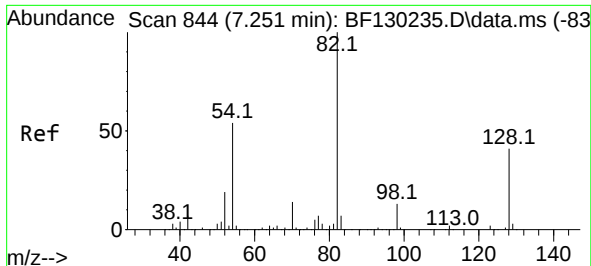
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

Tgt Ion:136 Resp: 286384
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 7.3 7.1 10.7
68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 35.624 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

Instrument :

BNA_F

ClientSampleId :

OE-02-092822

Tgt Ion: 82 Resp: 199694

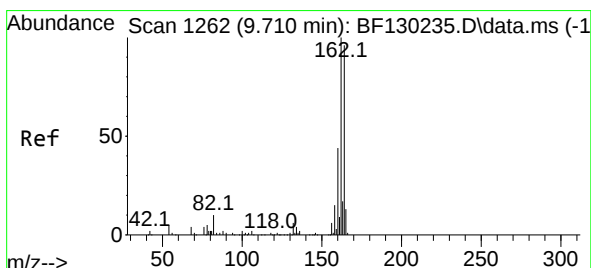
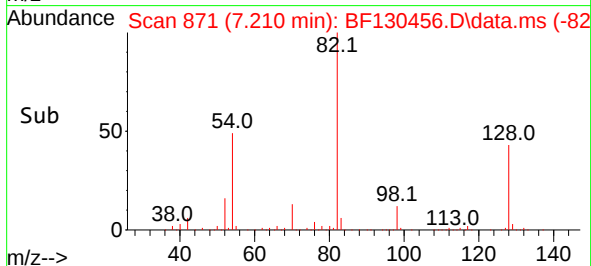
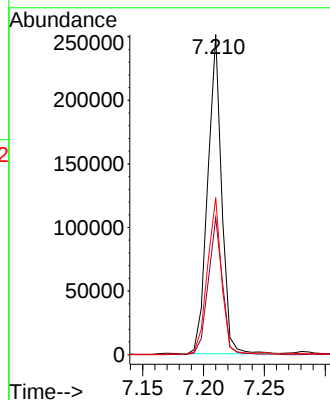
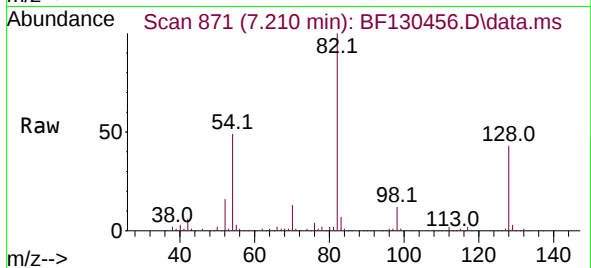
Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.6	49.0
54	49.0	43.8	65.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.680 min Scan# 1291

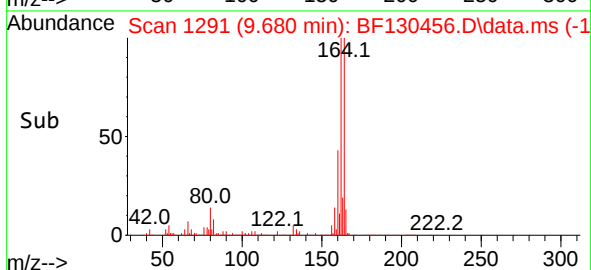
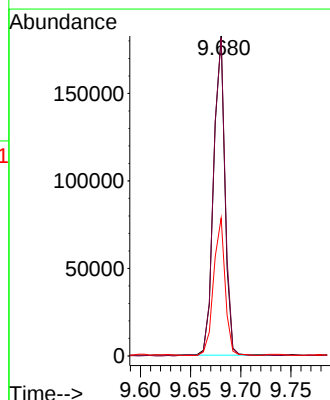
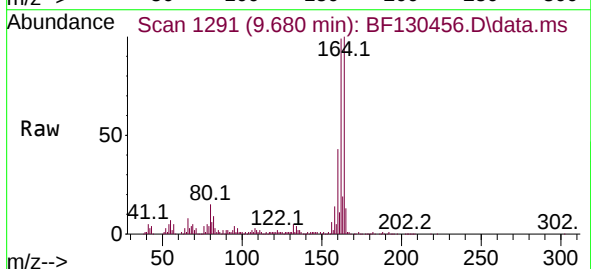
Delta R.T. -0.000 min

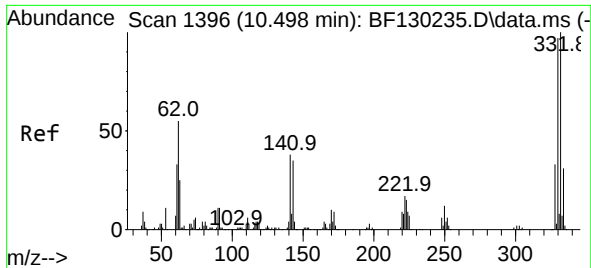
Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

Tgt Ion:164 Resp: 142198

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.4	122.0
160	43.1	36.2	54.4





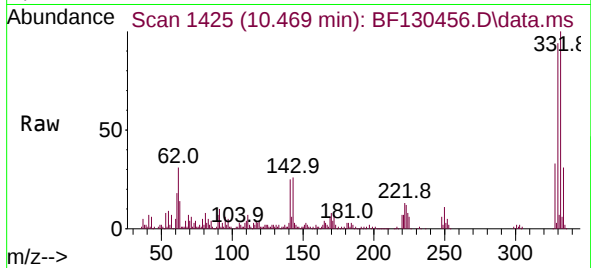
#42
2,4,6-Tribromophenol
Concen: 65.310 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

Instrument :

BNA_F

ClientSampleId :

OE-02-092822

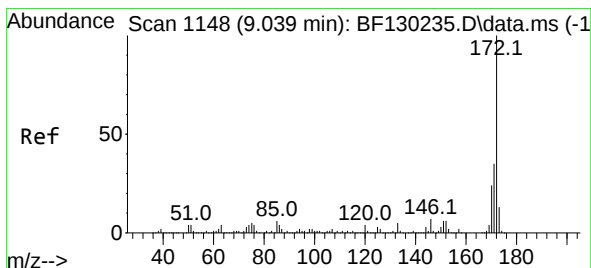
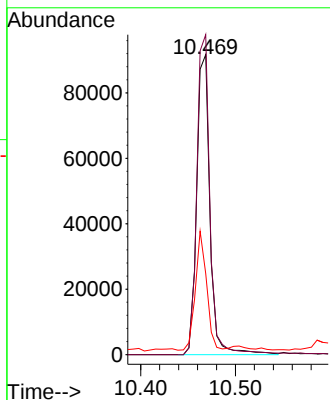
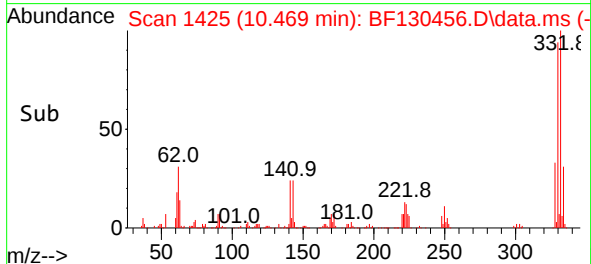


Tgt Ion: 330 Resp: 88987
Ion Ratio Lower Upper
330 100
332 105.2 83.4 125.2
141 33.5 34.0 51.0

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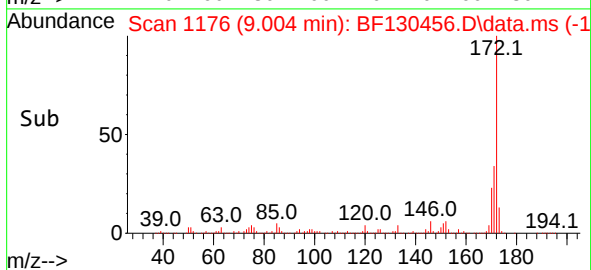
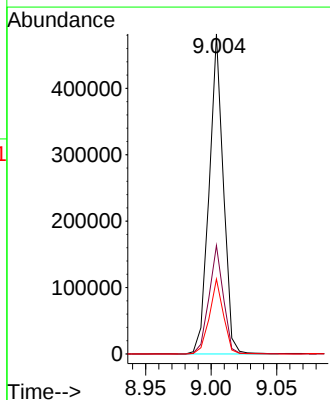
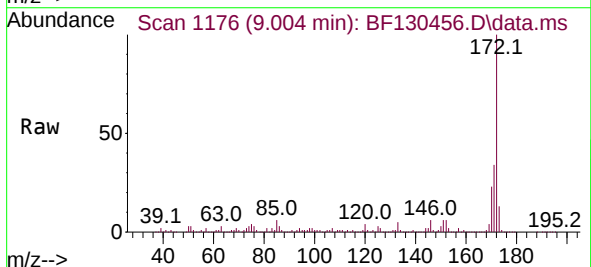
APPROVED

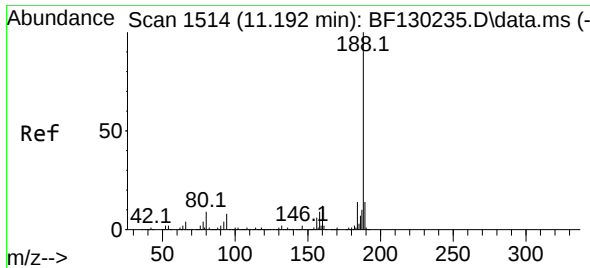
Reviewed By : Christian Giraldo 09/29/2022
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#45
2-Fluorobiphenyl
Concen: 37.168 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

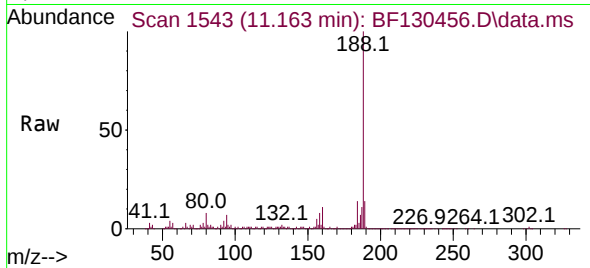
Tgt Ion: 172 Resp: 362949
Ion Ratio Lower Upper
172 100
171 33.9 28.3 42.5
170 23.4 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

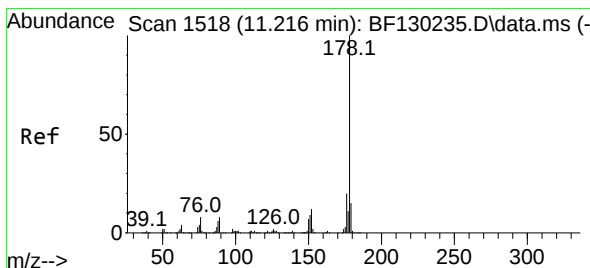
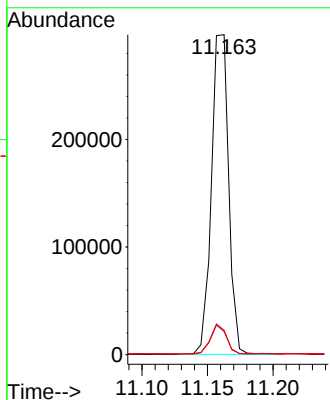
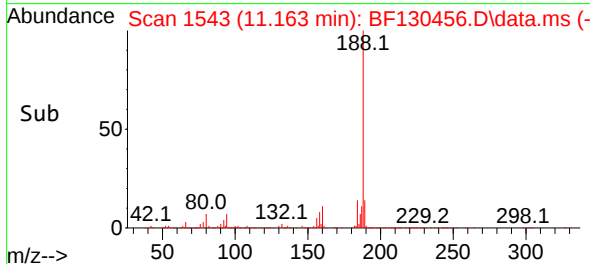
Instrument :
BNA_F
ClientSampleId :
OE-02-092822



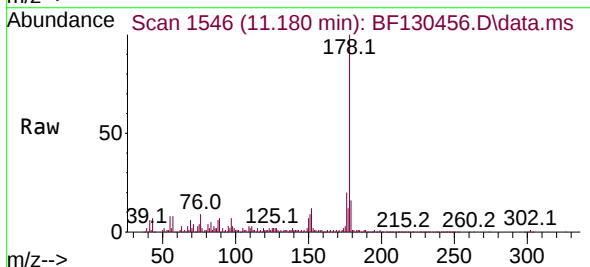
Tgt Ion:188 Resp: 272570
Ion Ratio Lower Upper
188 100
94 7.2 7.4 11.2
80 7.6 7.9 11.9

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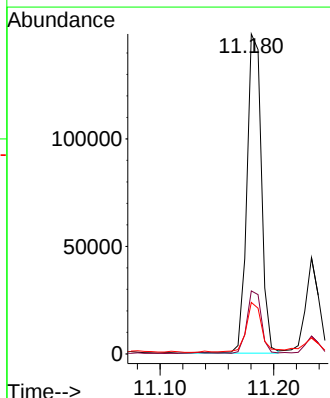
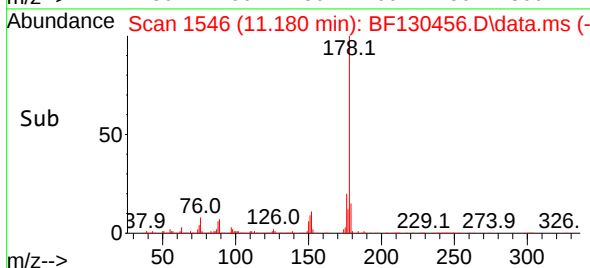
Reviewed By :Christian Giraldo 09/29/2022
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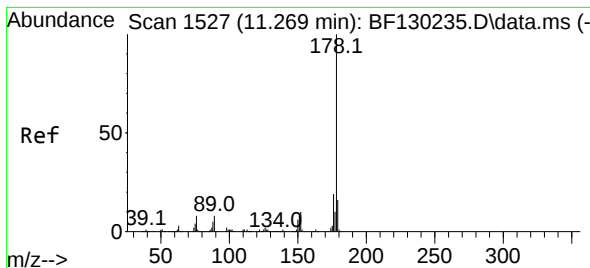


#71
Phenanthrene
Concen: 8.634 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48



Tgt Ion:178 Resp: 132135
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.1 12.4 18.6





#72

Anthracene

Concen: 2.332 ng

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

Instrument :

BNA_F

ClientSampleId :

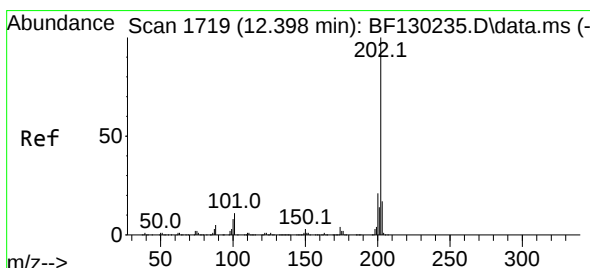
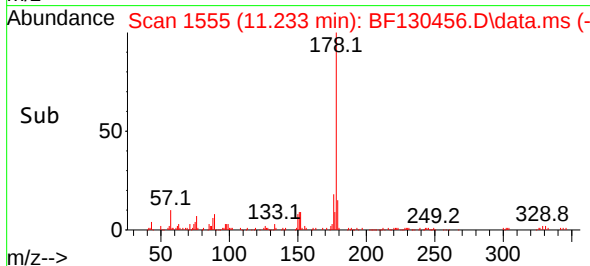
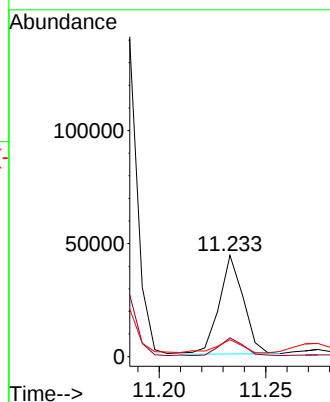
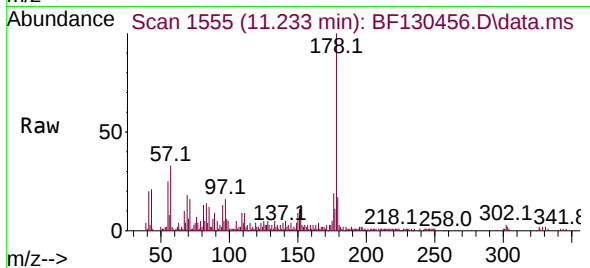
OE-02-092822

Tgt Ion:178	Resp:	3443
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.0 22.6
179	16.7	12.7 19.1

Manual Integrations

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#75

Fluoranthene

Concen: 8.385 ng

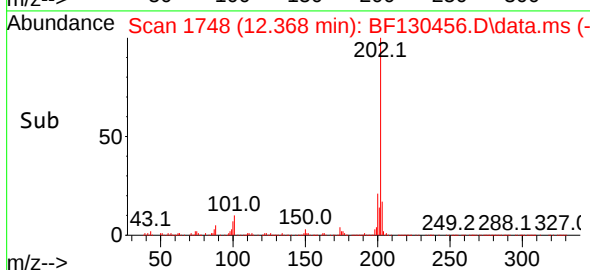
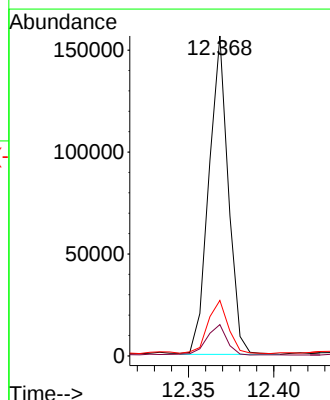
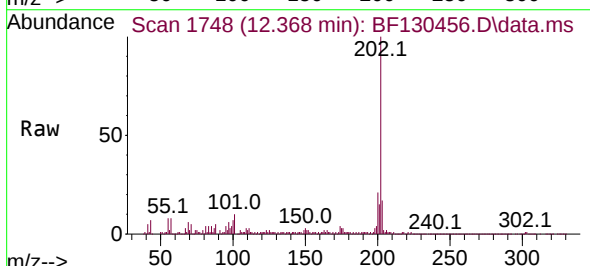
RT: 12.368 min Scan# 1748

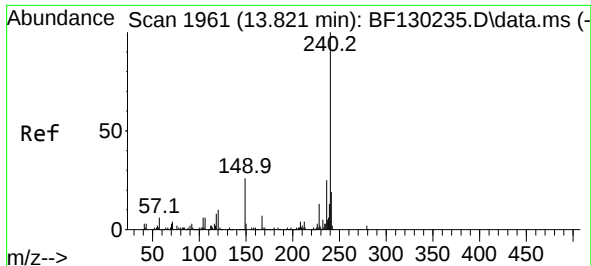
Delta R.T. -0.000 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

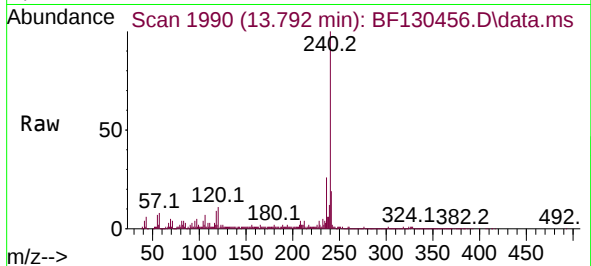
Tgt Ion:202	Resp:	124000
Ion Ratio	Lower	Upper
202	100	
101	9.8	0.0 31.8
203	17.3	0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

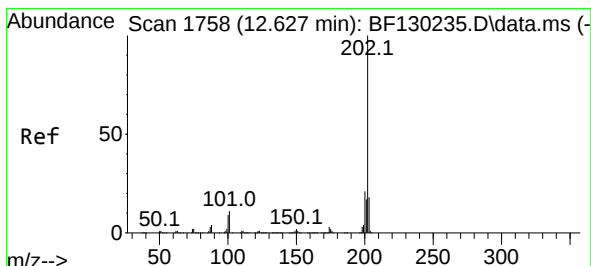
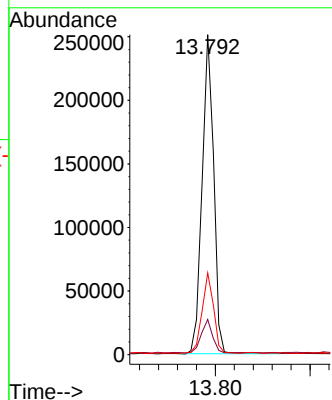
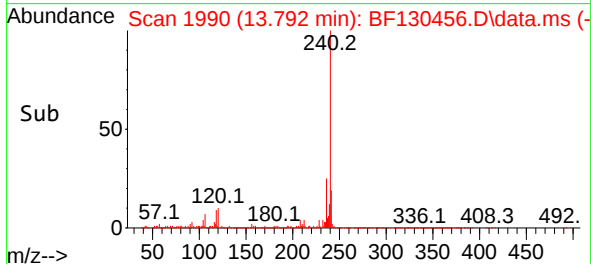
Instrument :
BNA_F
ClientSampleId :
OE-02-092822



Tgt Ion:240 Resp: 212852
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 25.5 20.9 31.3

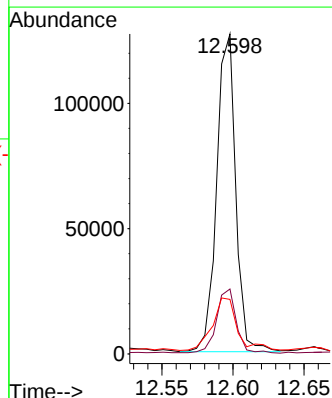
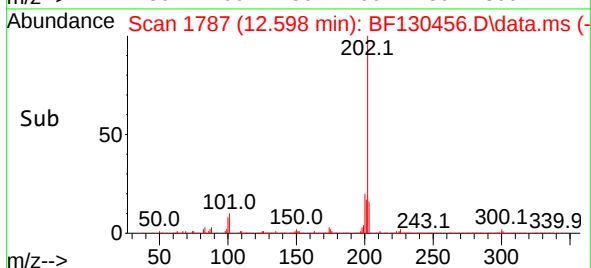
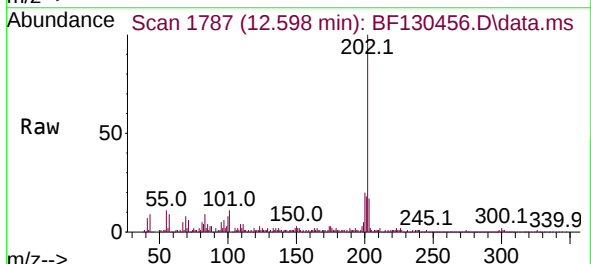
Manual Integrations
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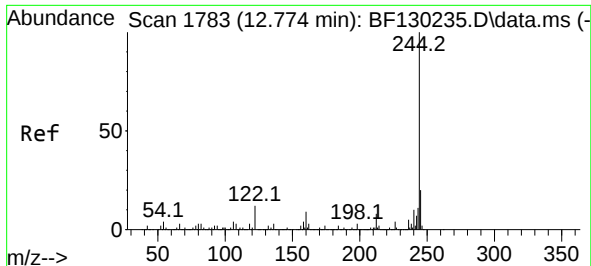
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#78
Pyrene
Concen: 6.360 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

Tgt Ion:202 Resp: 118420
Ion Ratio Lower Upper
202 100
200 20.3 17.2 25.8
203 17.0 14.3 21.5





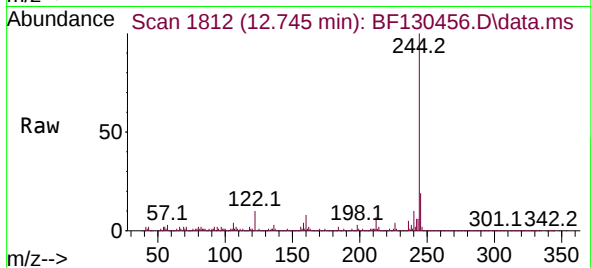
#79
 Terphenyl-d14
 Concen: 39.386 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF130456.D
 Acq: 28 Sep 2022 19:48

Instrument :

BNA_F

ClientSampleId :

OE-02-092822

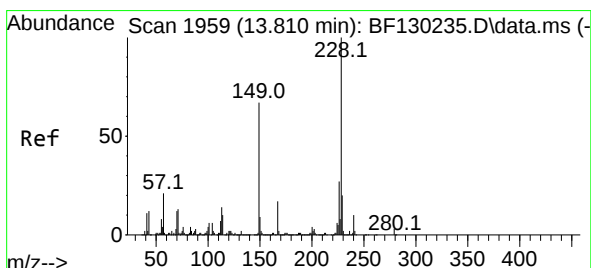
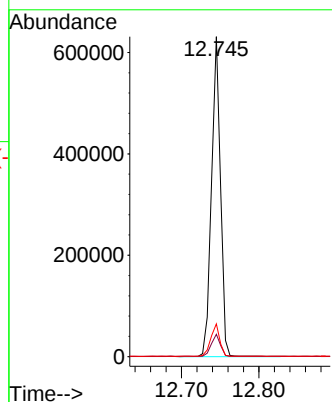
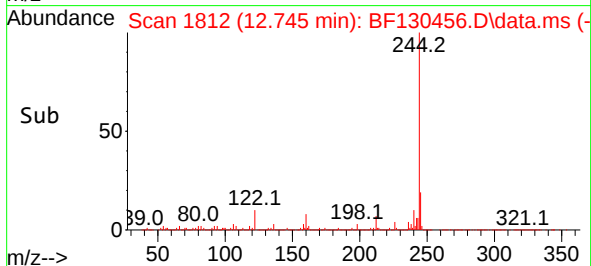


Tgt Ion:244 Resp: 506092
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.2 8.5 12.7

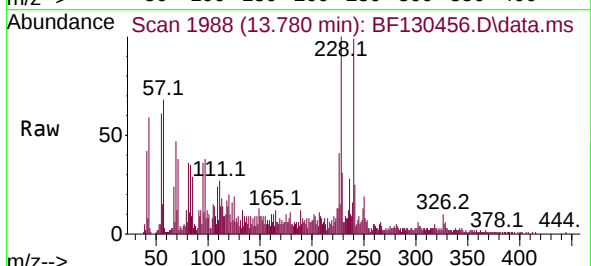
Manual Integrations

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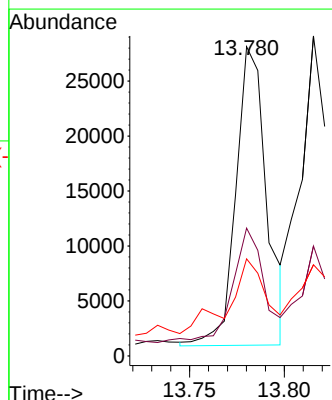
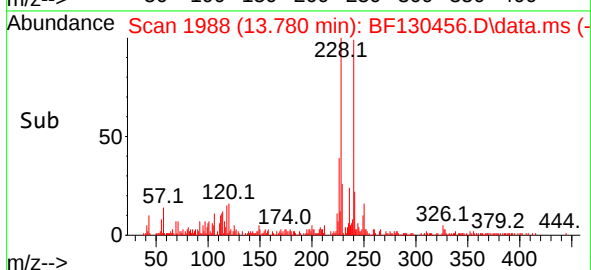
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

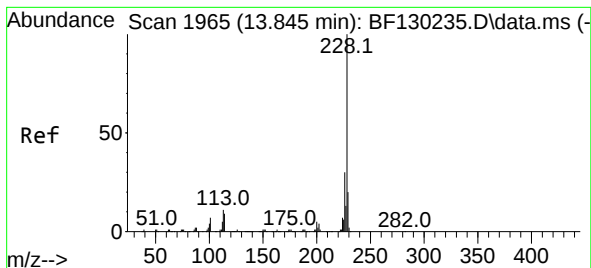


#81
 Benzo(a)anthracene
 Concen: 2.168 ng
 RT: 13.780 min Scan# 1988
 Delta R.T. -0.000 min
 Lab File: BF130456.D
 Acq: 28 Sep 2022 19:48



Tgt Ion:228 Resp: 30702
 Ion Ratio Lower Upper
 228 100
 226 41.3 21.9 32.9#
 229 31.4 16.1 24.1#





#83

Chrysene

Concen: 2.134 ng

RT: 13.815 min Scan# 1965

Delta R.T. -0.000 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

Instrument :

BNA_F

ClientSampleId :

OE-02-092822

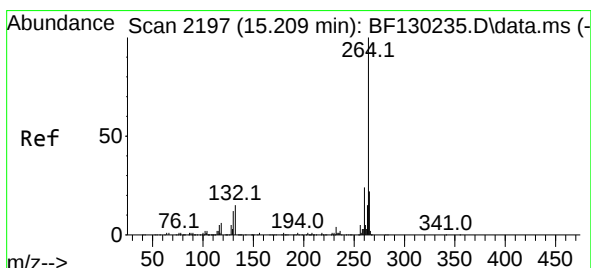
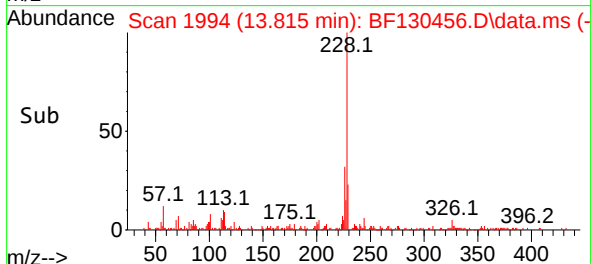
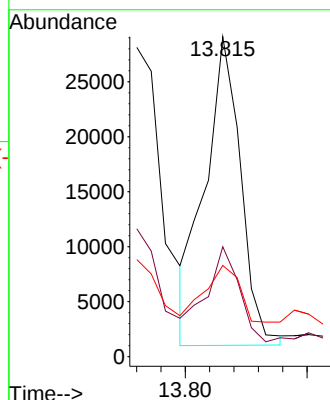
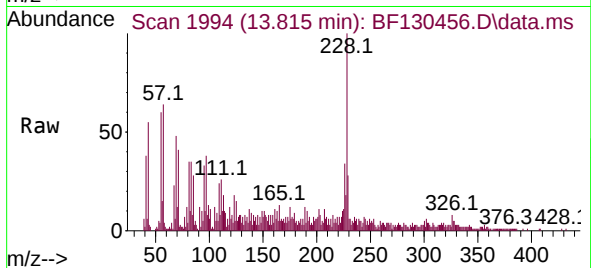
Tgt Ion:	228	Resp:	2868
Ion Ratio	Lower	Upper	
228	100		
226	34.3	23.8	35.8
229	28.5	15.3	22.9

Manual Integrations

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#86

Perylene-d12

Concen: 20.000 ng

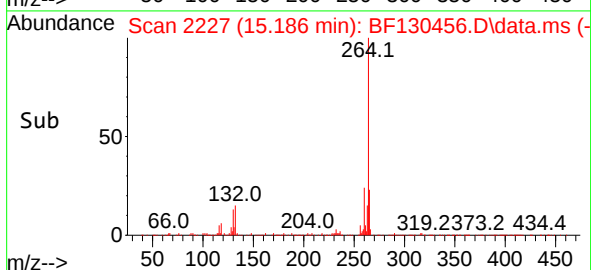
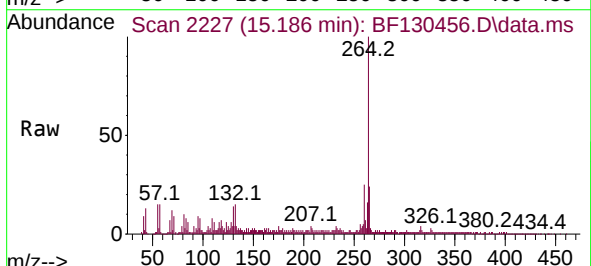
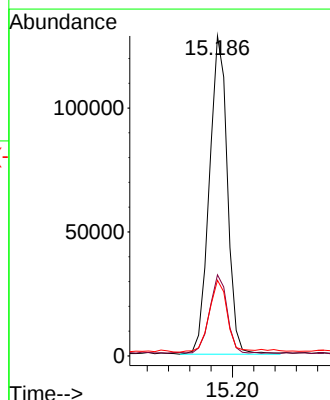
RT: 15.186 min Scan# 2227

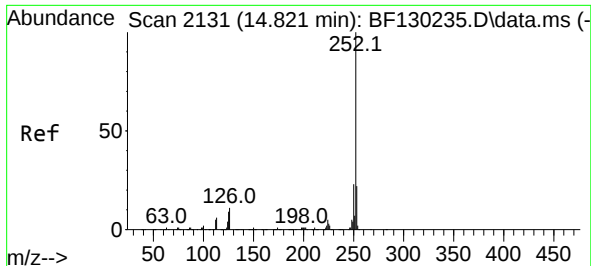
Delta R.T. 0.012 min

Lab File: BF130456.D

Acq: 28 Sep 2022 19:48

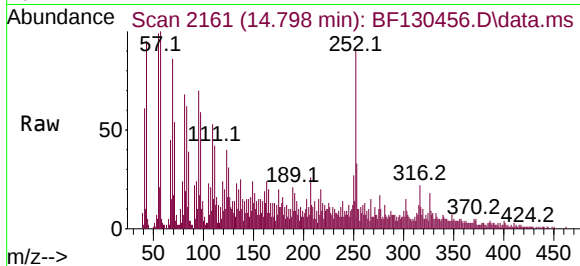
Tgt Ion:	264	Resp:	151169
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.3	28.9
265	23.6	17.0	25.4





#88
Benzo(b)fluoranthene
Concen: 2.208 ng m
RT: 14.798 min Scan# 2131
Delta R.T. 0.012 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

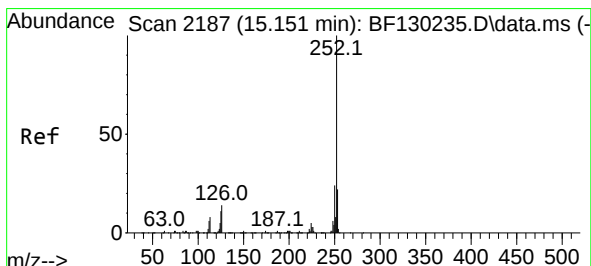
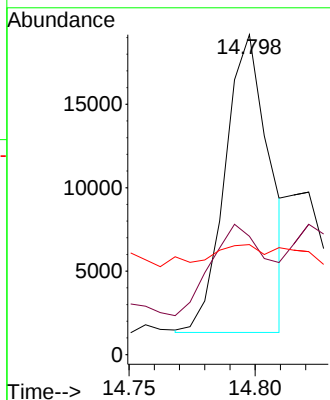
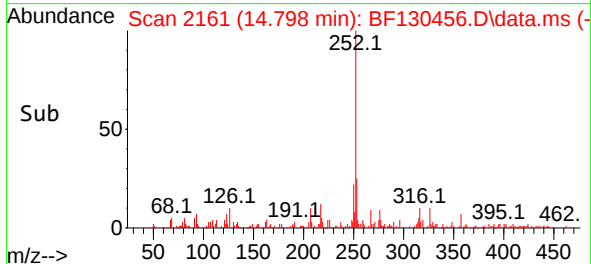
Instrument :
BNA_F
ClientSampleId :
OE-02-092822



Tgt Ion:252 Resp: 21788
Ion Ratio Lower Upper
252 100
253 37.0 17.7 26.5#
125 34.4 8.1 12.1#

Manual Integrations
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Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#90
Benzo(a)pyrene
Concen: 2.251 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF130456.D
Acq: 28 Sep 2022 19:48

Tgt Ion:252 Resp: 17592
Ion Ratio Lower Upper
252 100
253 33.8 17.8 26.6#
125 33.1 9.0 13.6#

