

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131448.D
 Acq On : 29 Nov 2022 01:17
 Operator : CG\JU
 Sample : N5772-04 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/29/2022
 Supervised By : mohammad ahmed 12/02/2022

Quant Time: Nov 29 05:02:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	127339	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	245467	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	122985	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	241177	20.000	ng	0.00
76) Chrysene-d12	14.169	240	169908	20.000	ng	0.00
86) Perylene-d12	15.710	264	124306	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	259566	38.795	ng	0.00
7) Phenol-d6	6.569	99	340188	39.851	ng	0.00
23) Nitrobenzene-d5	7.516	82	160342	32.928	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	57171	55.255	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	217976	25.785	ng	0.00
79) Terphenyl-d14	13.104	244	199521	19.203	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.727	202	68520	4.989	ng	99
78) Pyrene	12.963	202	76021	5.071	ng	99
81) Benzo(a)anthracene	14.157	228	48349	4.151	ng	# 89
83) Chrysene	14.192	228	41880m	3.665	ng	
87) Indeno(1,2,3-cd)pyrene	17.280	276	24759	2.966	ng	96
88) Benzo(b)fluoranthene	15.251	252	53199m	6.442	ng	
89) Benzo(k)fluoranthene	15.280	252	18532m	2.184	ng	
90) Benzo(a)pyrene	15.639	252	37424	5.523	ng	# 80
92) Benzo(g,h,i)perylene	17.762	276	26060	3.788	ng	# 90

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

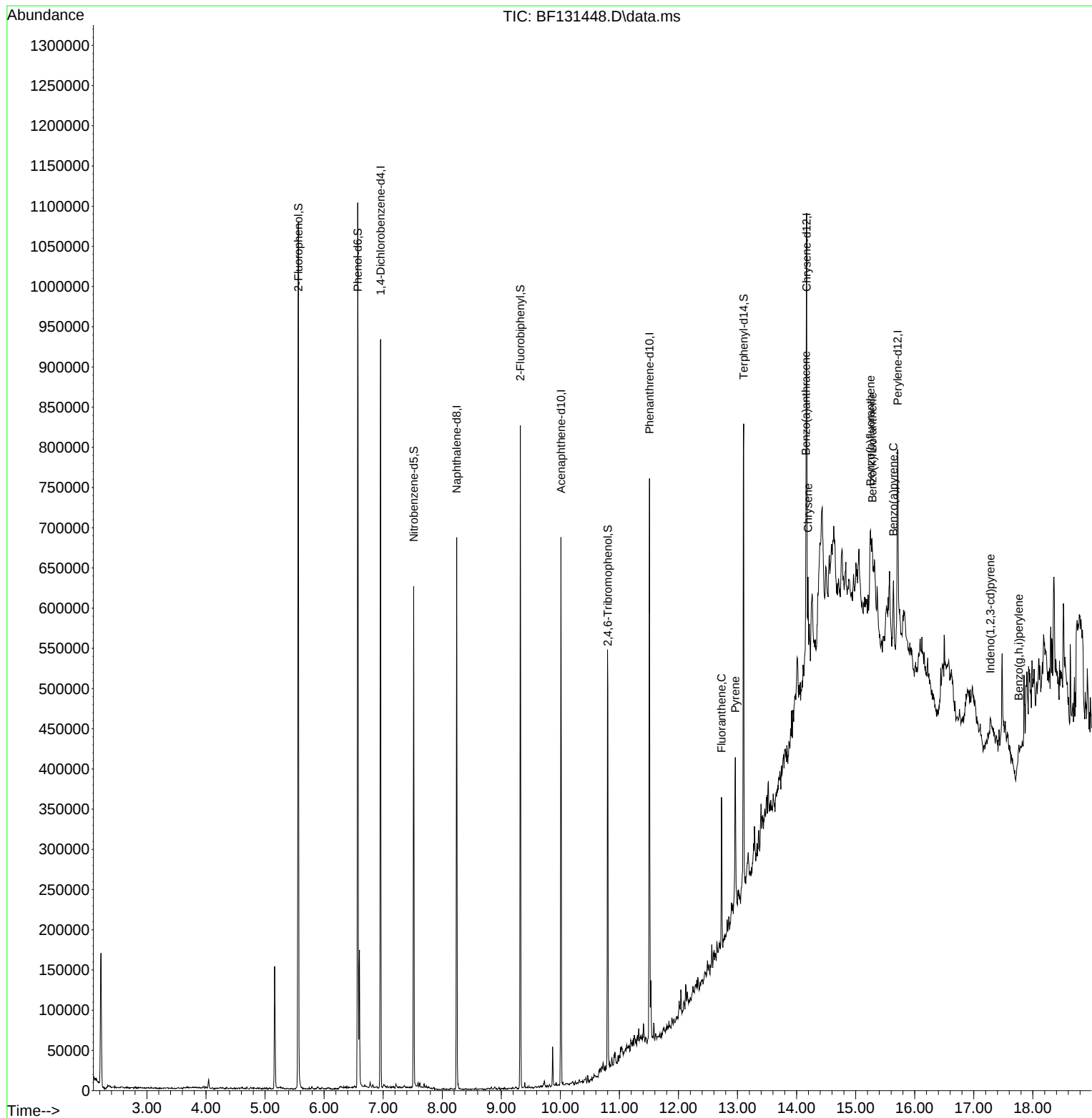
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131448.D
Acq On : 29 Nov 2022 01:17
Operator : CG\JU
Sample : N5772-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

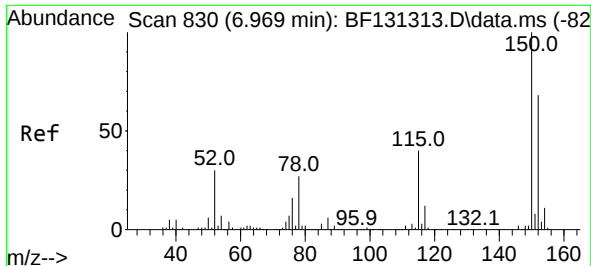
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Nov 29 05:02:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration

Manual Integrations
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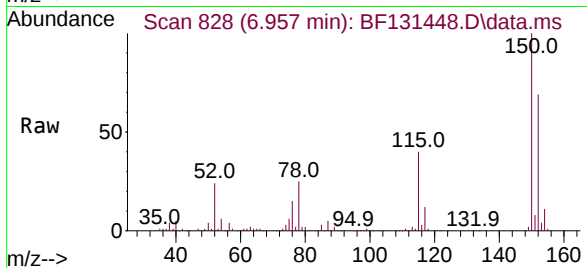
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

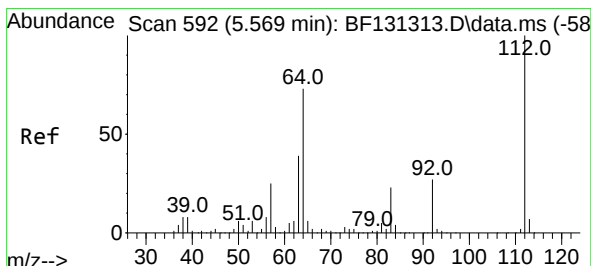
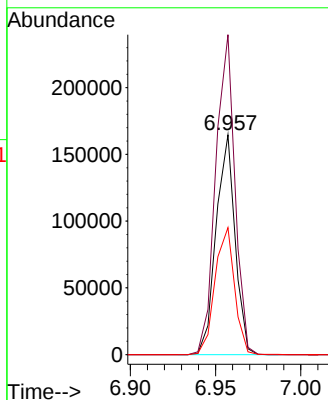
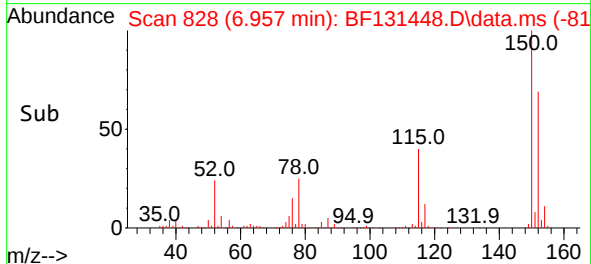
Instrument :
BNA_F
ClientSampleId :
LOCATION-4



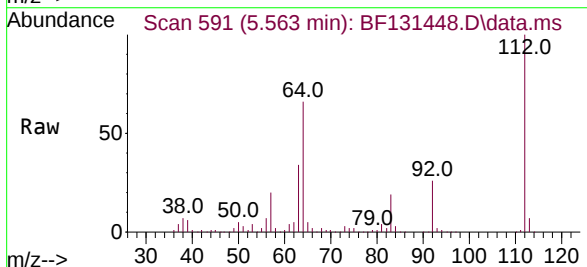
Tgt Ion:152 Resp: 127339
Ion Ratio Lower Upper
152 100
150 145.6 117.8 176.8
115 57.8 47.1 70.7

Manual Integrations
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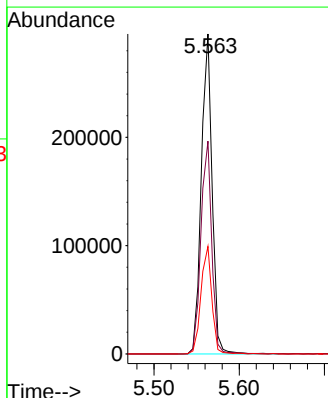
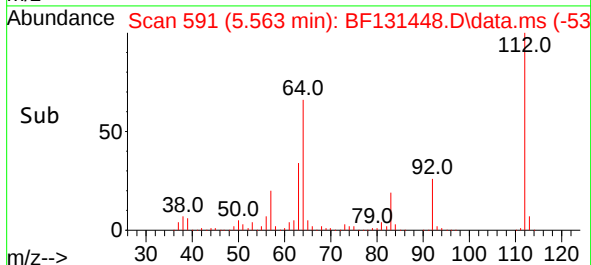
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022

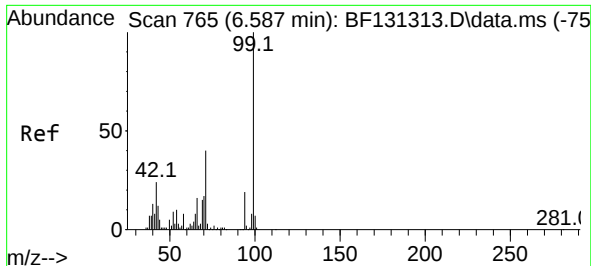


#5
2-Fluorophenol
Concen: 38.795 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17



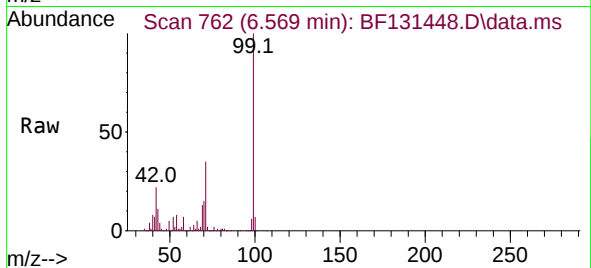
Tgt Ion:112 Resp: 259566
Ion Ratio Lower Upper
112 100
64 66.5 58.6 88.0
63 33.6 31.4 47.0





#7
Phenol-d6
Concen: 39.851 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

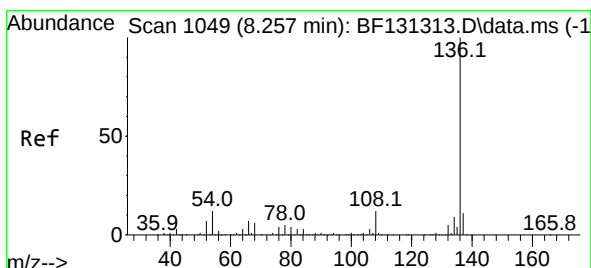
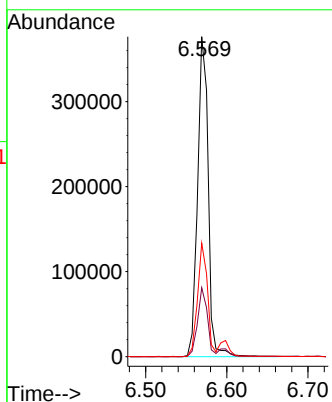
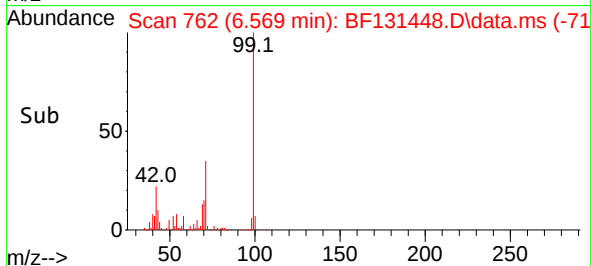
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 340188
Ion Ratio Lower Upper
99 100
42 21.6 19.4 29.2
71 35.5 32.3 48.5

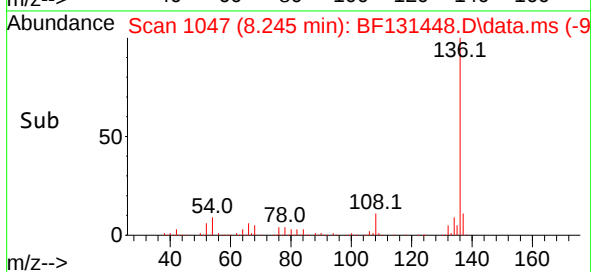
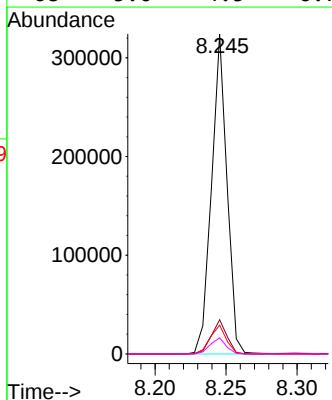
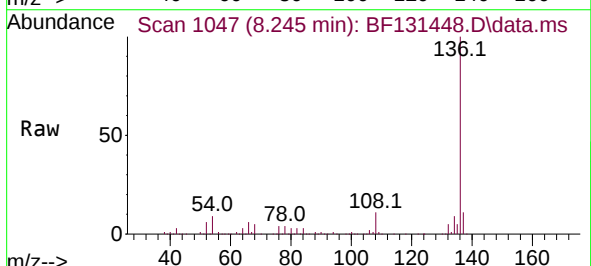
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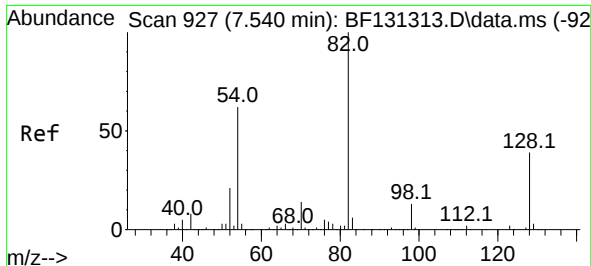
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Tgt Ion:136 Resp: 245467
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.0 9.4 14.0#
68 5.0 4.5 6.7





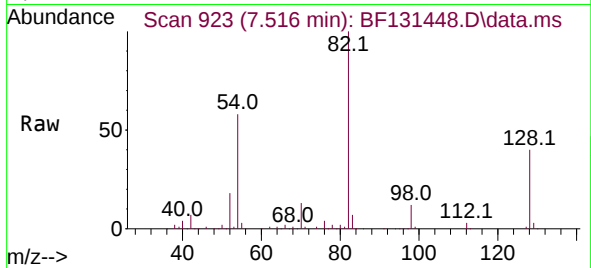
#23
Nitrobenzene-d5
Concen: 32.928 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

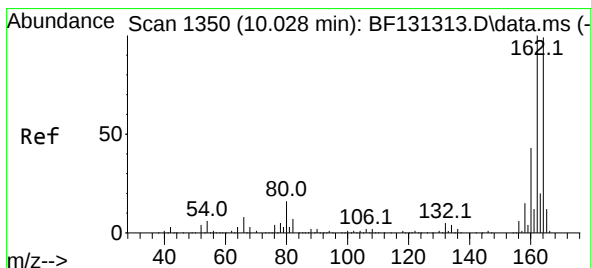
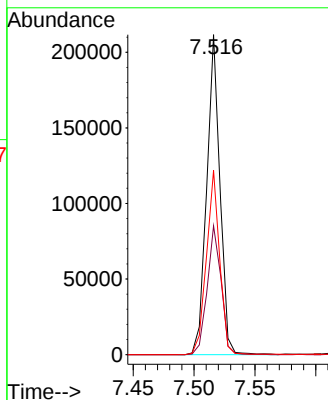
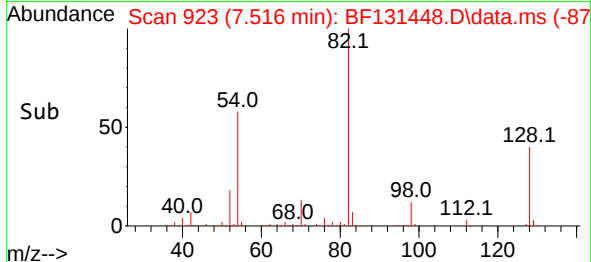


Tgt Ion: 82 Resp: 160342
Ion Ratio Lower Upper
82 100
128 40.2 31.4 47.0
54 57.6 49.8 74.6

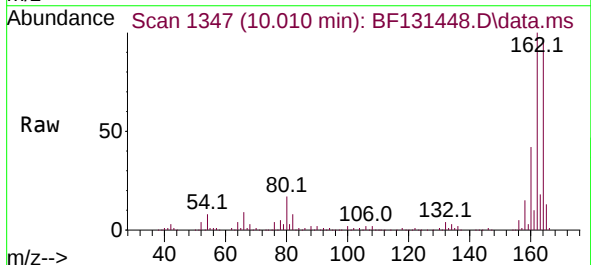
Manual Integrations

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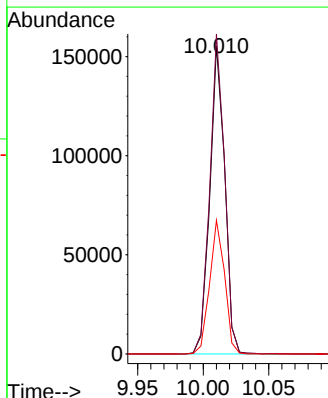
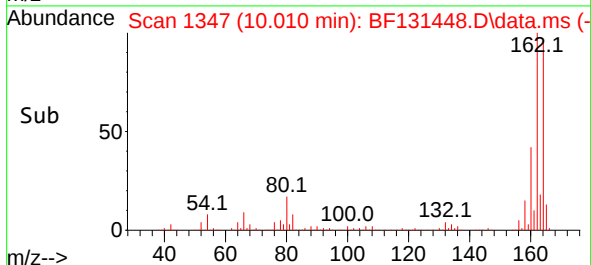
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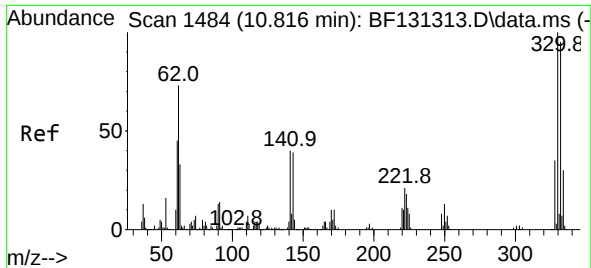


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17



Tgt Ion:164 Resp: 122985
Ion Ratio Lower Upper
164 100
162 103.9 80.6 120.8
160 43.3 34.4 51.6





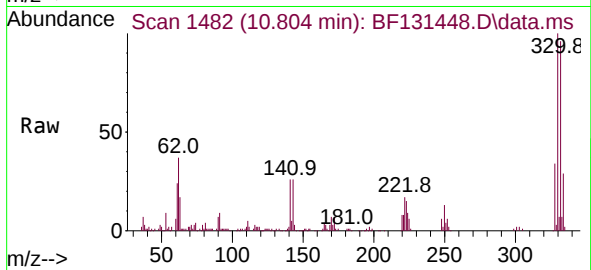
#42
2,4,6-Tribromophenol
Concen: 55.255 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

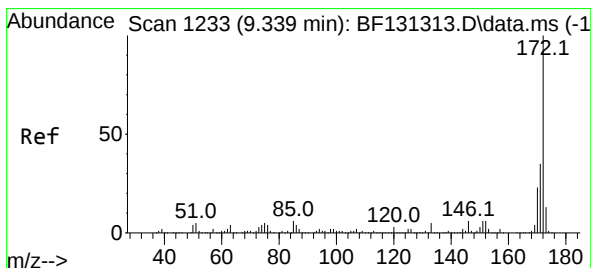
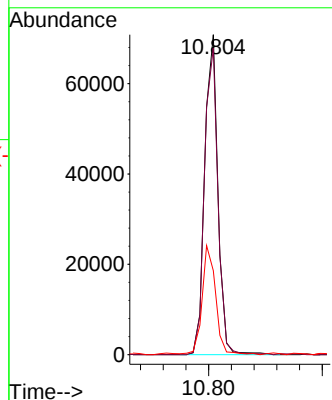
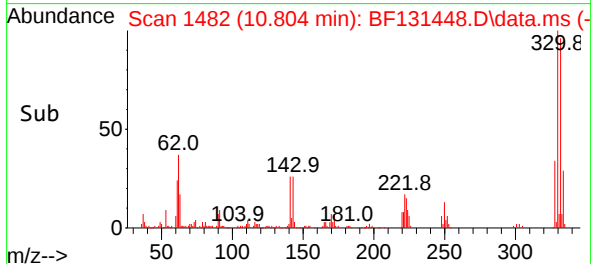


Tgt Ion: 330 Resp: 5717
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 34.7 29.3 43.9

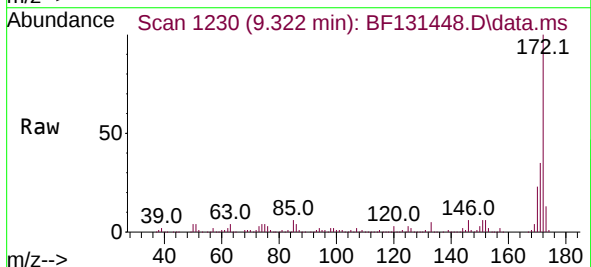
Manual Integrations

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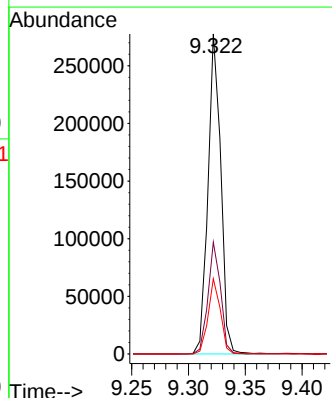
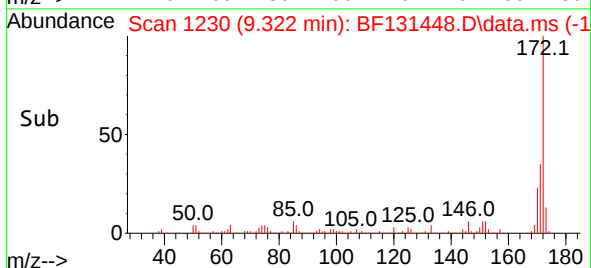
Reviewed By : Christian Giraldo 11/29/2022
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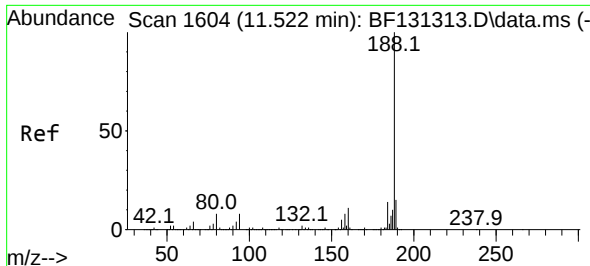


#45
2-Fluorobiphenyl
Concen: 25.785 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17



Tgt Ion: 172 Resp: 217976
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.5 18.7 28.1





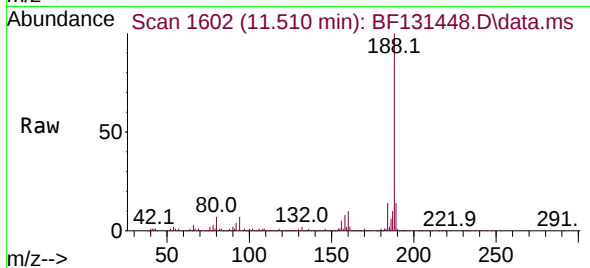
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

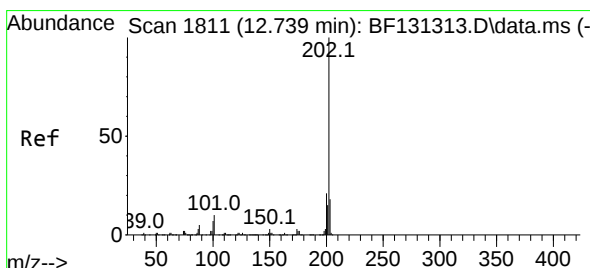
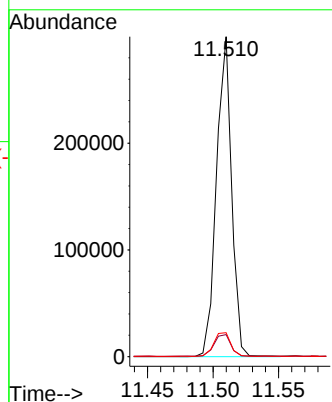
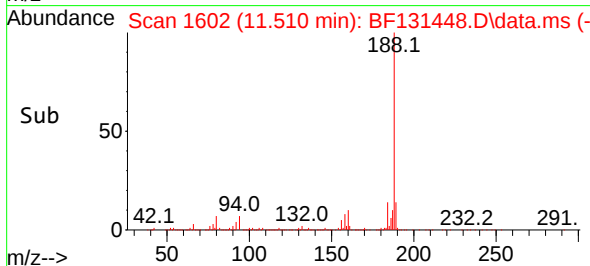


Tgt Ion:188 Resp: 24117
Ion Ratio Lower Upper
188 100
94 6.9 6.3 9.5
80 7.5 6.8 10.2

Manual Integrations

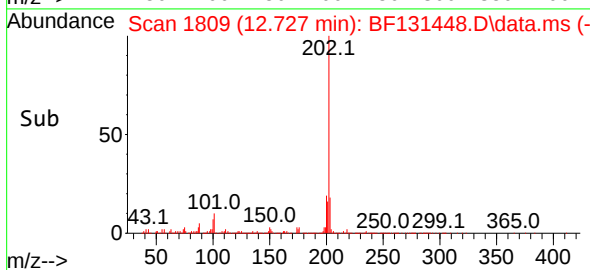
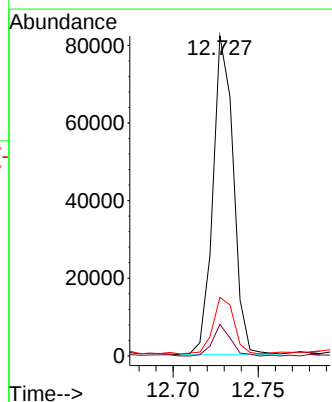
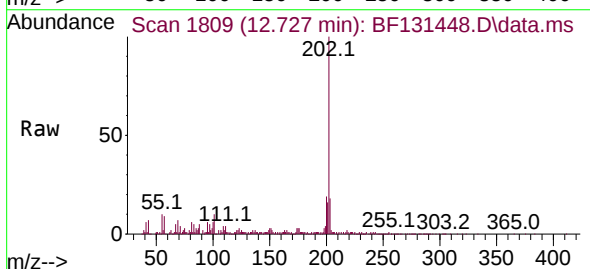
APPROVED

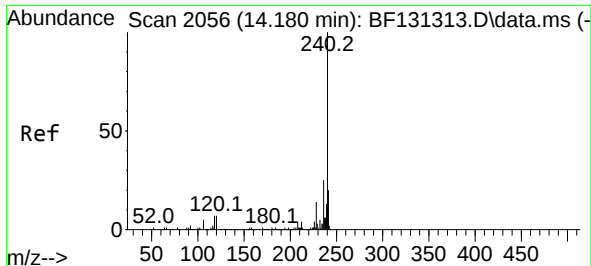
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#75
Fluoranthene
Concen: 4.989 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Tgt Ion:202 Resp: 68520
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.6
203 18.3 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.169 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

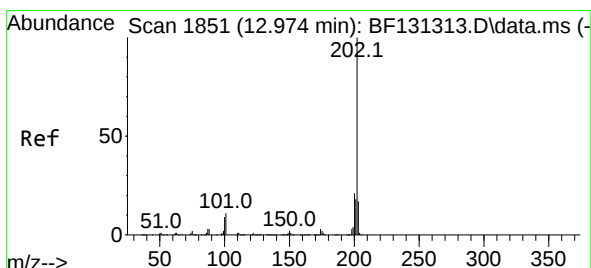
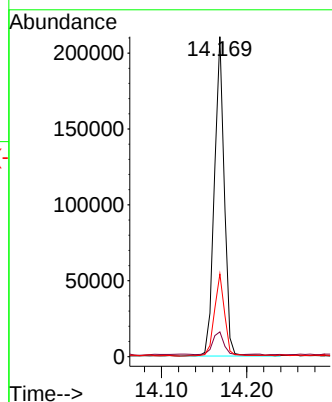
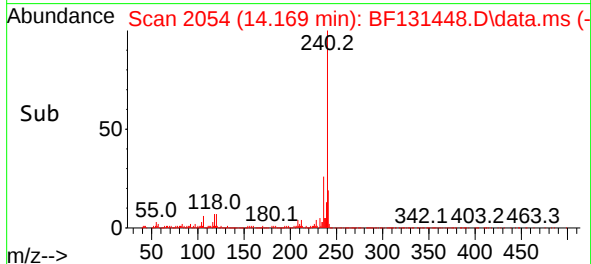
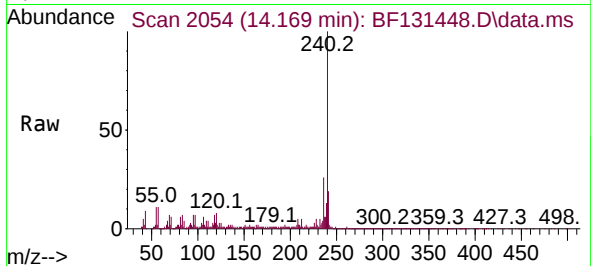
ClientSampleId :

LOCATION-4

Tgt Ion:240 Resp: 169908
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 25.8 20.3 30.5

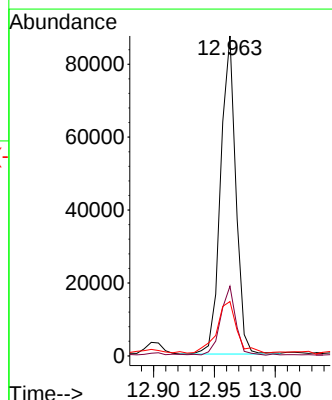
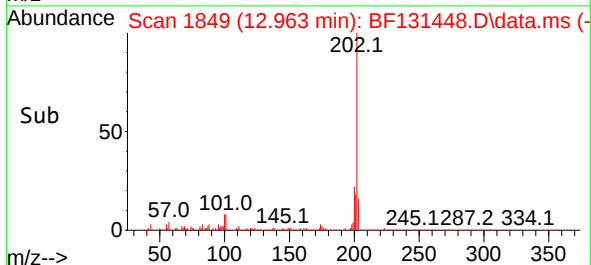
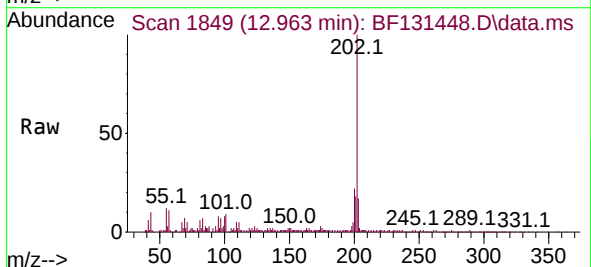
Manual Integrations
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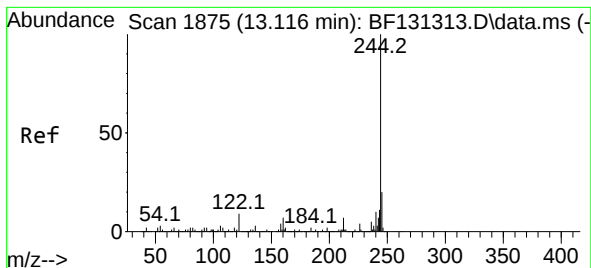
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#78
Pyrene
Concen: 5.071 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Tgt Ion:202 Resp: 76021
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 17.0 13.9 20.9





#79

Terphenyl-d14

Concen: 19.203 ng

RT: 13.104 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

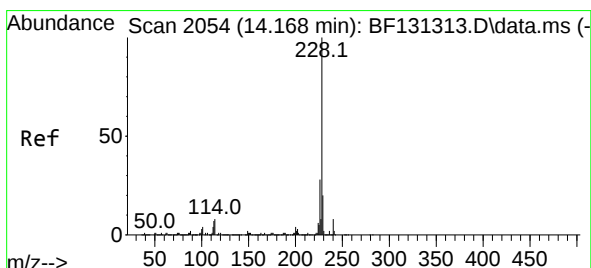
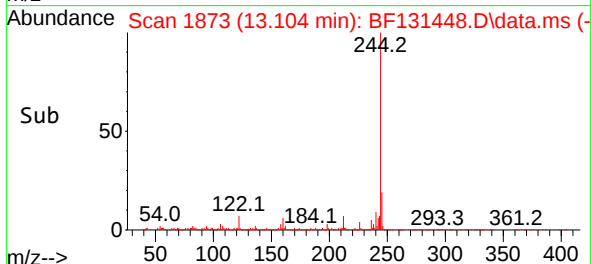
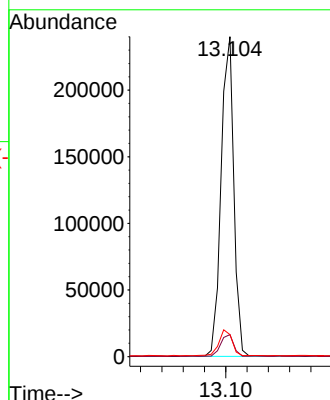
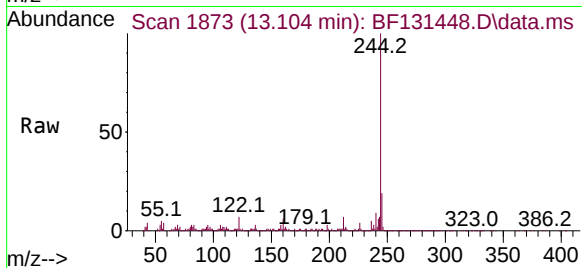
Tgt Ion:244 Resp: 19952

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	6.9	7.5	11.3

Manual Integrations

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#81

Benzo(a)anthracene

Concen: 4.151 ng

RT: 14.157 min Scan# 2052

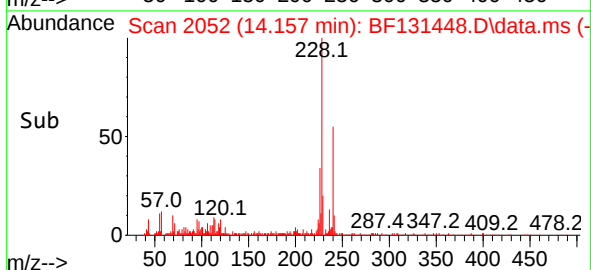
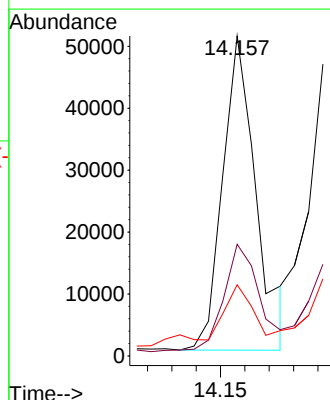
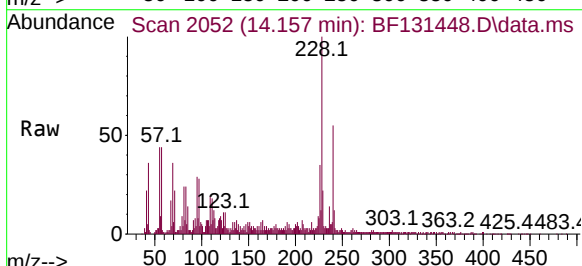
Delta R.T. 0.000 min

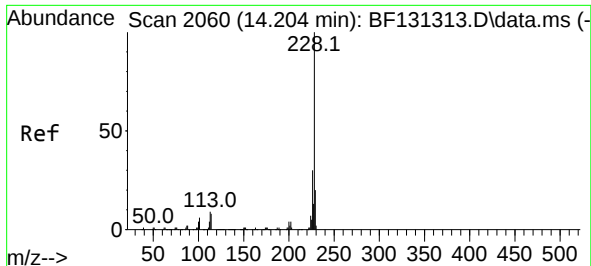
Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Tgt Ion:228 Resp: 48349

Ion	Ratio	Lower	Upper
228	100		
226	34.9	22.0	33.0
229	22.2	15.7	23.5





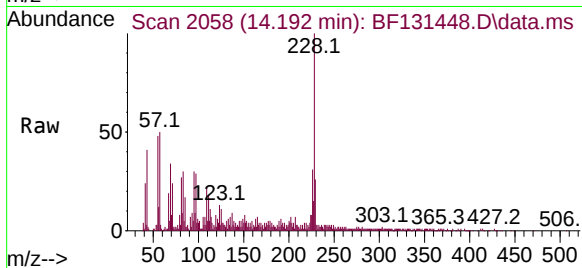
#83
Chrysene
Concen: 3.665 ng m
RT: 14.192 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

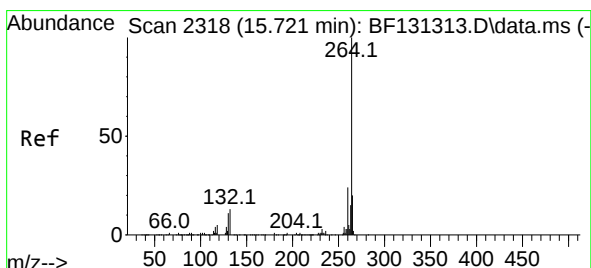
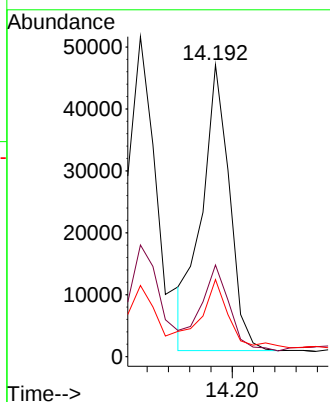
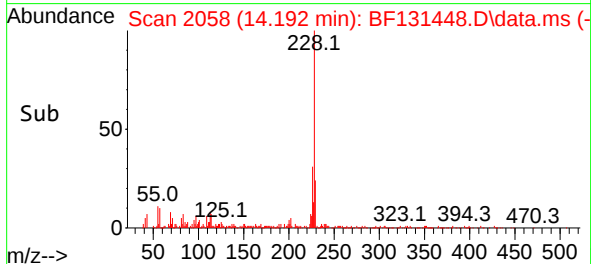


Tgt Ion:228 Resp: 41880
Ion Ratio Lower Upper
228 100
226 31.4 23.7 35.5
229 26.4 16.2 24.4

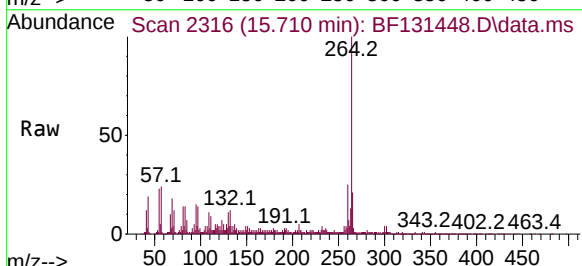
Manual Integrations

APPROVED

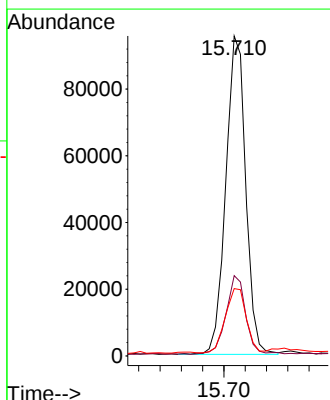
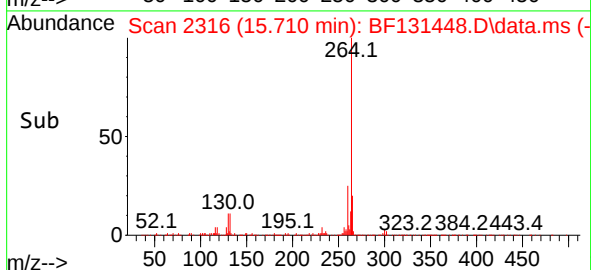
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022

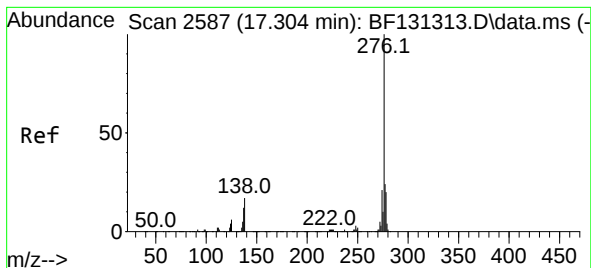


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.710 min Scan# 2316
Delta R.T. 0.012 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17



Tgt Ion:264 Resp: 124306
Ion Ratio Lower Upper
264 100
260 25.1 19.0 28.4
265 21.0 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.966 ng

RT: 17.280 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

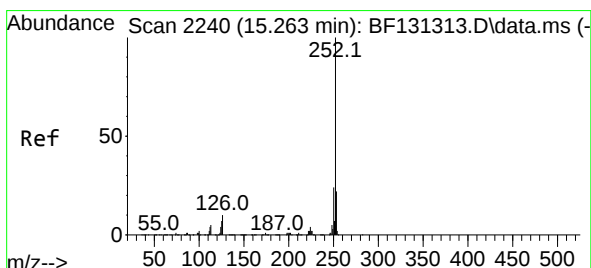
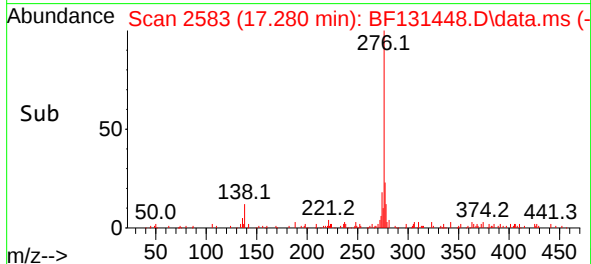
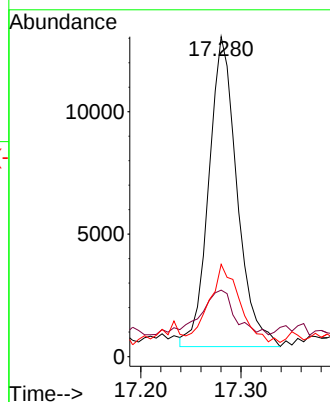
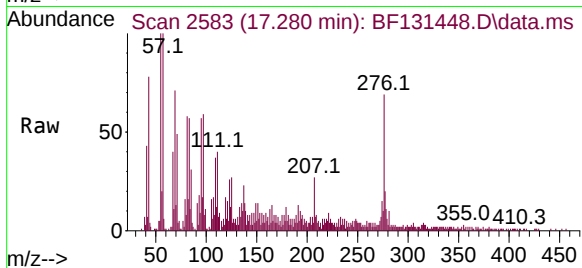
LOCATION-4

Tgt Ion:	276	Resp:	24759
Ion Ratio	Lower	Upper	
276	100		
138	17.6	15.8	23.6
277	26.9	20.3	30.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#88

Benzo(b)fluoranthene

Concen: 6.442 ng m

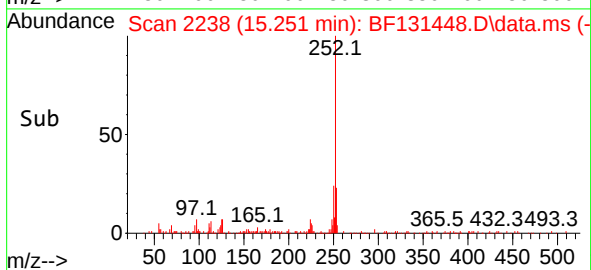
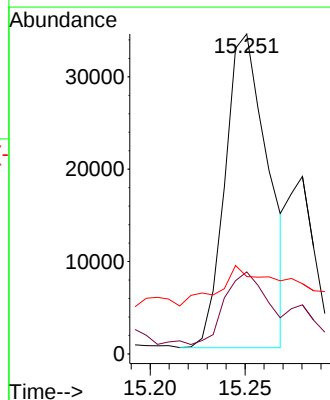
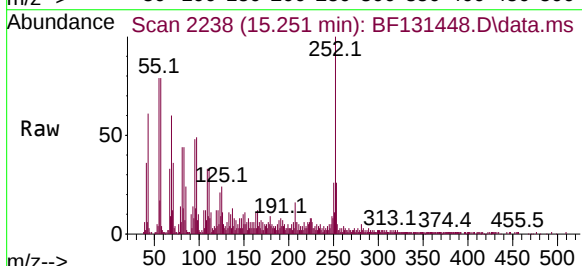
RT: 15.251 min Scan# 2238

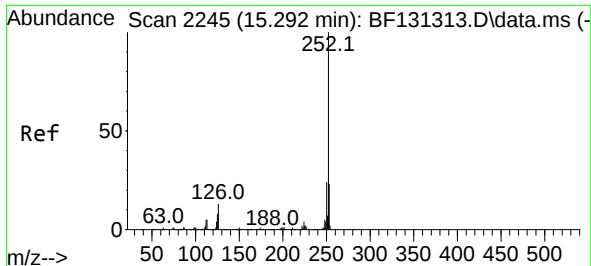
Delta R.T. 0.006 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Tgt Ion:	252	Resp:	53199
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.5	26.3
125	24.2	5.8	8.6





#89

Benzo(k)fluoranthene

Concen: 2.184 ng m

RT: 15.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Instrument :

BNF

ClientSampleId :

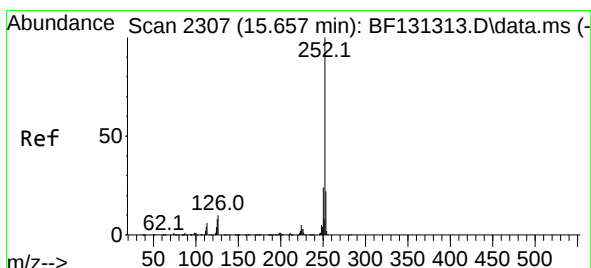
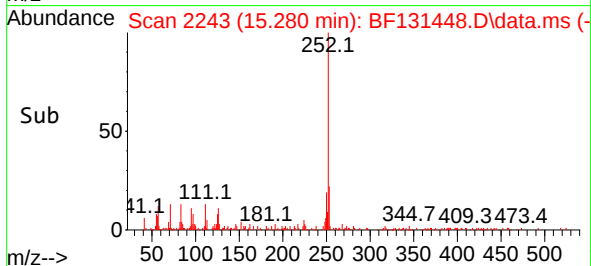
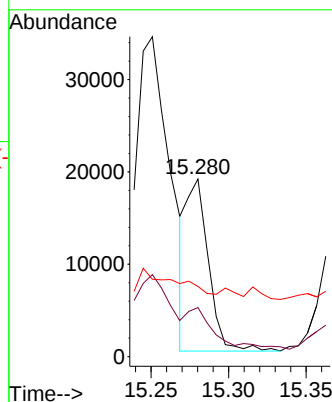
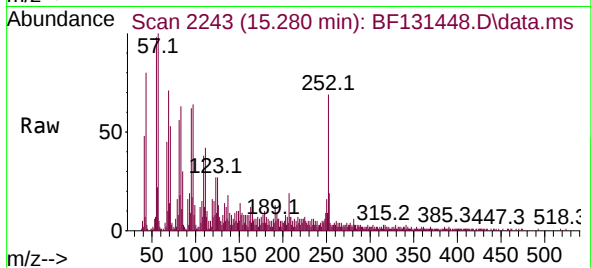
LOCATION-4

Tgt Ion:	252	Resp:	18532
Ion Ratio	Lower	Upper	
252	100		
253	27.6	17.9	26.9
125	39.5	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022



#90

Benzo(a)pyrene

Concen: 5.523 ng

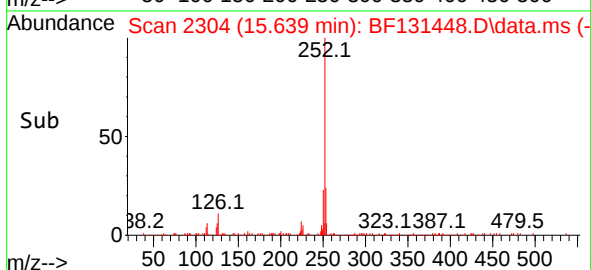
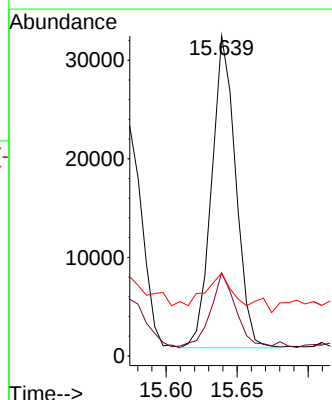
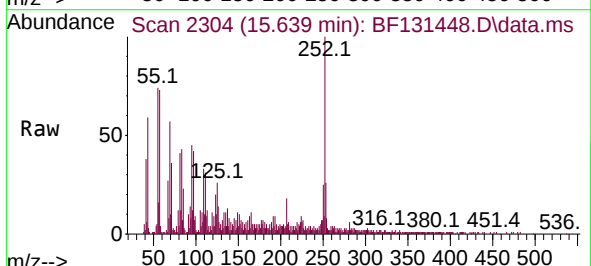
RT: 15.639 min Scan# 2304

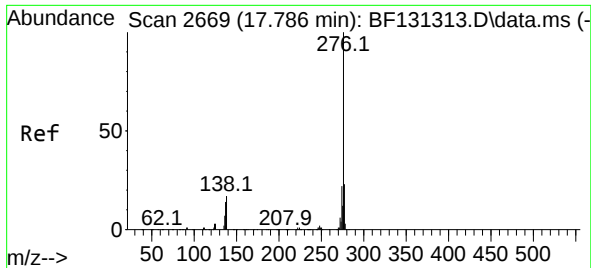
Delta R.T. 0.000 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Tgt Ion:	252	Resp:	37424
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.5	26.3
125	25.8	6.1	9.1





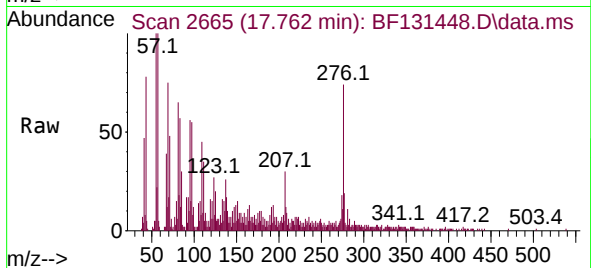
#92
Benzo(g,h,i)perylene
Concen: 3.788 ng
RT: 17.762 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4



Tgt Ion:276 Resp: 26060
Ion Ratio Lower Upper
276 100
277 26.1 18.3 27.5
138 23.5 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/02/2022

