

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131656.D
 Acq On : 15 Dec 2022 18:57
 Operator : CG\JU
 Sample : N6038-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-33-(2-4)

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 16 01:54:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72168	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	260540	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	150755	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	288336	20.000	ng	0.00
76) Chrysene-d12	14.080	240	139686	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	151625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	547594	126.586	ng	0.00
7) Phenol-d6	6.510	99	713843	125.926	ng	0.00
23) Nitrobenzene-d5	7.451	82	497684	72.219	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	194270	115.987	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	777098	64.994	ng	0.00
79) Terphenyl-d14	13.021	244	712831	69.984	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.645	202	119639	7.229	ng	99
78) Pyrene	12.874	202	112109	8.139	ng	98
81) Benzo(a)anthracene	14.068	228	41546m	4.119	ng	
83) Chrysene	14.104	228	42203	4.401	ng	97
88) Benzo(b)fluoranthene	15.133	252	54906m	5.494	ng	
90) Benzo(a)pyrene	15.515	252	39131	4.588	ng	# 96
92) Benzo(g,h,i)perylene	17.550	276	30352	2.965	ng	96

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

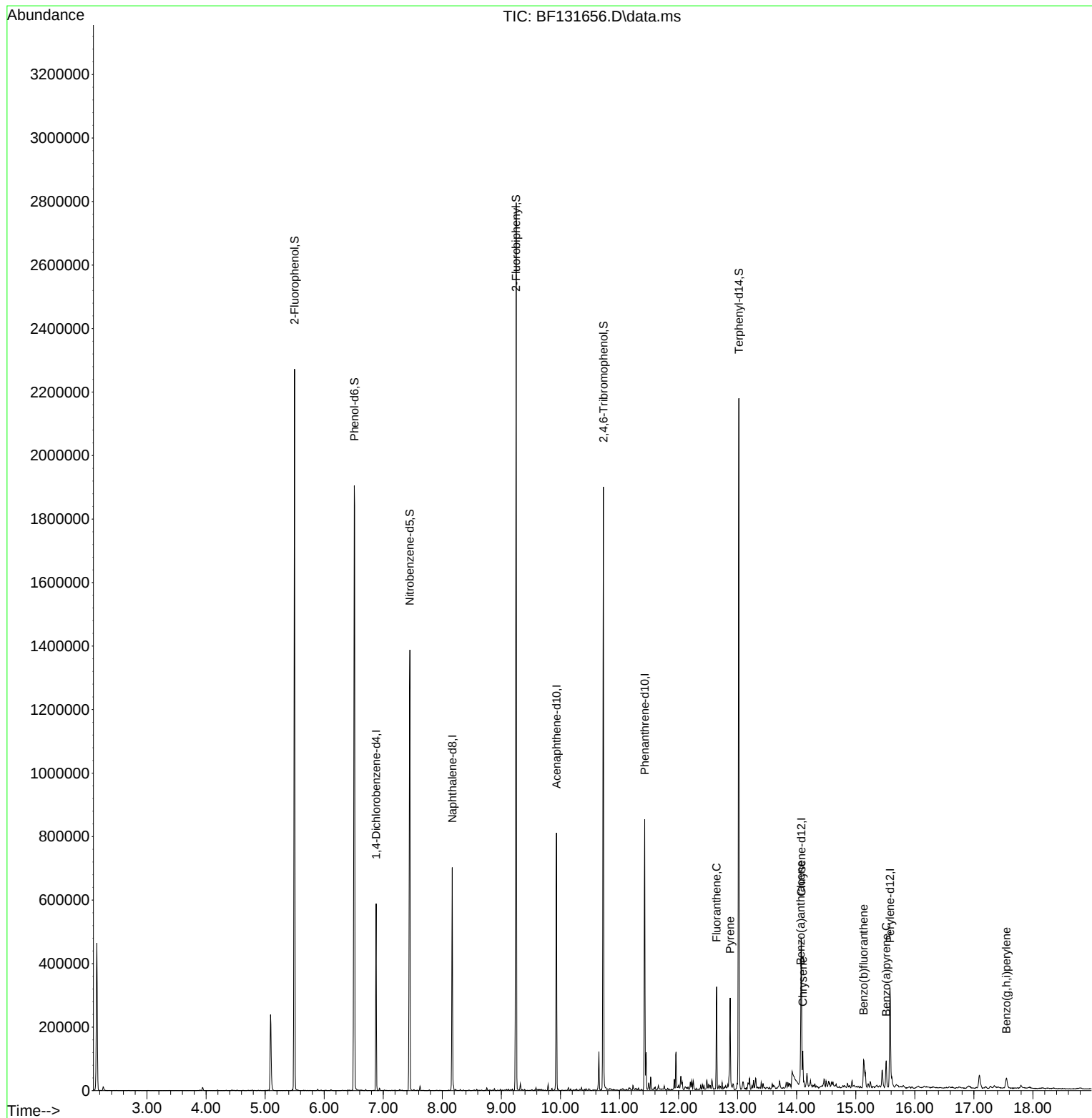
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131656.D
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Operator : CG\JU
Sample : N6038-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

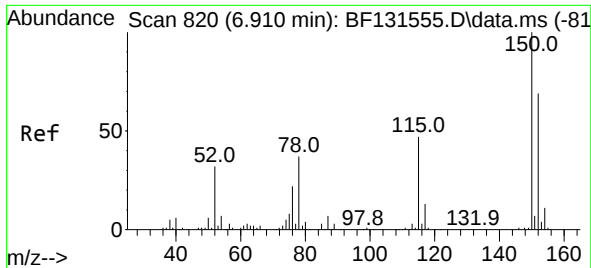
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

Quant Time: Dec 16 01:54:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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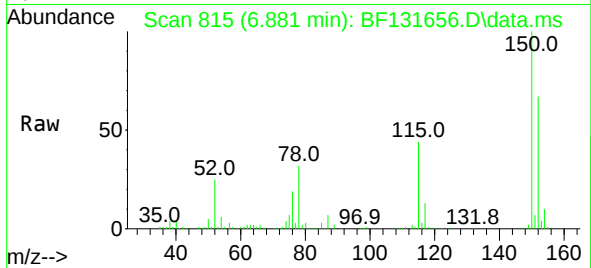
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

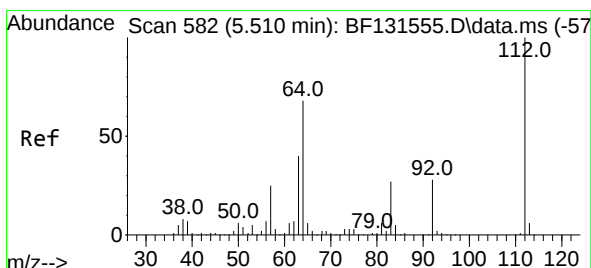
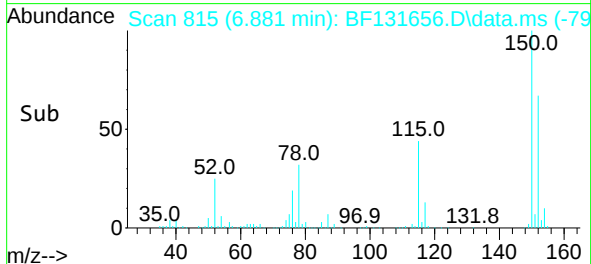
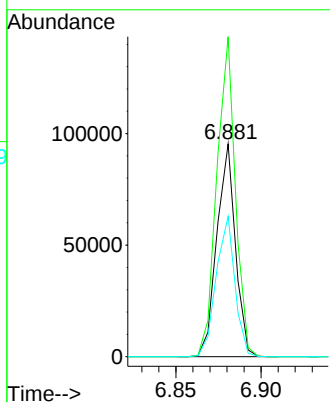
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)



Tgt Ion:152 Resp: 72168
Ion Ratio Lower Upper
152 100
150 150.3 116.7 175.1
115 66.0 54.6 82.0

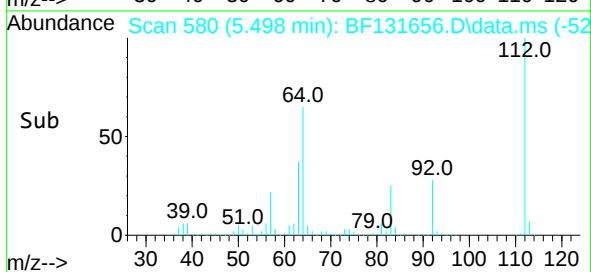
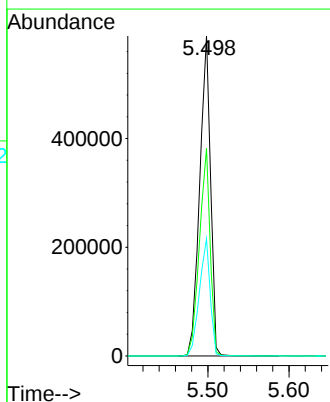
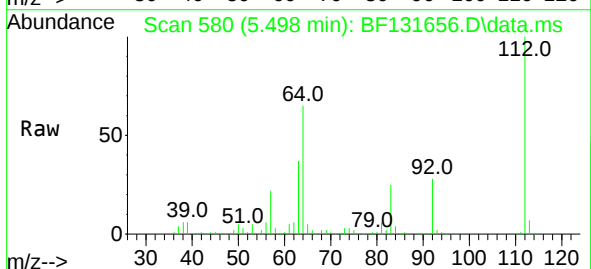
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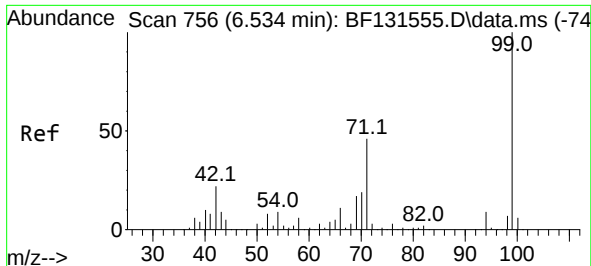
Reviewed By :Jagrut Upadhyay 12/16/2022
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#5
2-Fluorophenol
Concen: 126.586 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

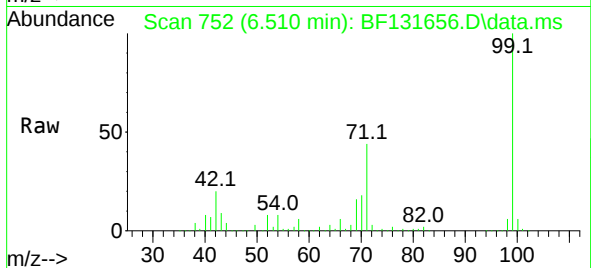
Tgt Ion:112 Resp: 547594
Ion Ratio Lower Upper
112 100
64 65.0 54.5 81.7
63 36.6 31.9 47.9





#7
Phenol-d6
Concen: 125.926 ng
RT: 6.510 min Scan# 71384
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

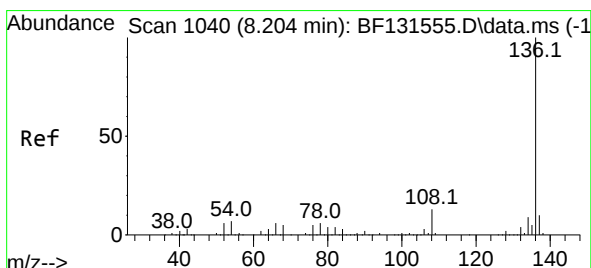
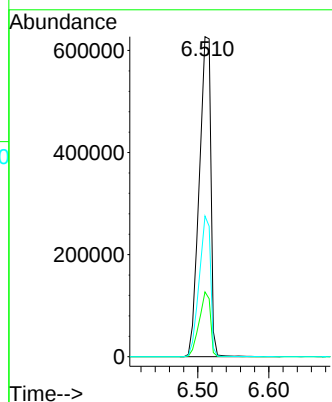
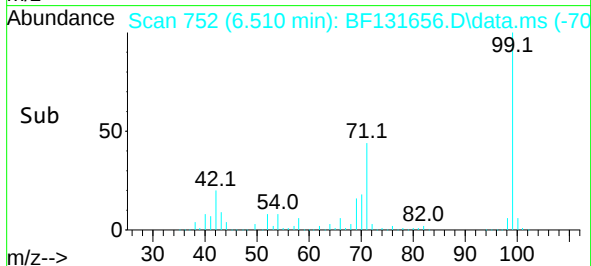
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)



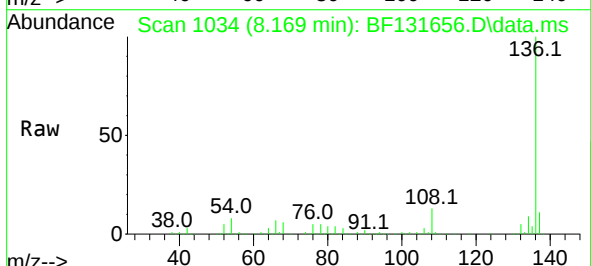
Tgt Ion: 99 Resp: 71384
Ion Ratio Lower Upper
99 100
42 20.3 17.9 26.9
71 44.0 37.2 55.8

Manual Integrations
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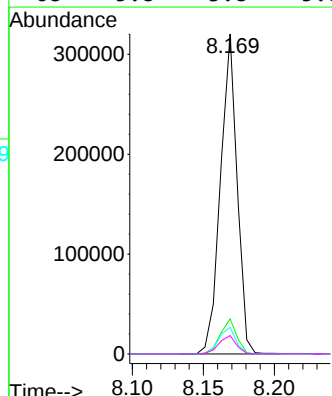
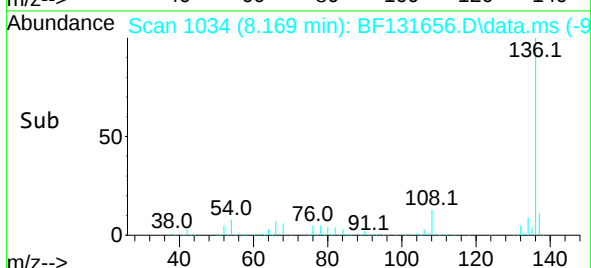
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

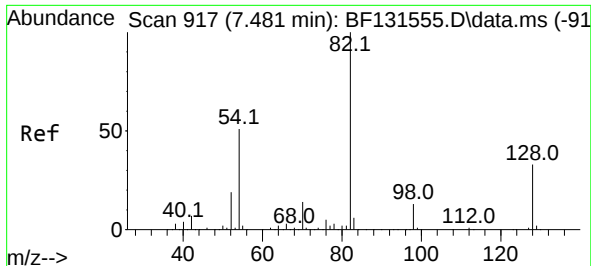


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57



Tgt Ion:136 Resp: 260540
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 8.3 6.0 9.0
68 5.8 3.8 5.8





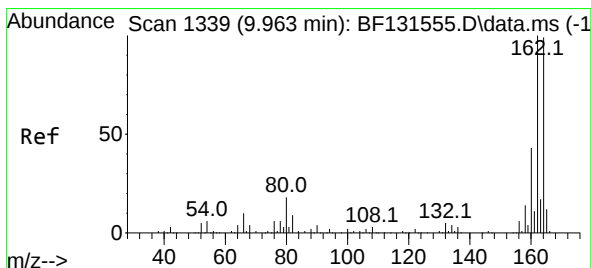
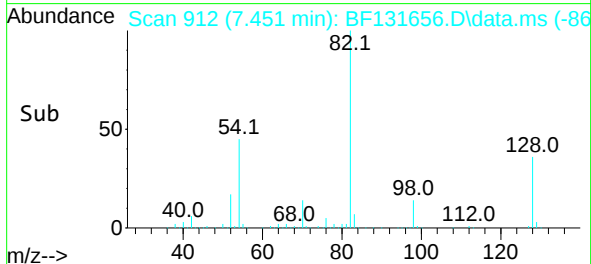
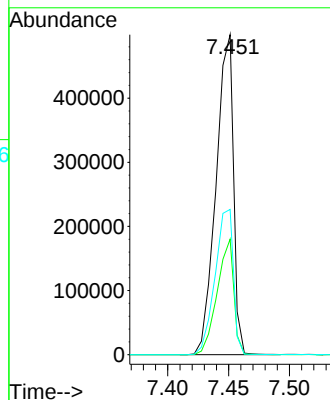
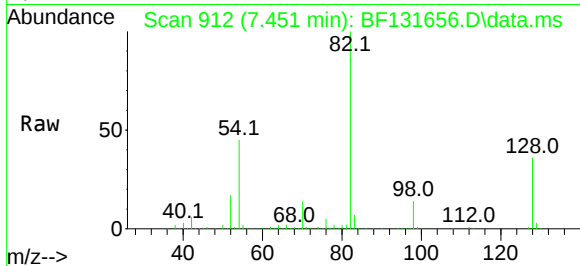
#23
Nitrobenzene-d5
Concen: 72.219 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

Tgt Ion: 82 Resp: 497684
Ion Ratio Lower Upper
82 100
128 36.1 26.1 39.1
54 45.4 40.6 60.8

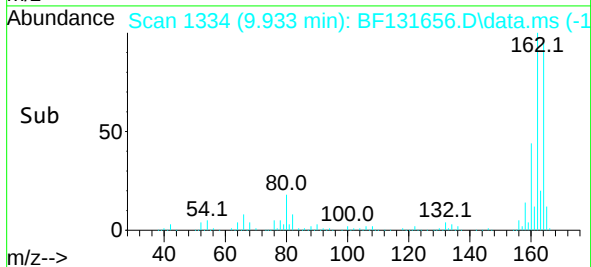
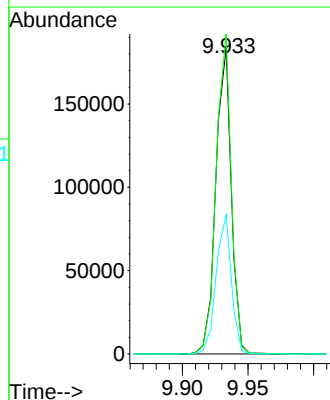
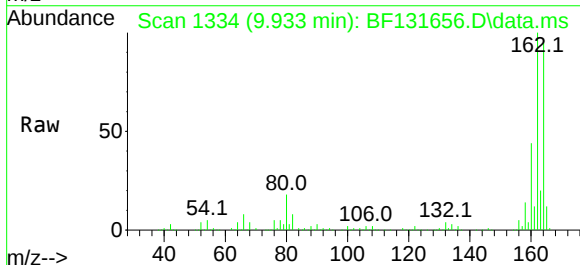
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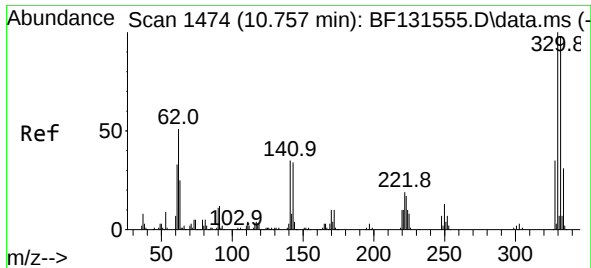
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

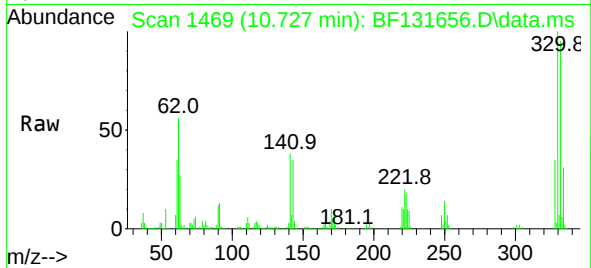
Tgt Ion:164 Resp: 150755
Ion Ratio Lower Upper
164 100
162 104.6 81.0 121.6
160 45.5 35.0 52.6





#42
2,4,6-Tribromophenol
Concen: 115.987 ng
RT: 10.727 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

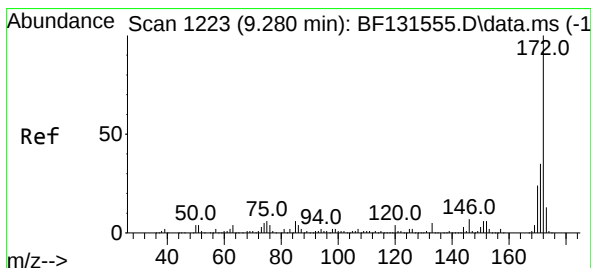
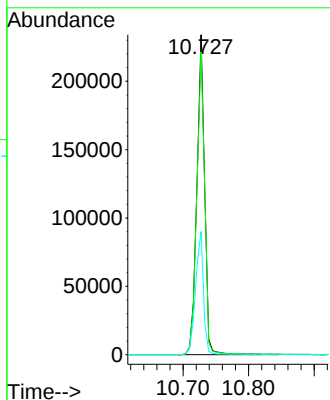
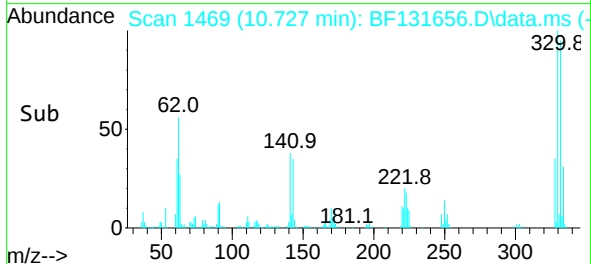
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)



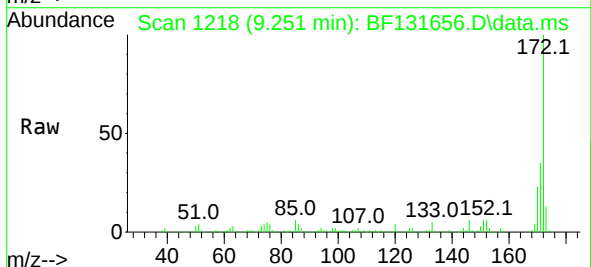
Tgt Ion: 330 Resp: 194270
Ion Ratio Lower Upper
330 100
332 96.3 78.3 117.5
141 39.4 32.6 49.0

Manual Integrations
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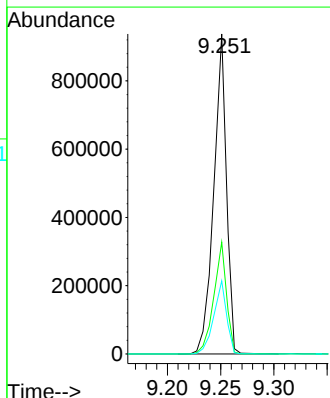
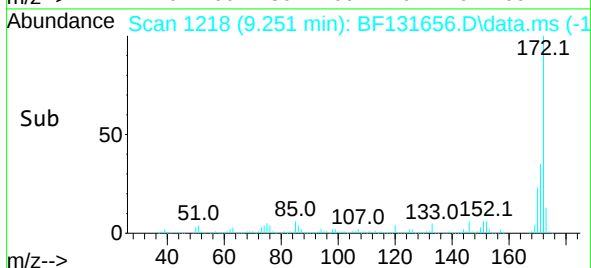
Reviewed By : Jagrut Upadhyay 12/16/2022
Supervised By : mohammad ahmed 12/17/2022

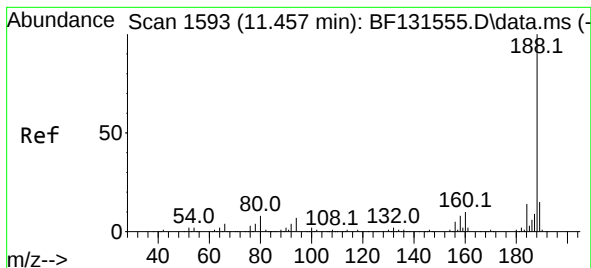


#45
2-Fluorobiphenyl
Concen: 64.994 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57



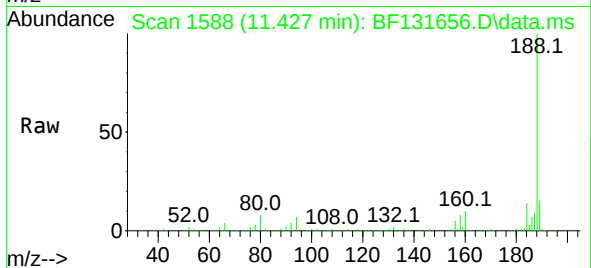
Tgt Ion: 172 Resp: 777098
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.8 19.3 28.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

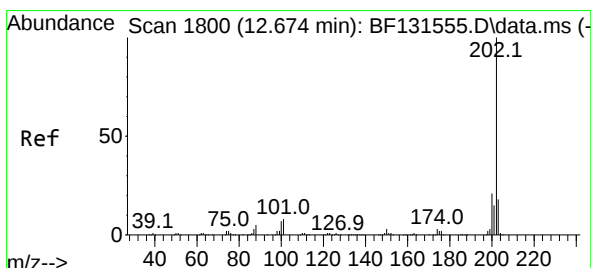
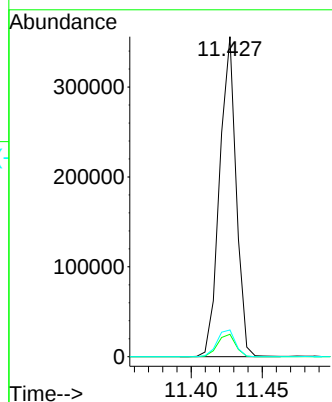
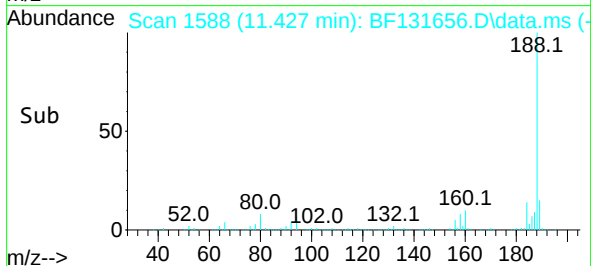
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)



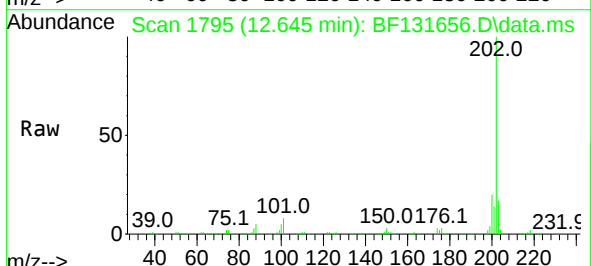
Tgt Ion:188 Resp: 288330
Ion Ratio Lower Upper
188 100
94 7.0 5.5 8.3
80 8.4 6.6 10.0

Manual Integrations
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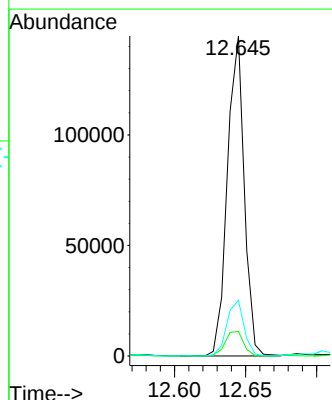
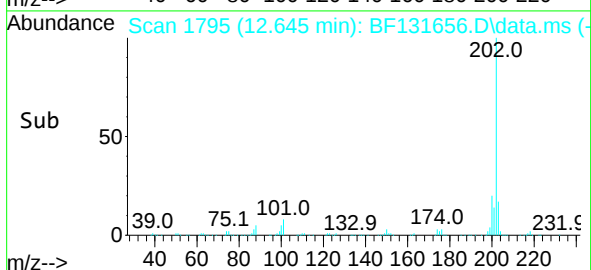
Reviewed By :Jagrut Upadhyay 12/16/2022
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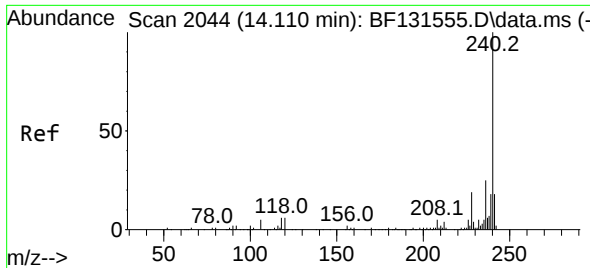


#75
Fluoranthene
Concen: 7.229 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57



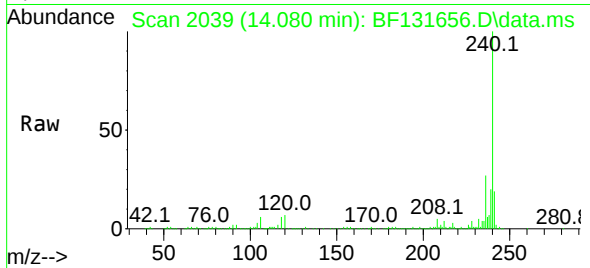
Tgt Ion:202 Resp: 119639
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.7
203 17.4 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

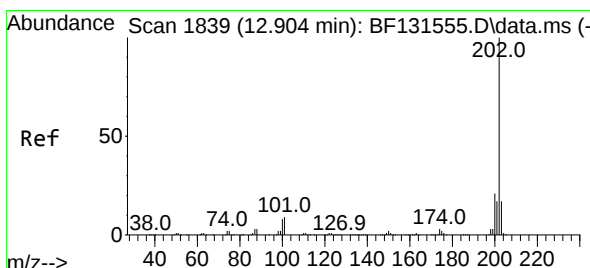
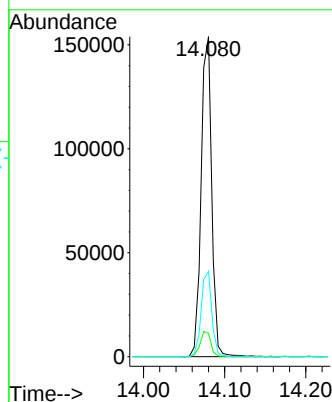
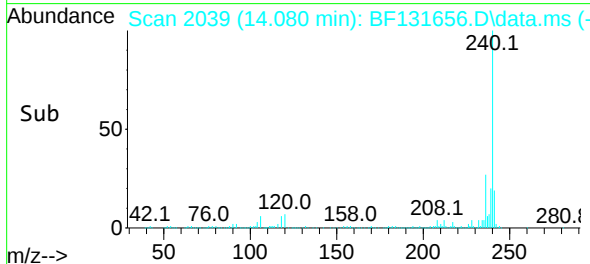
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)



Tgt Ion:240 Resp: 139680
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0
236 26.7 20.2 30.2

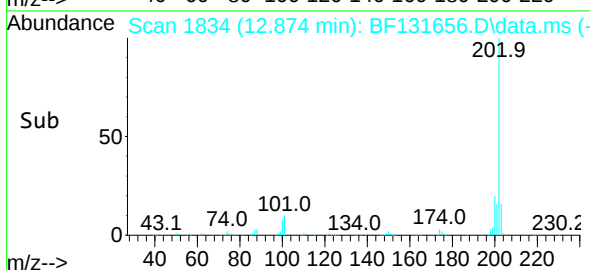
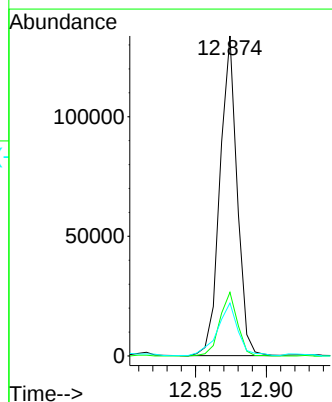
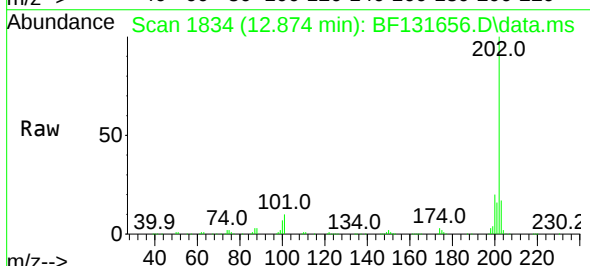
Manual Integrations
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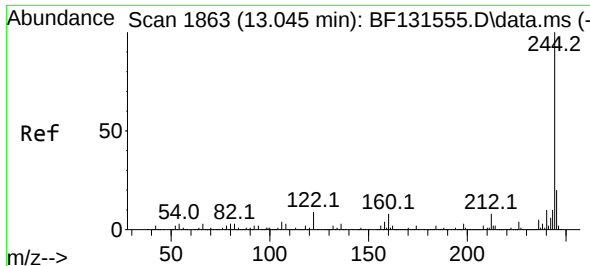
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#78
Pyrene
Concen: 8.139 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

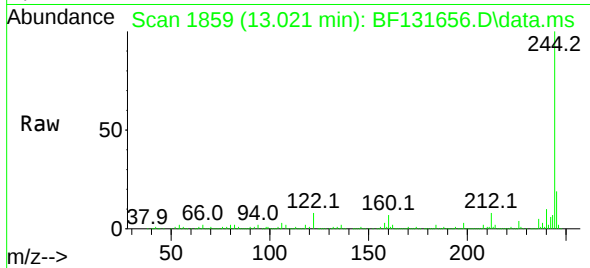
Tgt Ion:202 Resp: 112109
Ion Ratio Lower Upper
202 100
200 19.9 16.7 25.1
203 16.6 13.8 20.6





#79
 Terphenyl-d14
 Concen: 69.984 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.000 min
 Lab File: BF131656.D
 Acq: 15 Dec 2022 18:57

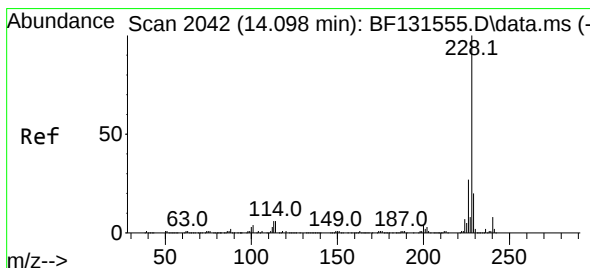
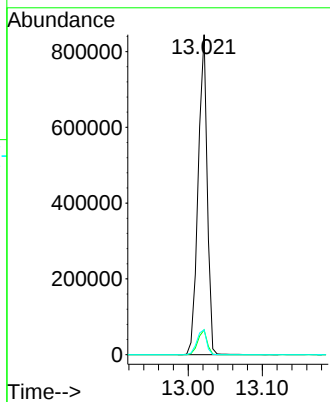
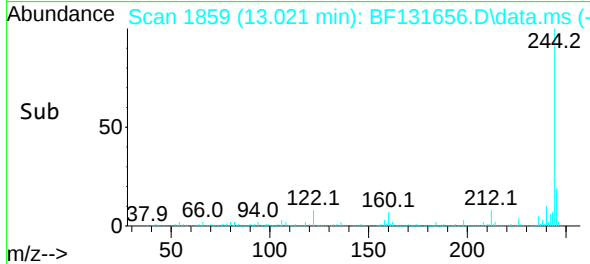
Instrument :
 BNA_F
 ClientSampleId :
 RB-33-(2-4)



Tgt Ion:244 Resp: 71283
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.8 7.1 10.7

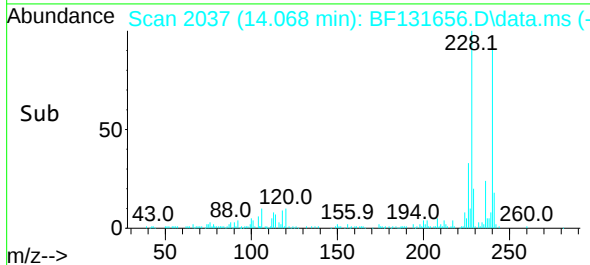
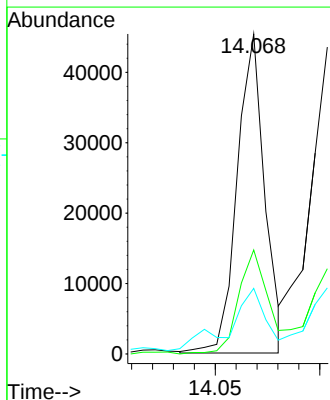
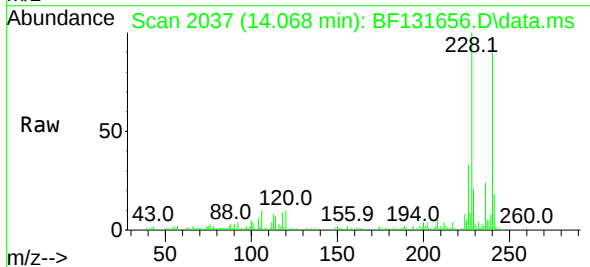
Manual Integrations
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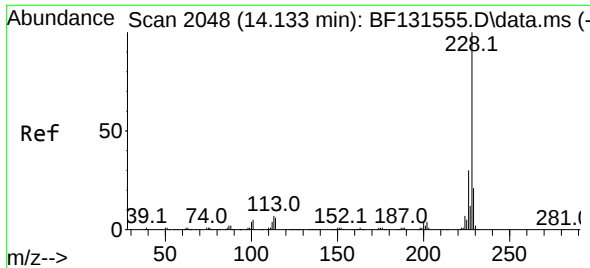
Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022



#81
 Benzo(a)anthracene
 Concen: 4.119 ng m
 RT: 14.068 min Scan# 2037
 Delta R.T. -0.000 min
 Lab File: BF131656.D
 Acq: 15 Dec 2022 18:57

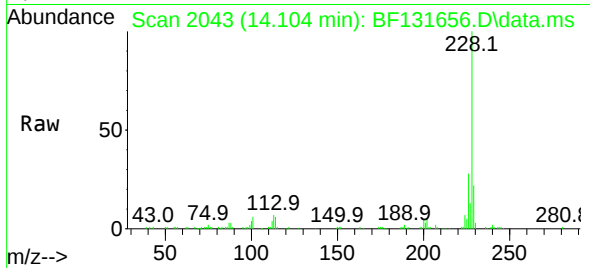
Tgt Ion:228 Resp: 41546
 Ion Ratio Lower Upper
 228 100
 226 32.5 21.5 32.3#
 229 20.5 15.8 23.6





#83
Chrysene
Concen: 4.401 ng
RT: 14.104 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

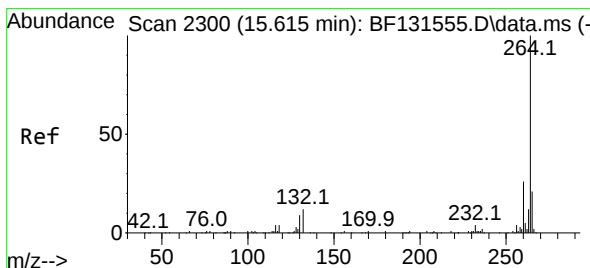
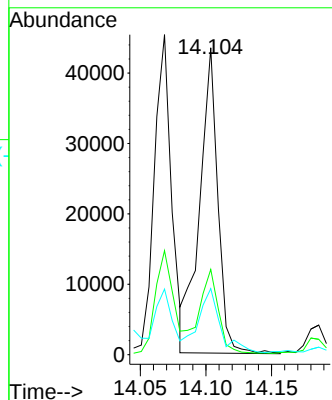
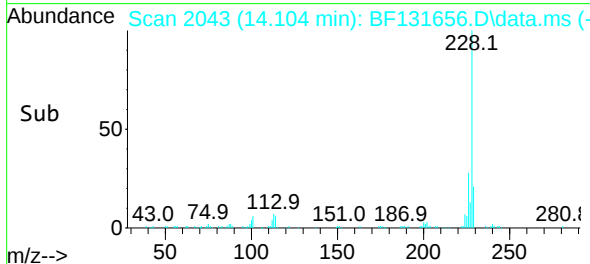
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)



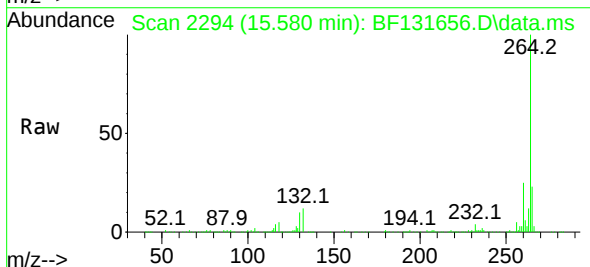
Tgt Ion:228 Resp: 4220
Ion Ratio Lower Upper
228 100
226 27.8 23.9 35.9
229 21.5 16.7 25.1

Manual Integrations
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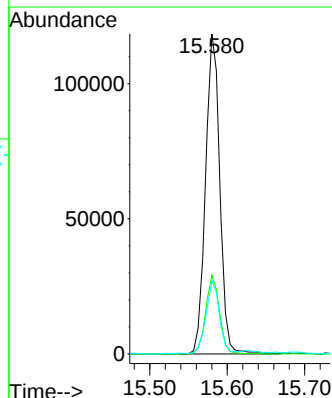
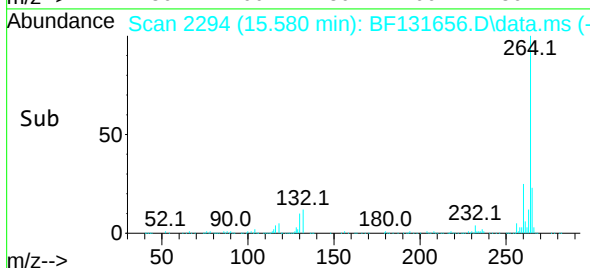
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

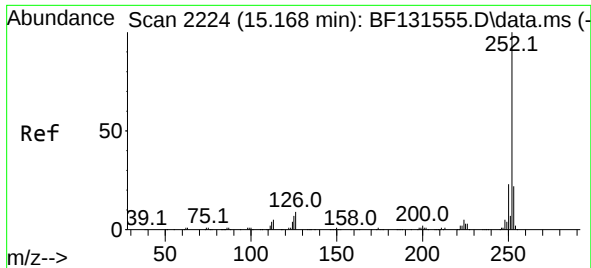


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57



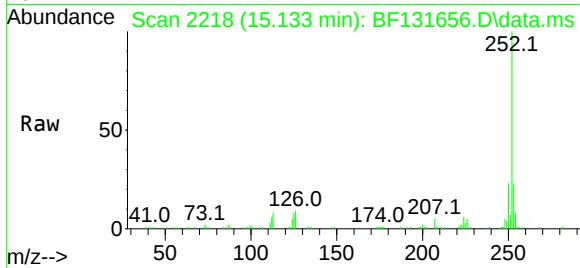
Tgt Ion:264 Resp: 151625
Ion Ratio Lower Upper
264 100
260 24.6 20.6 30.8
265 22.9 16.8 25.2





#88
Benzo(b)fluoranthene
Concen: 5.494 ng m
RT: 15.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

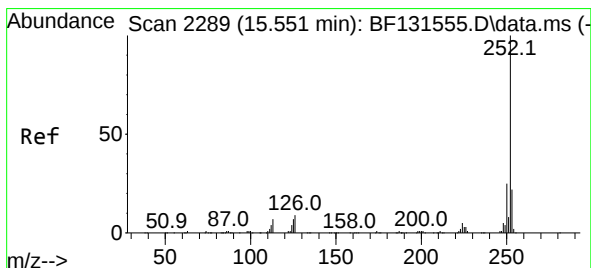
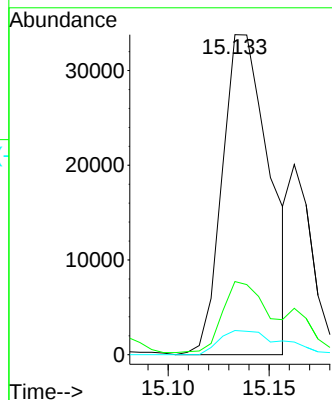
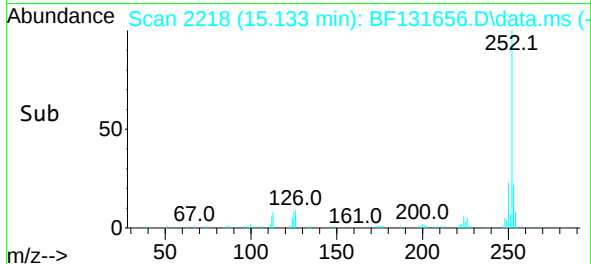
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)



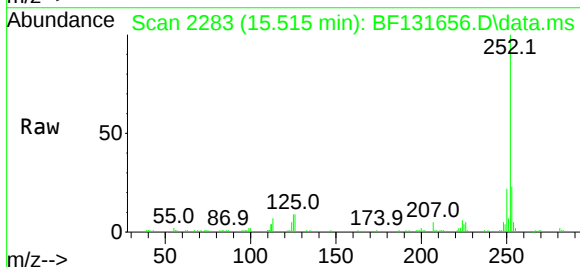
Tgt Ion:252 Resp: 54900
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 7.6 5.6 8.4

Manual Integrations
APPROVED

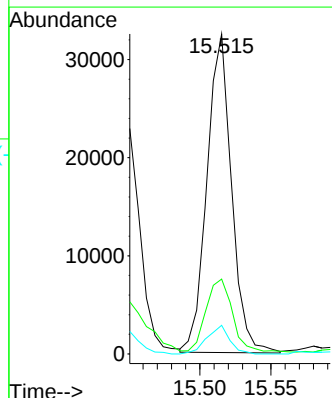
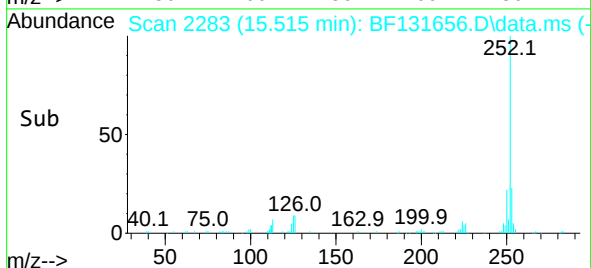
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

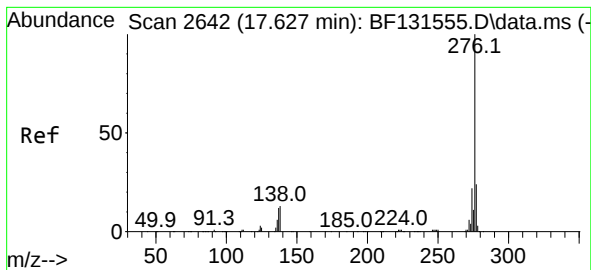


#90
Benzo(a)pyrene
Concen: 4.588 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57



Tgt Ion:252 Resp: 39131
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 8.9 5.6 8.4#





#92

Benzo(g,h,i)perylene

Concen: 2.965 ng

RT: 17.550 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF131656.D

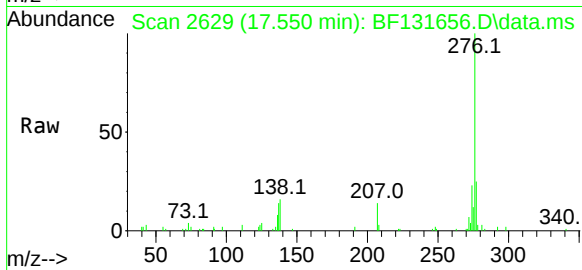
Acq: 15 Dec 2022 18:57

Instrument :

BNA_F

ClientSampleId :

RB-33-(2-4)



Tgt Ion:	276	Resp:	3035
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.0	28.6
138	15.6	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

