

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137582.D
 Acq On : 13 Mar 2024 17:57
 Operator : CG\JU
 Sample : P1725-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 13 18:31:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	202788m	20.000	ng	0.07
21) Naphthalene-d8	8.234	136	801070	20.000	ng	0.06
39) Acenaphthene-d10	9.992	164	451016	20.000	ng	0.06
64) Phenanthrene-d10	11.486	188	702186	20.000	ng	0.05
76) Chrysene-d12	14.157	240	436098	20.000	ng	0.06
86) Perylene-d12	15.751	264	447251	20.000	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1525423	113.927	ng	0.10
7) Phenol-d6	6.622	99	1941746	100.467	ng	0.06
23) Nitrobenzene-d5	7.528	82	1421393	82.444	ng	0.06
42) 2,4,6-Tribromophenol	10.792	330	529157	133.602	ng	0.06
45) 2-Fluorobiphenyl	9.316	172	2226845	77.288	ng	0.06
79) Terphenyl-d14	13.098	244	2306746	72.736	ng	0.06

Target Compounds	Qvalue

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

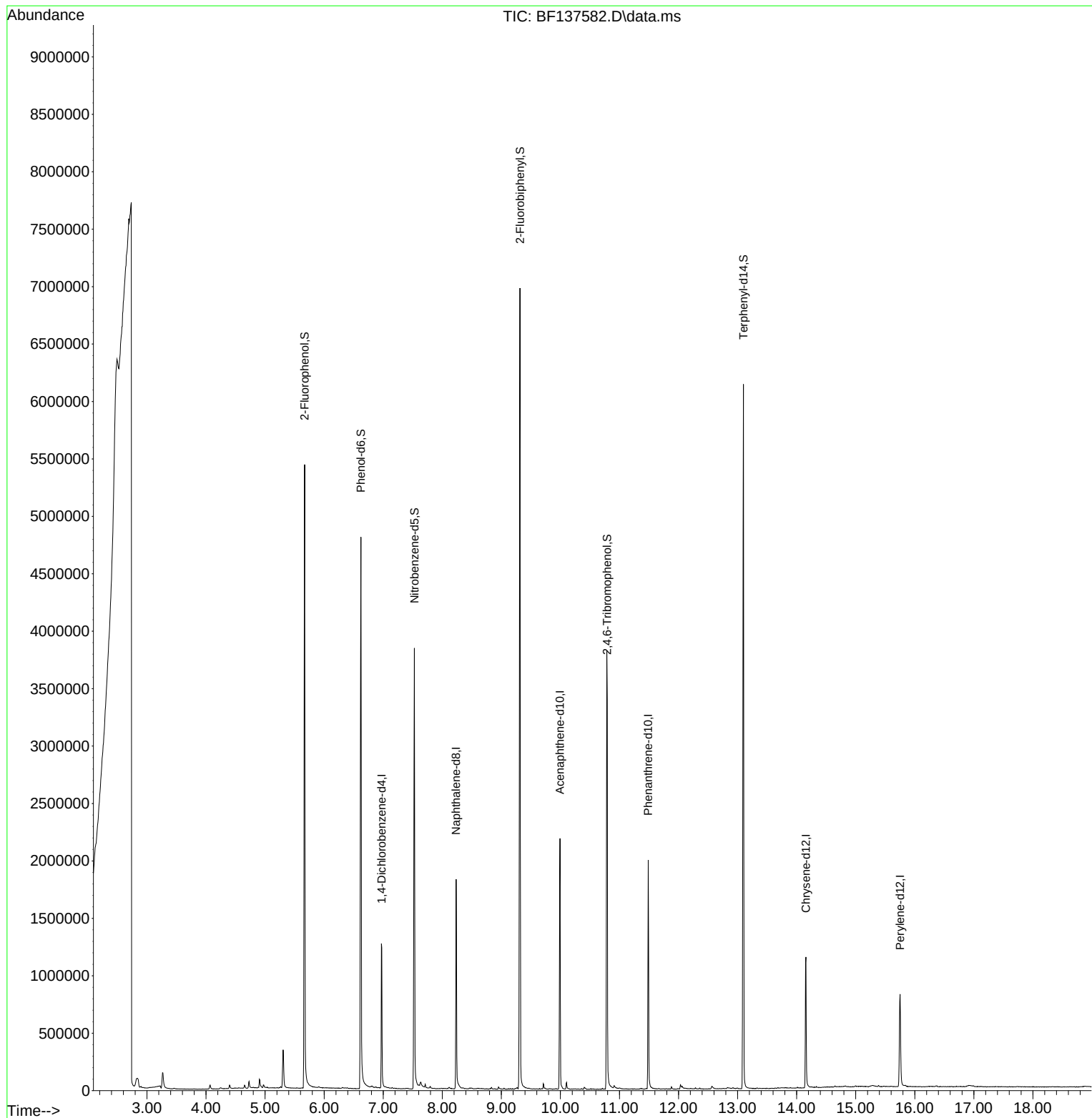
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
Data File : BF137582.D
Acq On : 13 Mar 2024 17:57
Operator : CG\JU
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ALS Vial : 18 Sample Multiplier: 1

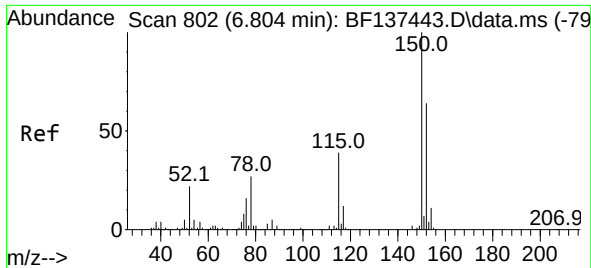
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Quant Time: Mar 13 18:31:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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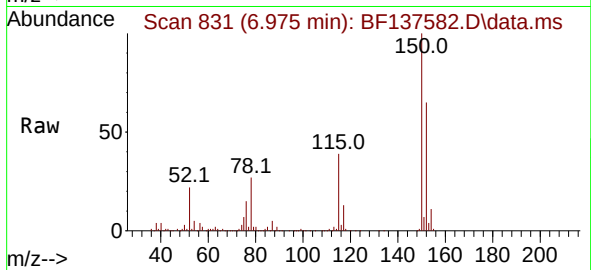
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng m
RT: 6.975 min Scan# 802
Delta R.T. 0.071 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

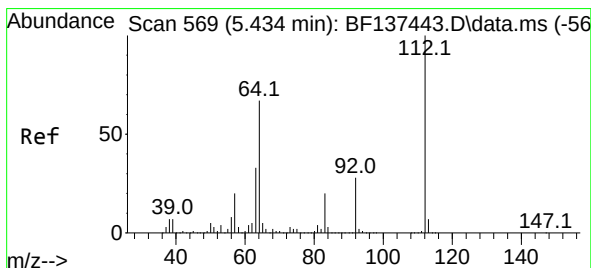
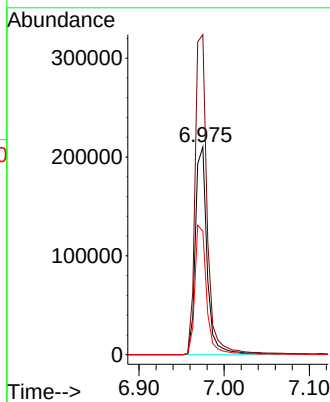
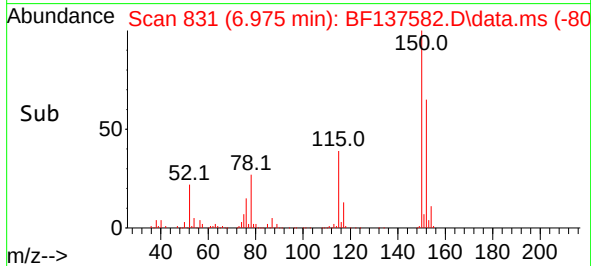
Instrument :
BNA_F
ClientSampleId :
RT-3860



Tgt Ion:152 Resp: 202788
Ion Ratio Lower Upper
152 100
150 154.0 125.8 188.6
115 59.4 48.8 73.2

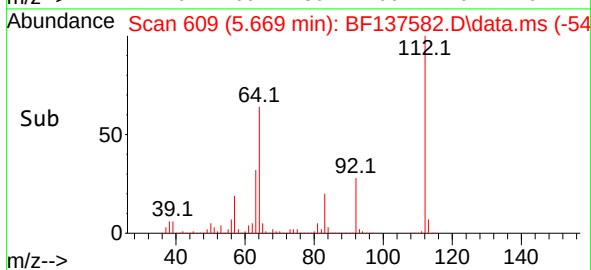
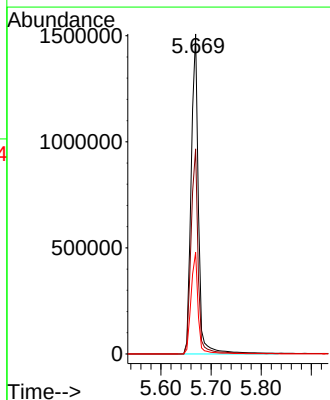
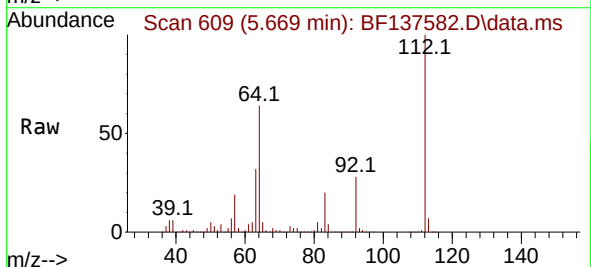
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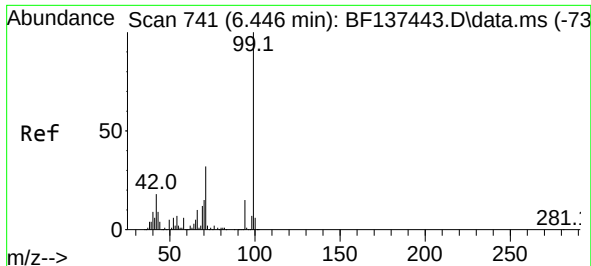
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#5
2-Fluorophenol
Concen: 113.927 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.100 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

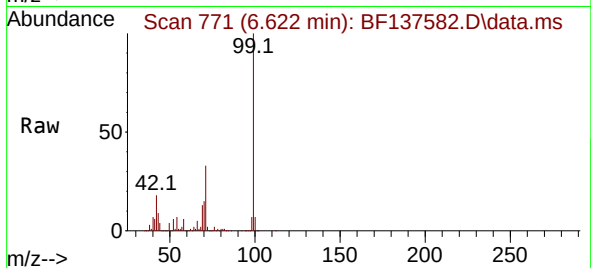
Tgt Ion:112 Resp: 1525423
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 31.7 26.2 39.2





#7
Phenol-d6
Concen: 100.467 ng
RT: 6.622 min Scan# 71
Delta R.T. 0.065 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

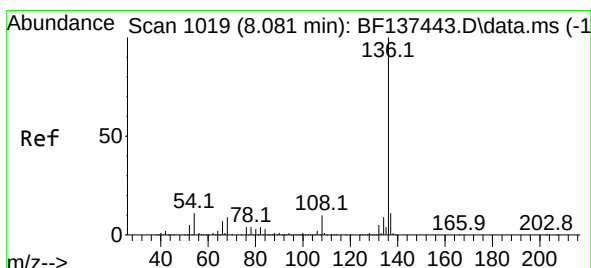
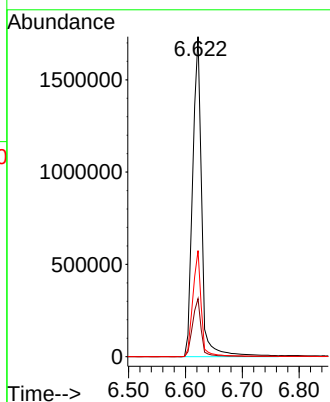
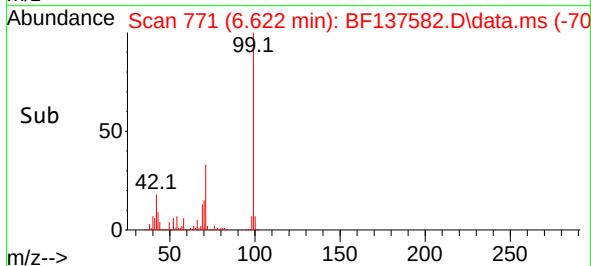
Instrument :
BNA_F
ClientSampleId :
RT-3860



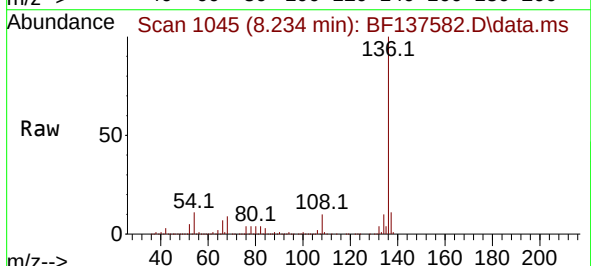
Tgt Ion: 99 Resp: 1941740
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 33.1 25.3 37.9

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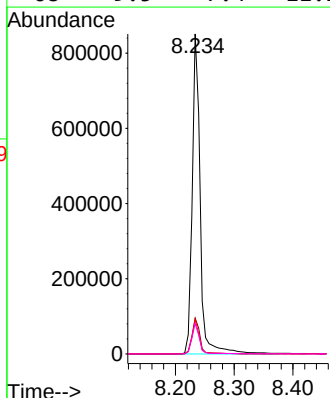
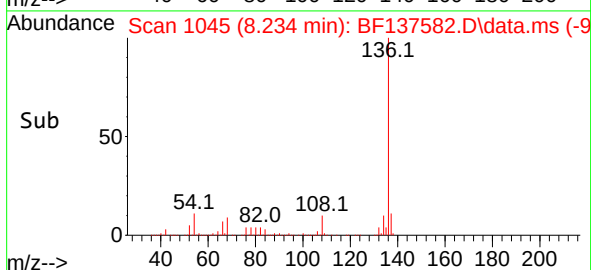
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

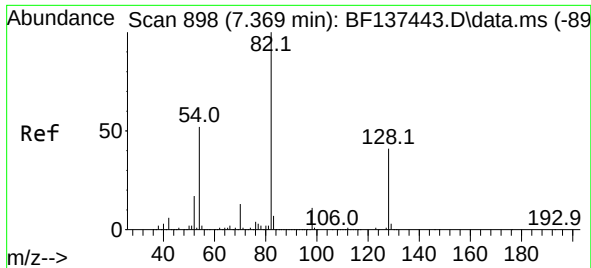


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.059 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57



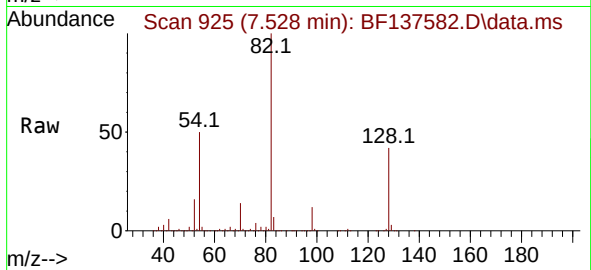
Tgt Ion:136 Resp: 801070
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.7 8.5 12.7
68 9.5 7.4 11.2





#23
Nitrobenzene-d5
Concen: 82.444 ng
RT: 7.528 min Scan# 91
Delta R.T. 0.059 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

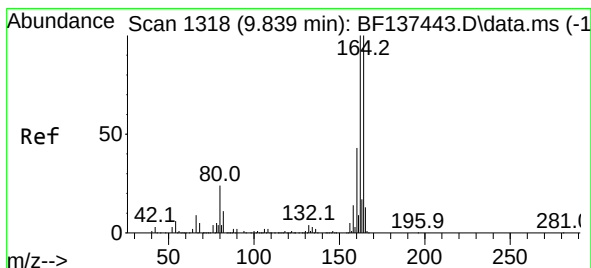
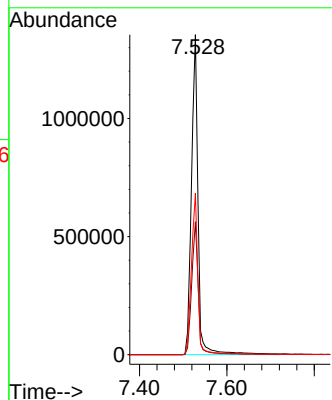
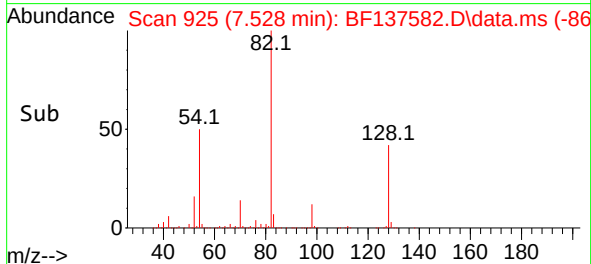
Instrument :
BNA_F
ClientSampleId :
RT-3860



Tgt Ion: 82 Resp: 142139
Ion Ratio Lower Upper
82 100
128 41.6 32.5 48.7
54 50.5 41.5 62.3

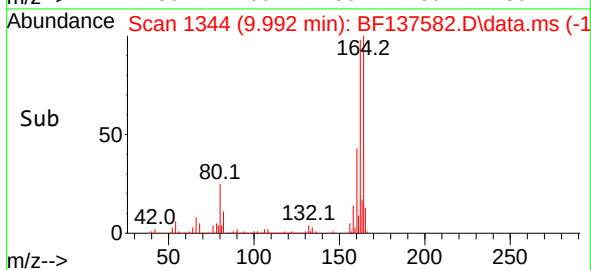
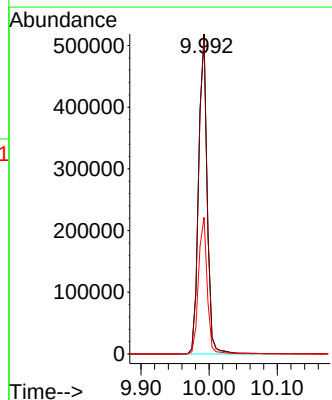
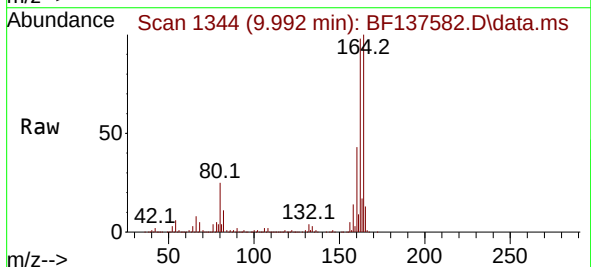
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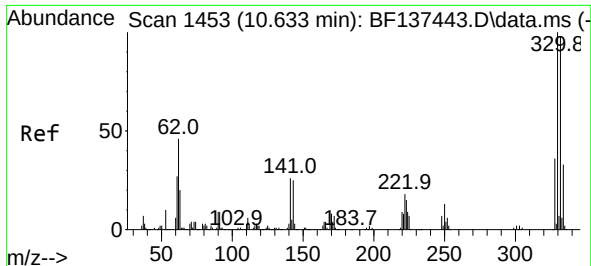
Reviewed By :Jagrut Upadhyay 03/14/2024
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.059 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

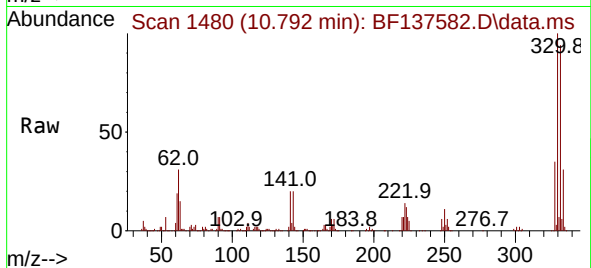
Tgt Ion:164 Resp: 451016
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.8
160 42.7 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 133.602 ng
RT: 10.792 min Scan# 1453
Delta R.T. 0.059 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

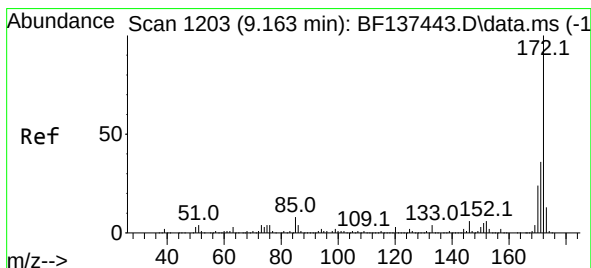
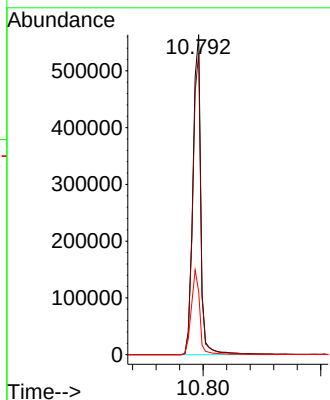
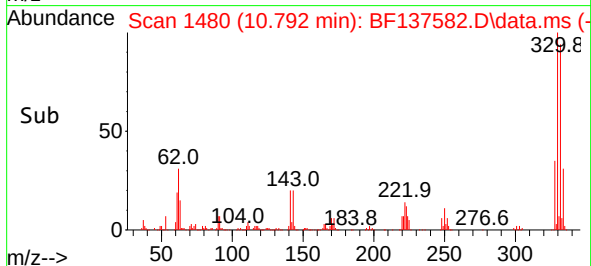
Instrument :
BNA_F
ClientSampleId :
RT-3860



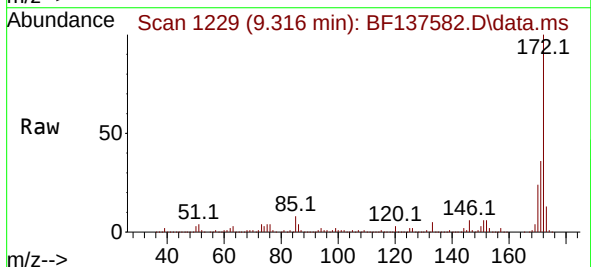
Tgt Ion:330 Resp: 52915
Ion Ratio Lower Upper
330 100
332 95.0 78.0 117.0
141 28.5 27.3 40.9

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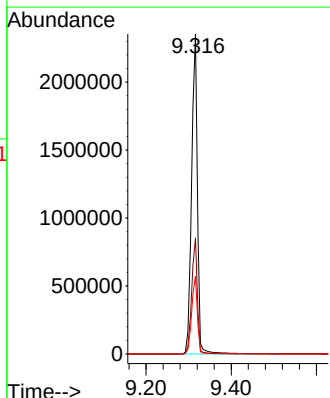
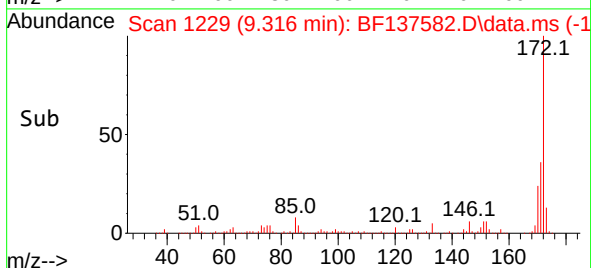
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

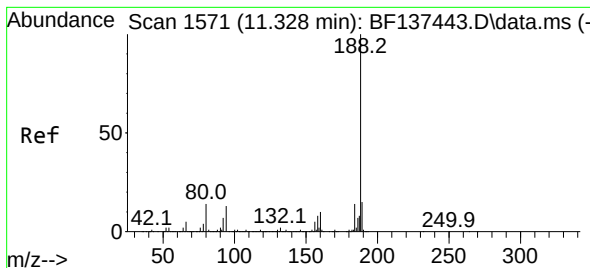


#45
2-Fluorobiphenyl
Concen: 77.288 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.059 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57



Tgt Ion:172 Resp: 2226845
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 11

Delta R.T. 0.053 min

Lab File: BF137582.D

Acq: 13 Mar 2024 17:57

Instrument :

BNA_F

ClientSampleId :

RT-3860

Tgt Ion:188 Resp: 702180

Ion Ratio Lower Upper

188 100

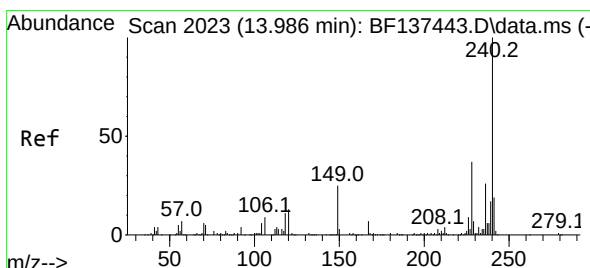
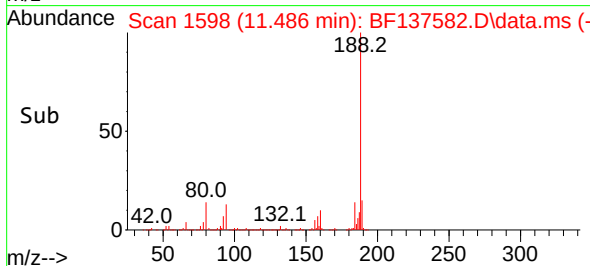
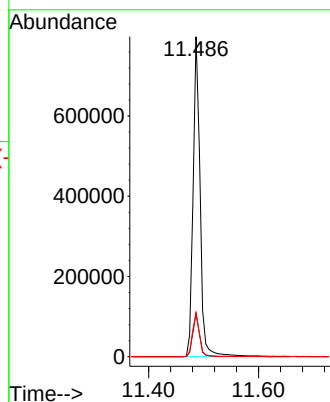
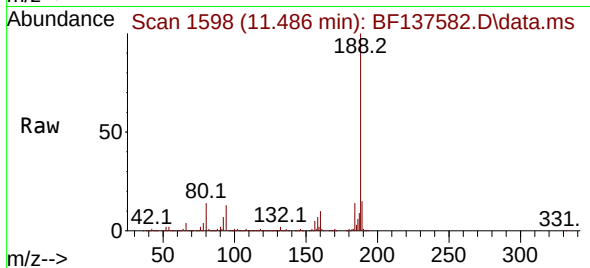
94 13.4 10.6 15.8

80 13.7 11.5 17.3

Manual Integrations

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Supervised By :mohammad ahmed 03/15/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. 0.059 min

Lab File: BF137582.D

Acq: 13 Mar 2024 17:57

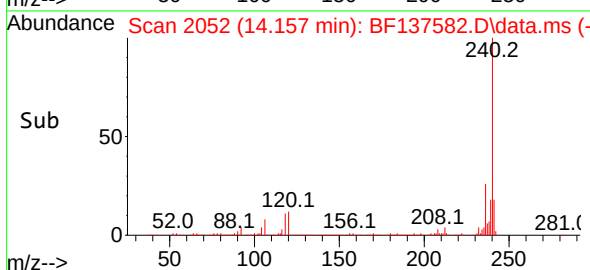
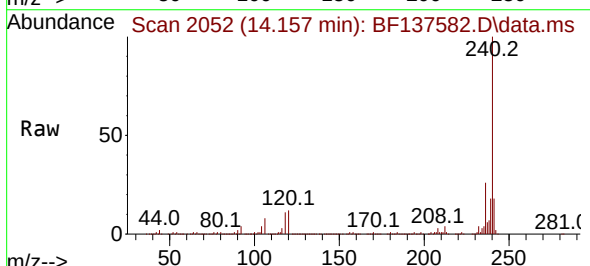
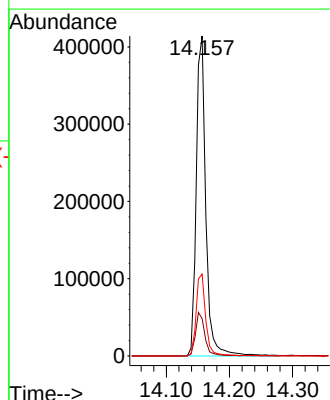
Tgt Ion:240 Resp: 436098

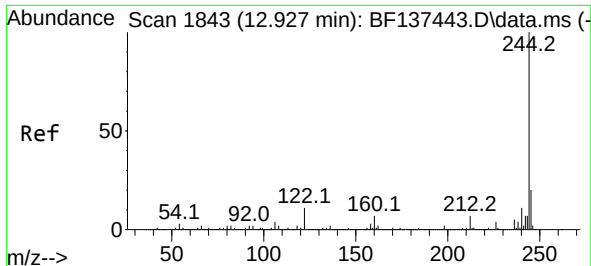
Ion Ratio Lower Upper

240 100

120 11.7 10.4 15.6

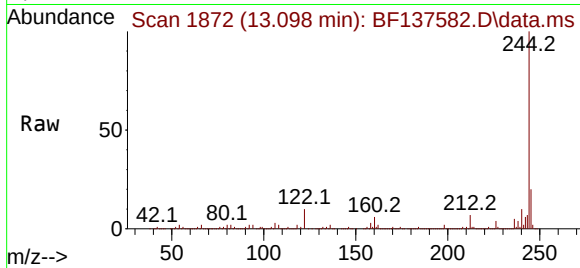
236 25.6 20.9 31.3





#79
Terphenyl-d14
Concen: 72.736 ng
RT: 13.098 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57

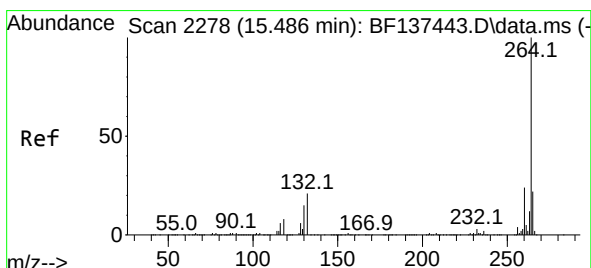
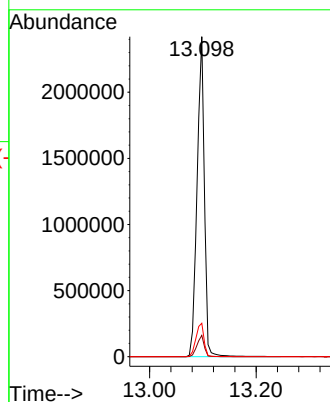
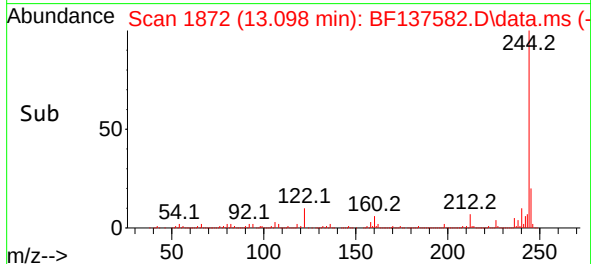
Instrument :
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RT-3860



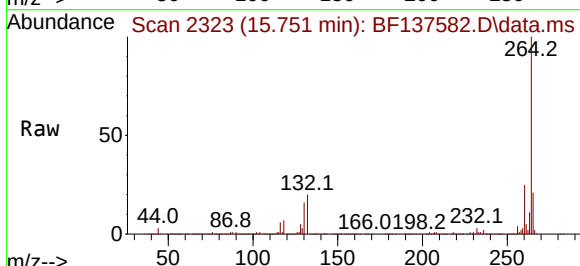
Tgt Ion:244 Resp: 2306740
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.5 9.1 13.7

Manual Integrations
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Supervised By :mohammad ahmed 03/15/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.751 min Scan# 2323
Delta R.T. 0.100 min
Lab File: BF137582.D
Acq: 13 Mar 2024 17:57



Tgt Ion:264 Resp: 447251
Ion Ratio Lower Upper
264 100
260 25.3 19.3 28.9
265 21.4 17.4 26.0

