

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134533.D
 Acq On : 29 Jul 2023 01:15
 Operator : CG\JU
 Sample : 03770-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOWE-2-LP

Quant Time: Jul 29 01:45:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	95879	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	189753	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	80955	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	131832	20.000	ng	0.00
76) Chrysene-d12	14.021	240	92893	20.000	ng	0.00
86) Perylene-d12	15.527	264	77156	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	427668	73.696	ng	0.00
7) Phenol-d6	6.475	99	489234	68.809	ng	0.00
23) Nitrobenzene-d5	7.392	82	304611	81.219	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	69623	60.530	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	316268	51.287	ng	0.00
79) Terphenyl-d14	12.951	244	288096	54.140	ng	0.00
Target Compounds						
75) Fluoranthene	12.580	202	20465	2.549	ng	Qvalue 95
78) Pyrene	12.816	202	18260	2.472	ng	95
88) Benzo(b)fluoranthene	15.080	252	10163m	2.105	ng	

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

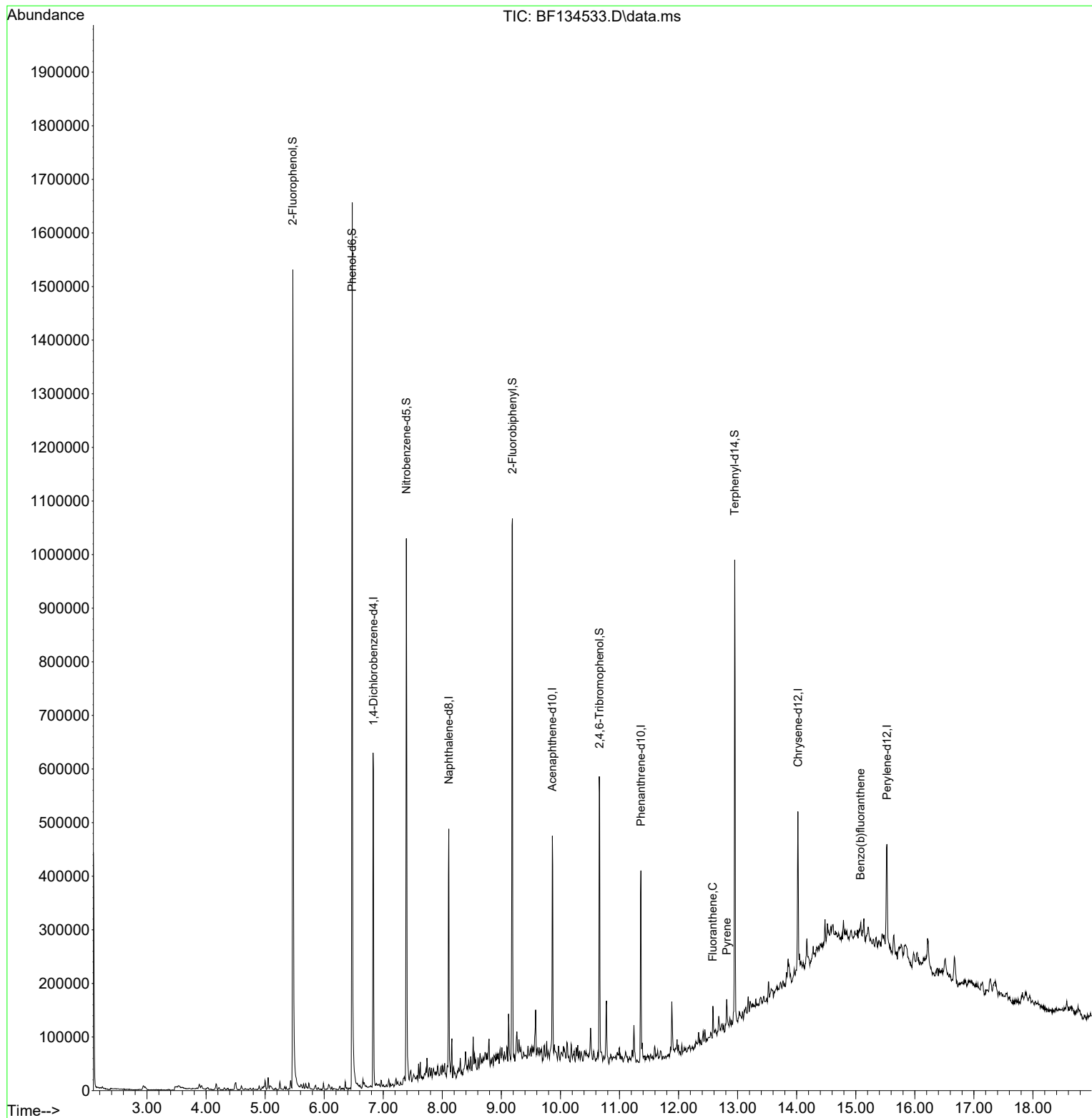
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134533.D
Acq On : 29 Jul 2023 01:15
Operator : CG\JU
Sample : 03770-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

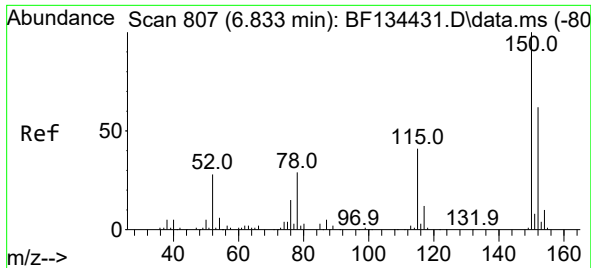
Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP

Quant Time: Jul 29 01:45:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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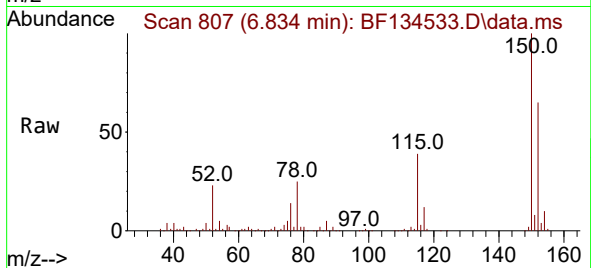
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Instrument :

BNA_F

ClientSampleId :

HOWE-2-LP

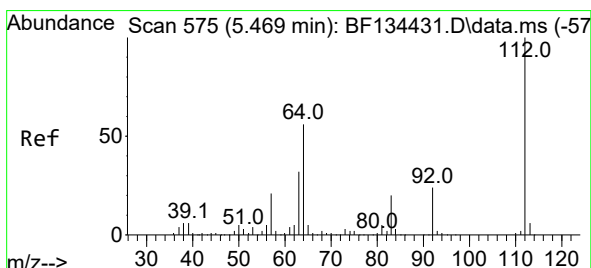
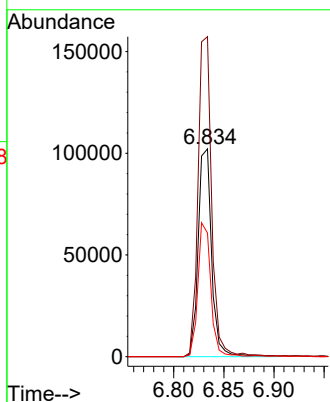
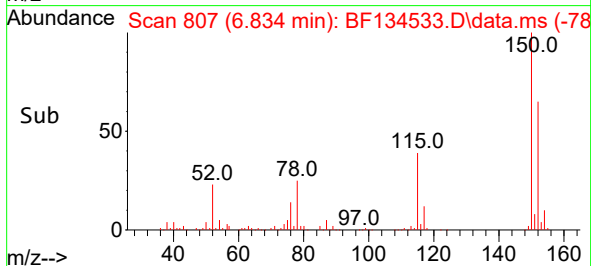


Tgt Ion:152 Resp: 95879
Ion Ratio Lower Upper
152 100
150 153.9 128.3 192.5
115 59.5 52.4 78.6

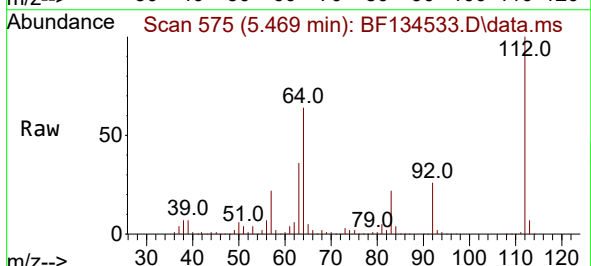
Manual Integrations

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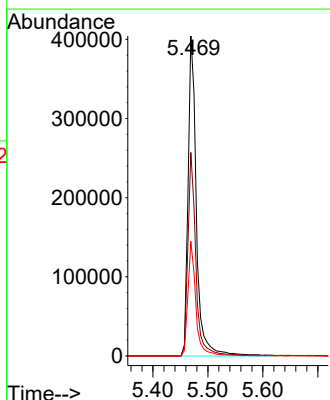
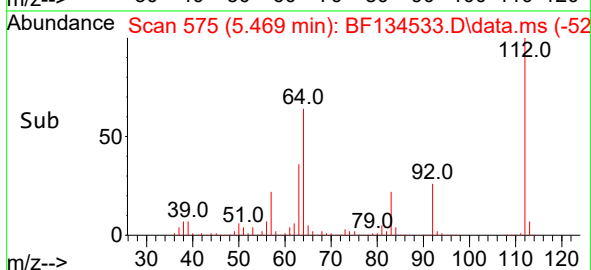
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

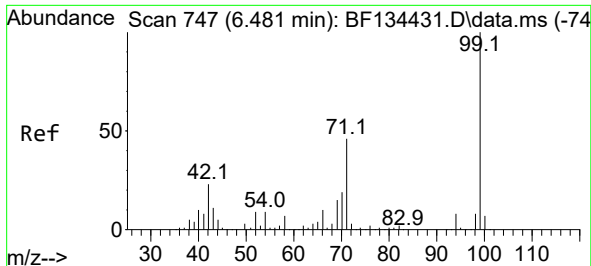


#5
2-Fluorophenol
Concen: 73.696 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15



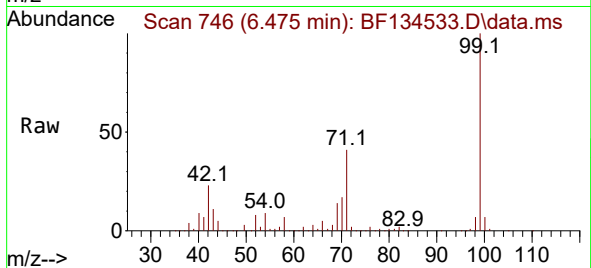
Tgt Ion:112 Resp: 427668
Ion Ratio Lower Upper
112 100
64 63.6 44.9 67.3
63 35.8 25.4 38.0





#7
Phenol-d6
Concen: 68.809 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

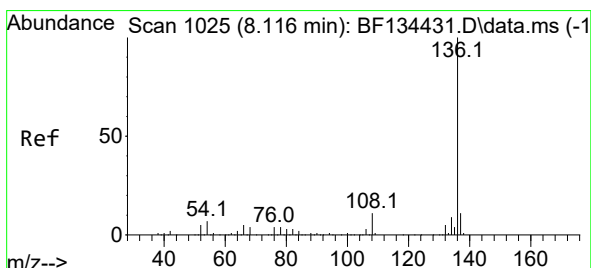
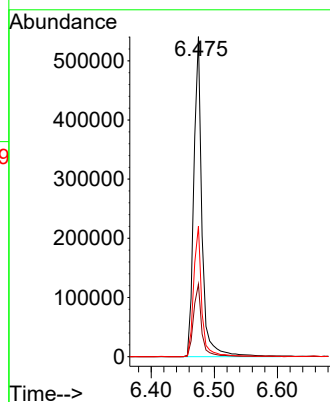
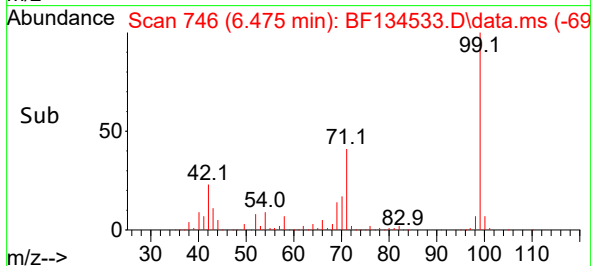
Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP



Tgt Ion: 99 Resp: 489234
Ion Ratio Lower Upper
99 100
42 22.7 18.7 28.1
71 40.8 36.4 54.6

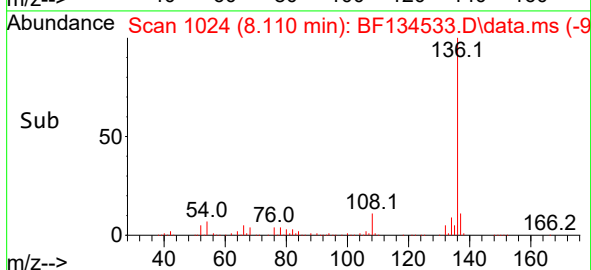
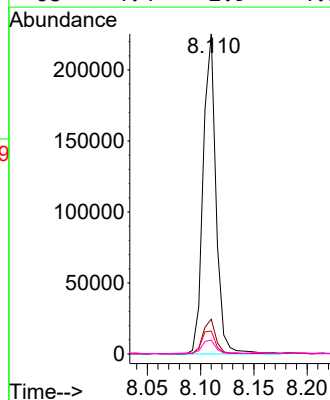
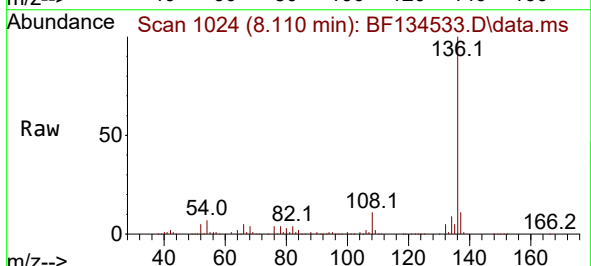
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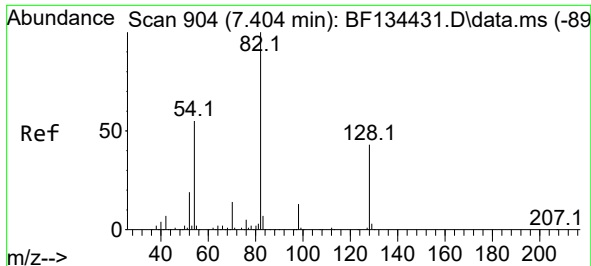
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Tgt Ion:136 Resp: 189753
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.2 5.2 7.8
68 4.4 2.9 4.3#





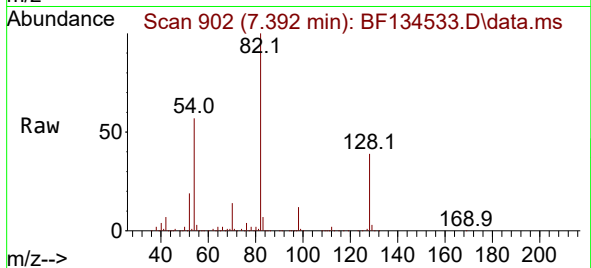
#23
Nitrobenzene-d5
Concen: 81.219 ng
RT: 7.392 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Instrument :

BNA_F

ClientSampleId :

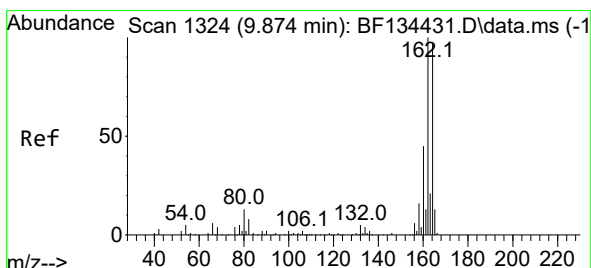
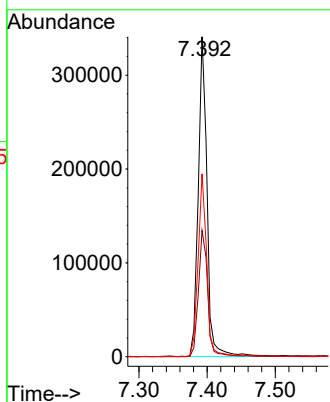
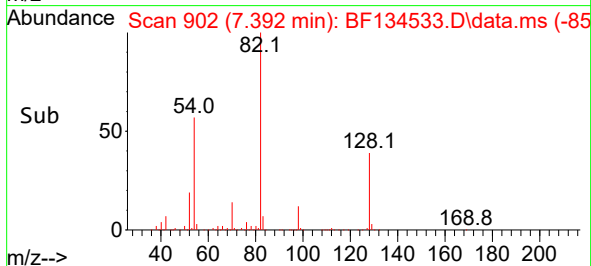
HOWE-2-LP



Tgt Ion: 82 Resp: 30461
Ion Ratio Lower Upper
82 100
128 39.5 34.3 51.5
54 57.2 43.8 65.6

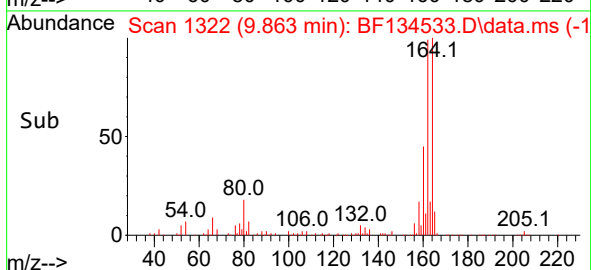
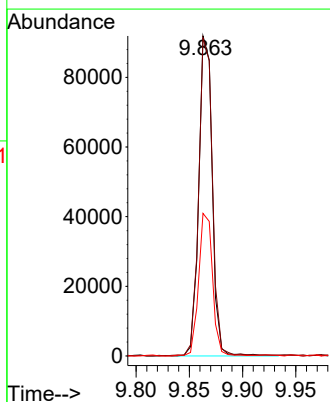
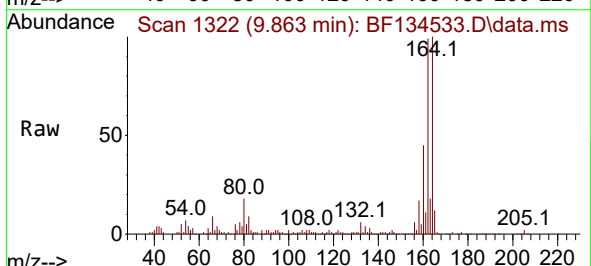
Manual Integrations
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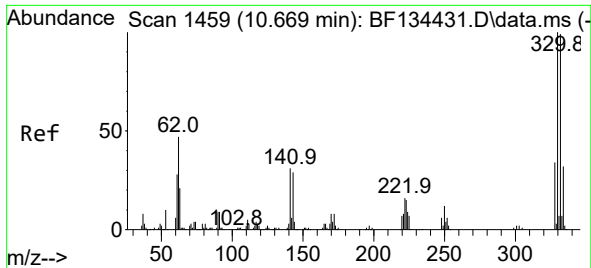
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Tgt Ion:164 Resp: 80955
Ion Ratio Lower Upper
164 100
162 99.4 82.6 123.8
160 44.6 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 60.530 ng
RT: 10.663 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Instrument :

BNA_F

ClientSampleId :

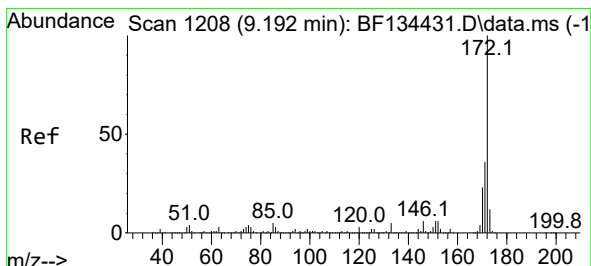
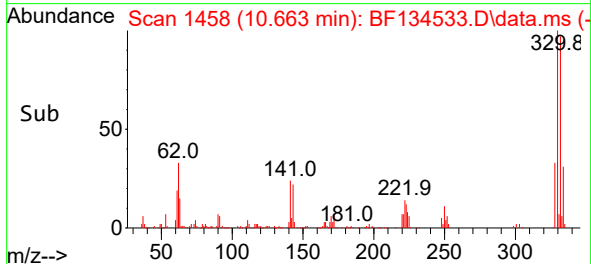
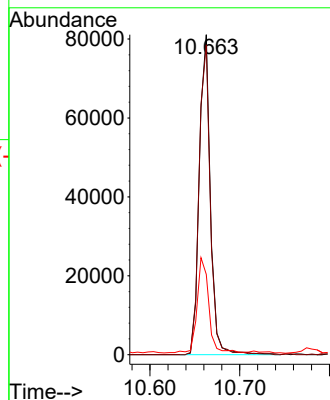
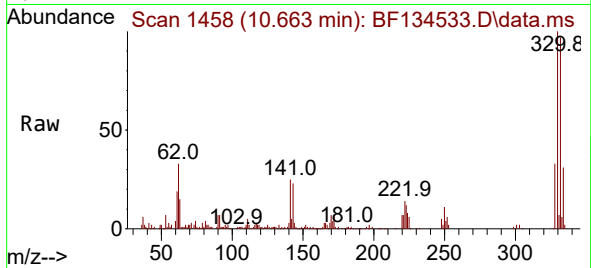
HOWE-2-LP

Tgt Ion:330 Resp: 6962
Ion Ratio Lower Upper
330 100
332 98.5 78.8 118.2
141 31.2 25.4 38.2

Manual Integrations

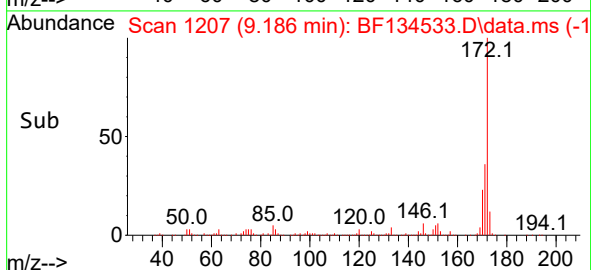
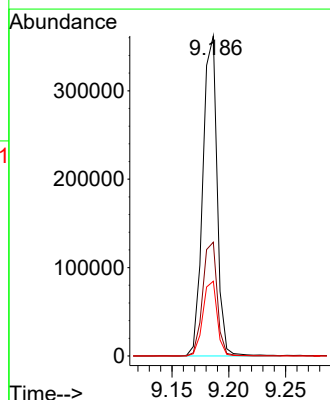
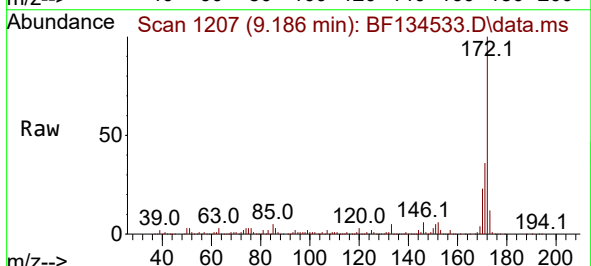
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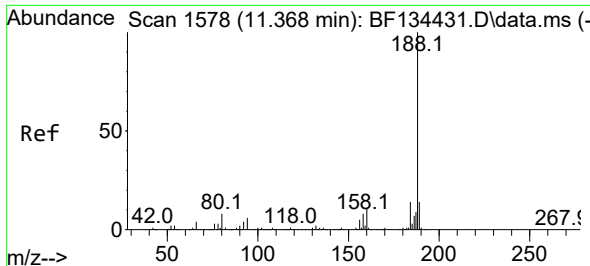
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#45
2-Fluorobiphenyl
Concen: 51.287 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

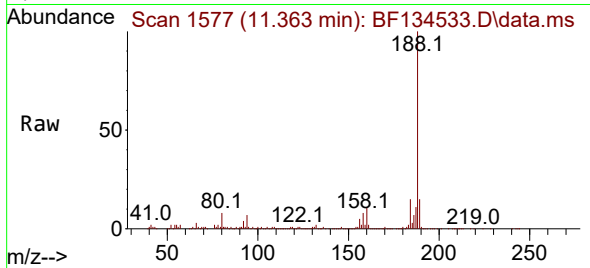
Tgt Ion:172 Resp: 316268
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.3 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

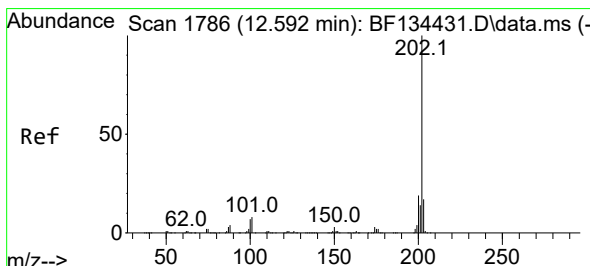
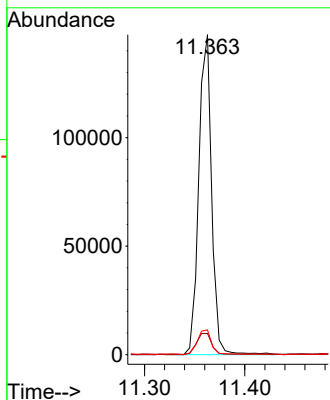
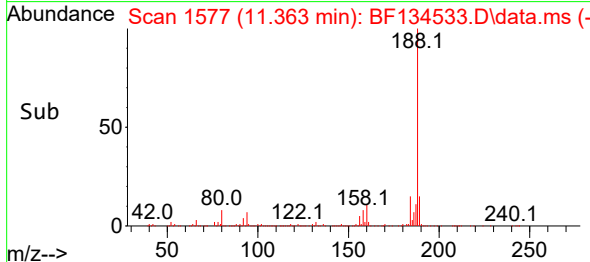
Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP



Tgt Ion:188 Resp: 13183
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 7.8 6.6 9.8

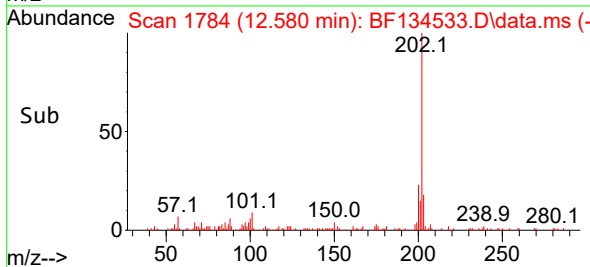
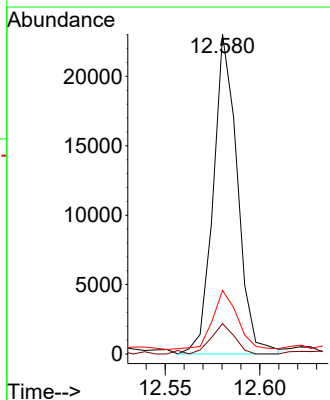
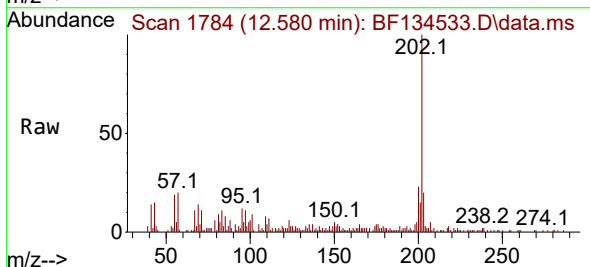
Manual Integrations
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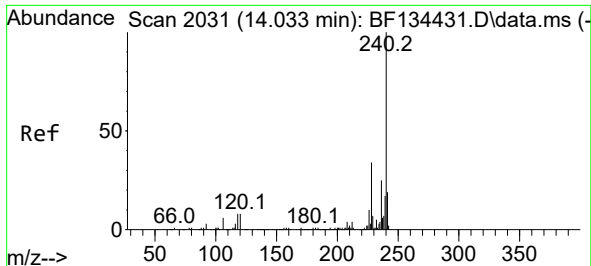
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#75
Fluoranthene
Concen: 2.549 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Tgt Ion:202 Resp: 20465
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.5
203 19.9 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Instrument :

BNA_F

ClientSampleId :

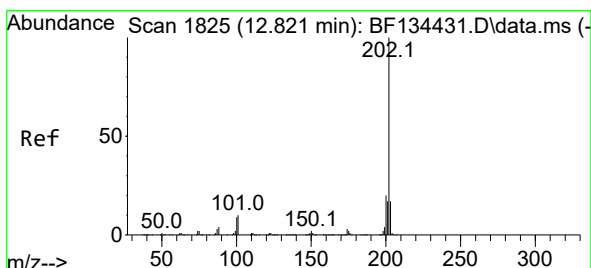
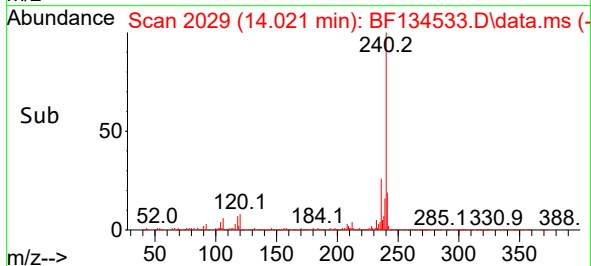
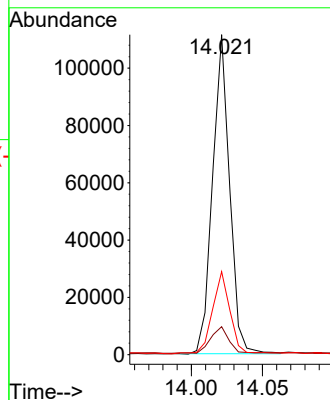
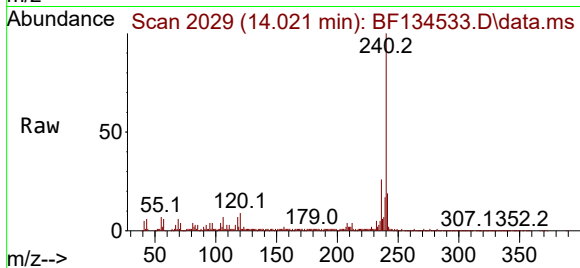
HOWE-2-LP

Tgt Ion:240 Resp: 9289
Ion Ratio Lower Upper
240 100
120 8.7 6.6 10.0
236 26.0 20.2 30.2

Manual Integrations

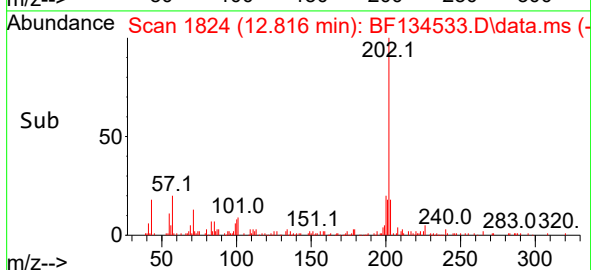
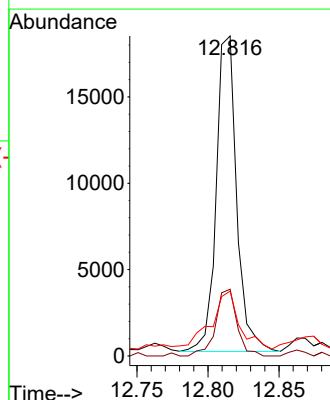
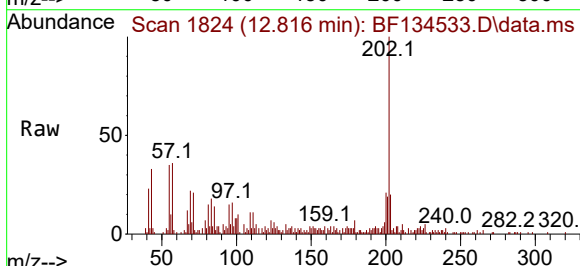
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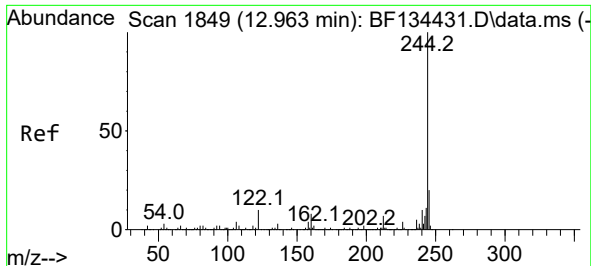
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#78
Pyrene
Concen: 2.472 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

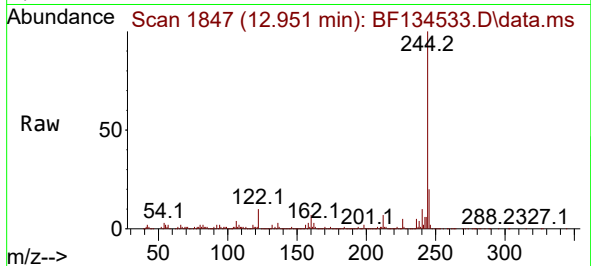
Tgt Ion:202 Resp: 18260
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.8
203 20.2 13.5 20.3





#79
Terphenyl-d14
Concen: 54.140 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

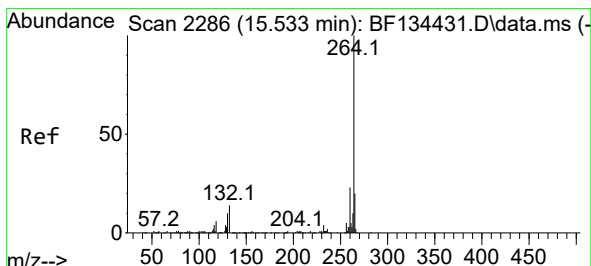
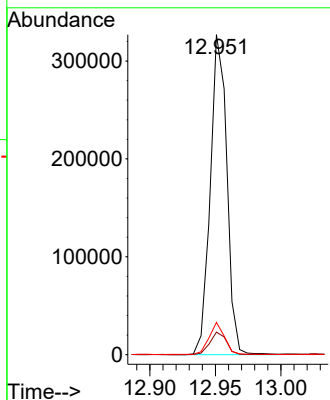
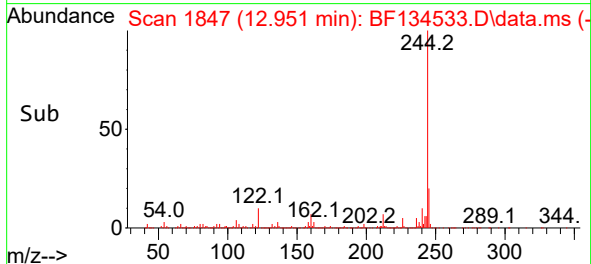
Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP



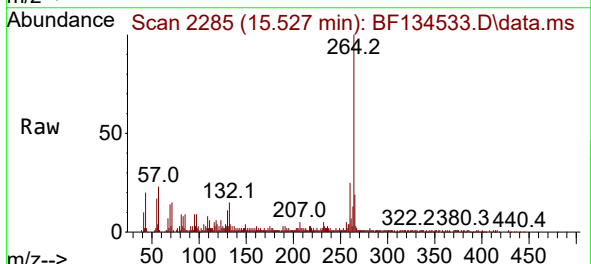
Tgt Ion:244 Resp: 288090
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.1 8.0 12.0

Manual Integrations
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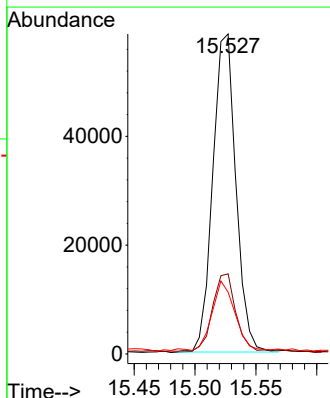
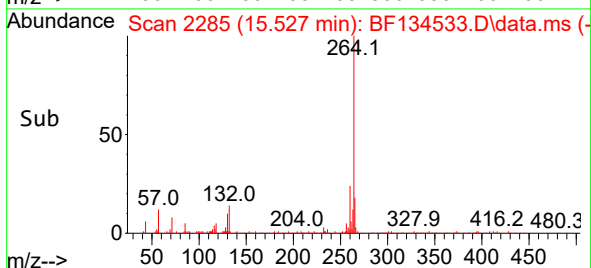
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

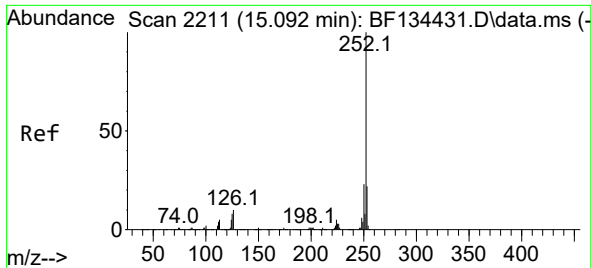


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15



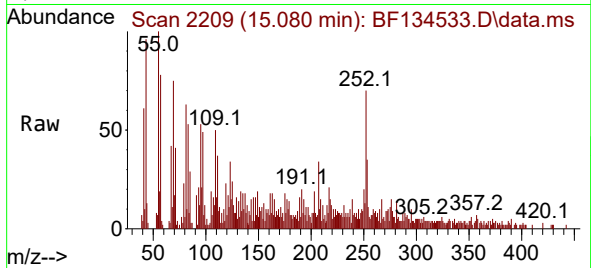
Tgt Ion:264 Resp: 77156
Ion Ratio Lower Upper
264 100
260 25.0 18.4 27.6
265 19.3 15.8 23.8





#88
Benzo(b)fluoranthene
Concen: 2.105 ng m
RT: 15.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP



Tgt Ion:252 Resp: 1016
Ion Ratio Lower Upper
252 100
253 50.0 17.3 25.9
125 34.6 6.0 9.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2023
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