

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137585.D
 Acq On : 13 Mar 2024 19:37
 Operator : CG\JU
 Sample : P1733-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

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

Quant Time: Mar 14 04:02:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 04:02:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	203222m	20.000	ng	0.14
21) Naphthalene-d8	8.298	136	821504	20.000	ng	0.12
39) Acenaphthene-d10	10.057	164	458734	20.000	ng	0.12
64) Phenanthrene-d10	11.551	188	747964	20.000	ng	0.12
76) Chrysene-d12	14.221	240	453693	20.000	ng	0.12
86) Perylene-d12	15.868	264	401580	20.000	ng	0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.763	112	1575858	117.443	ng	0.19
7) Phenol-d6	6.698	99	2031580	104.890	ng	0.15
23) Nitrobenzene-d5	7.598	82	1478269	83.611	ng	0.13
42) 2,4,6-Tribromophenol	10.857	330	548667	136.197	ng	0.12
45) 2-Fluorobiphenyl	9.381	172	2339903	79.846	ng	0.12
79) Terphenyl-d14	13.163	244	2479768	75.160	ng	0.13
Target Compounds						Qvalue
32) Benzoic acid	8.069	122	109667	18.855	ng	97

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

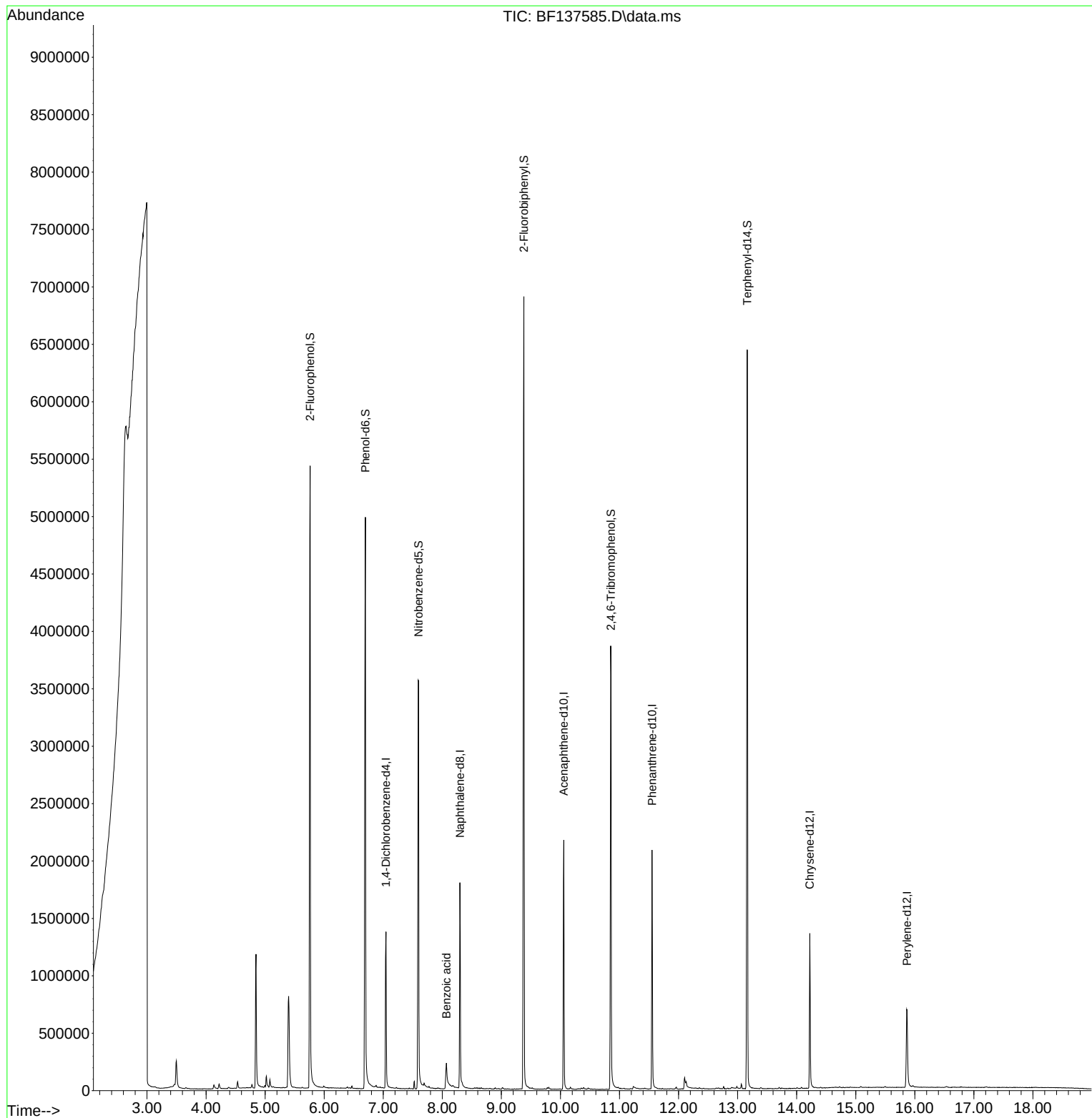
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
Data File : BF137585.D
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ALS Vial : 21 Sample Multiplier: 1

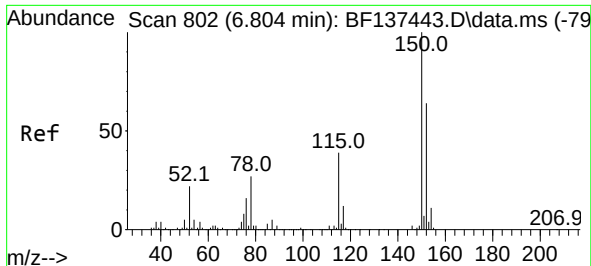
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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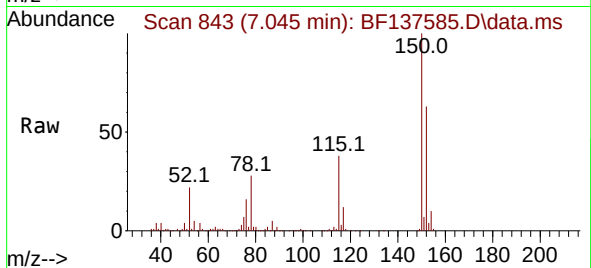
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng m
RT: 7.045 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

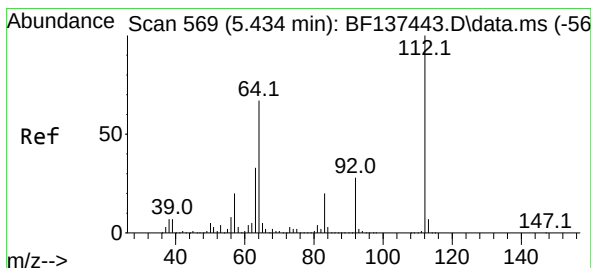
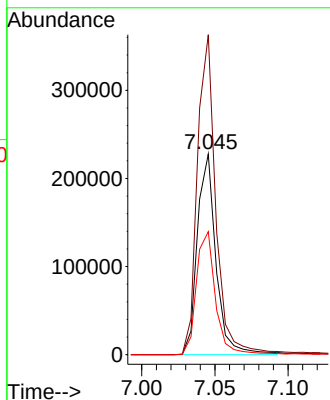
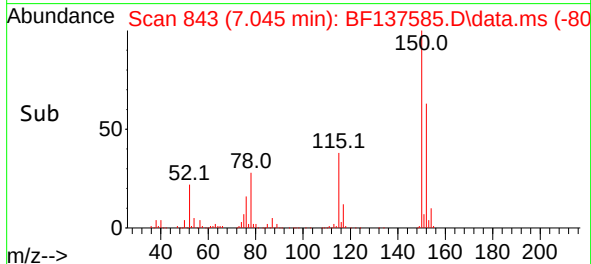
Instrument :
BNA_F
ClientSampleId :
WC-1



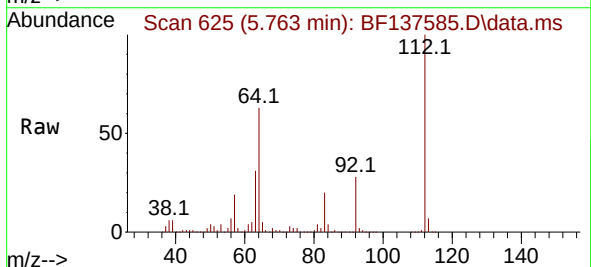
Tgt Ion:152 Resp: 20322
Ion Ratio Lower Upper
152 100
150 159.4 125.8 188.6
115 61.3 48.8 73.2

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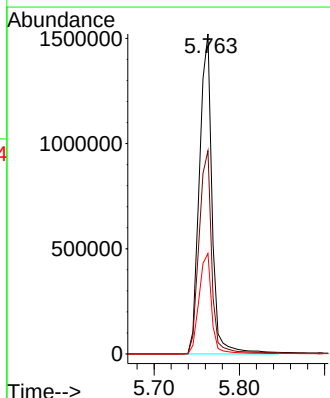
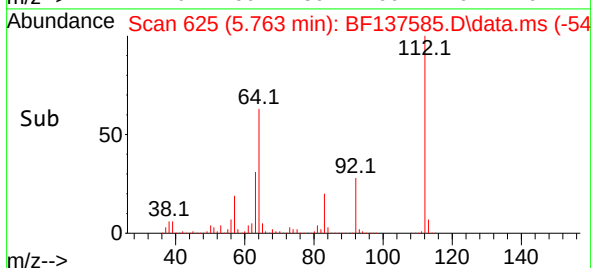
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

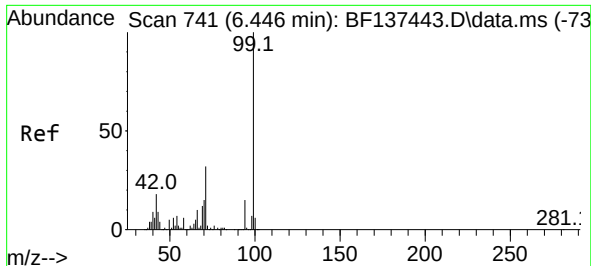


#5
2-Fluorophenol
Concen: 117.443 ng
RT: 5.763 min Scan# 625
Delta R.T. 0.194 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37



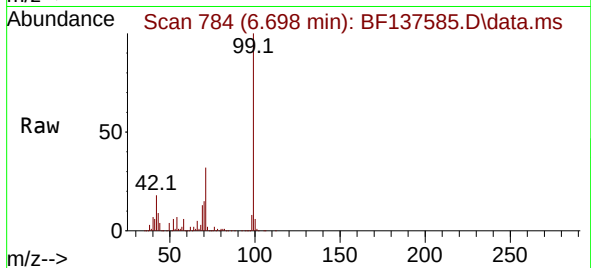
Tgt Ion:112 Resp: 1575858
Ion Ratio Lower Upper
112 100
64 63.5 53.4 80.2
63 31.4 26.2 39.2





#7
Phenol-d6
Concen: 104.890 ng
RT: 6.698 min Scan# 71
Delta R.T. 0.147 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

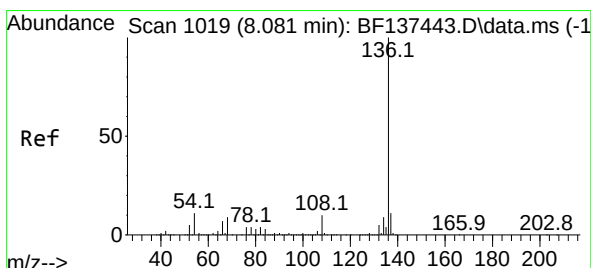
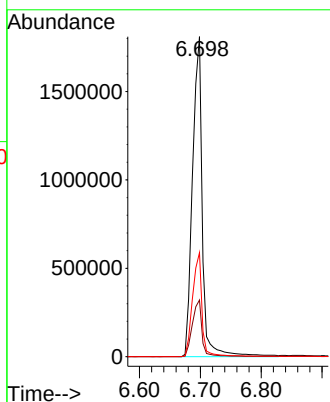
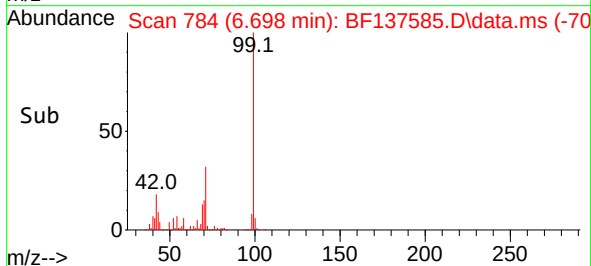
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 99 Resp: 2031580
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 32.5 25.3 37.9

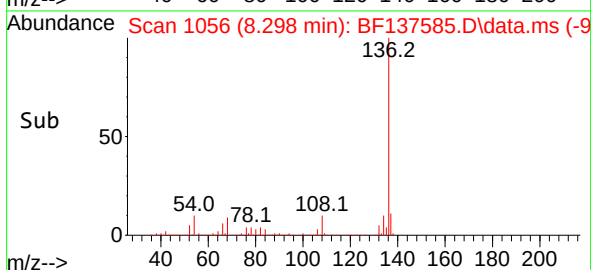
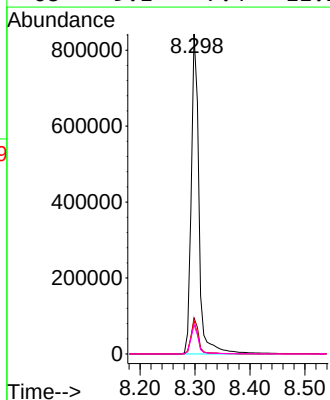
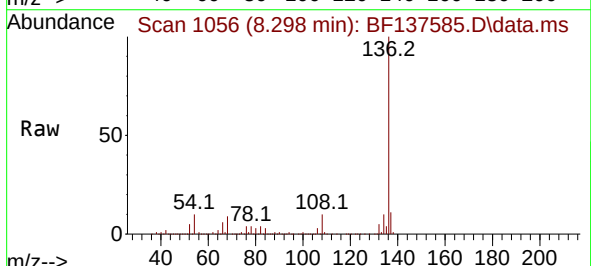
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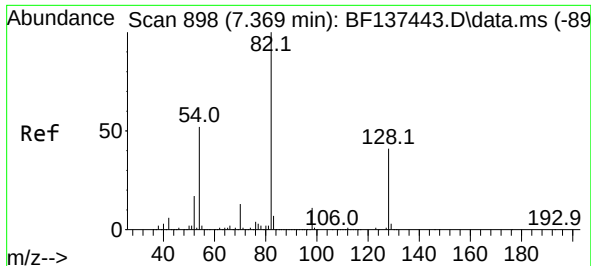
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.124 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

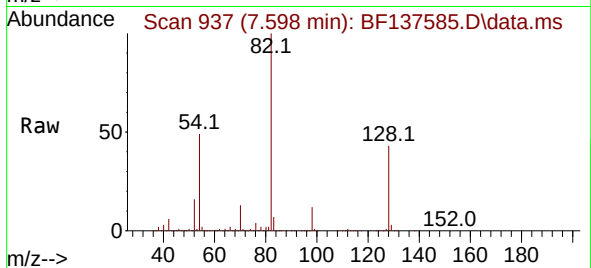
Tgt Ion:136 Resp: 821504
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.3 8.5 12.7
68 9.1 7.4 11.2





#23
Nitrobenzene-d5
Concen: 83.611 ng
RT: 7.598 min Scan# 91
Delta R.T. 0.129 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

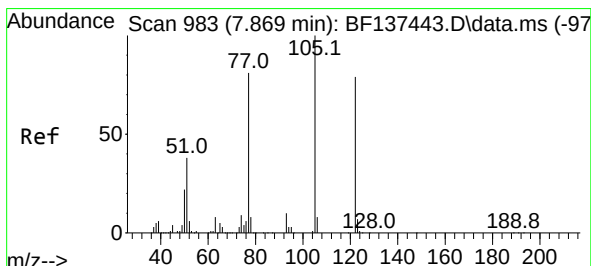
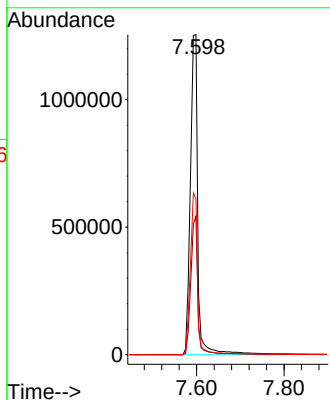
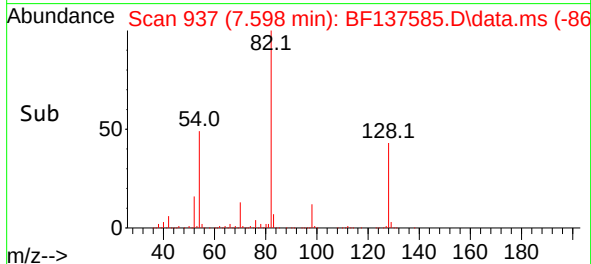
Instrument :
BNA_F
ClientSampleId :
WC-1



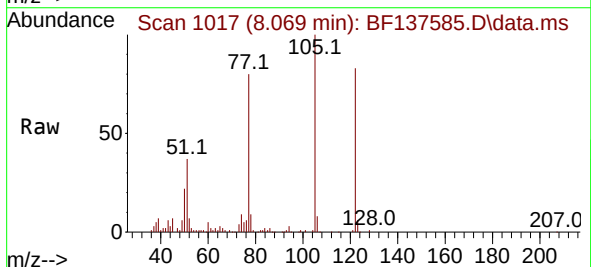
Tgt Ion: 82 Resp: 1478269
Ion Ratio Lower Upper
82 100
128 43.2 32.5 48.7
54 48.7 41.5 62.3

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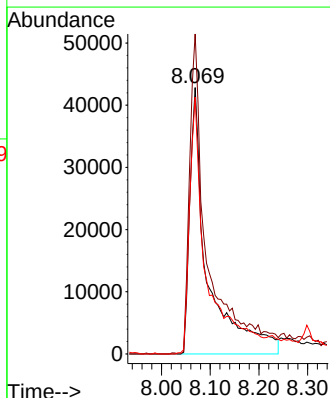
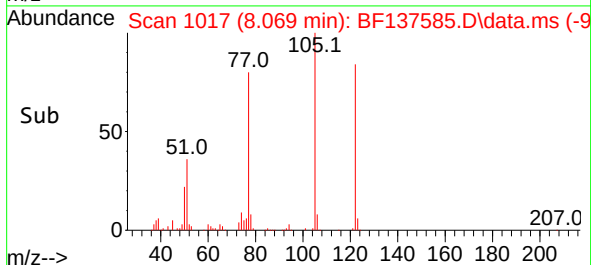
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

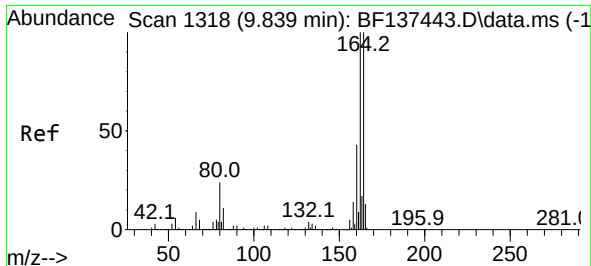


#32
Benzoic acid
Concen: 18.855 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.100 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37



Tgt Ion:122 Resp: 109667
Ion Ratio Lower Upper
122 100
105 120.1 102.4 142.4
77 96.4 81.1 121.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.057 min Scan# 11

Delta R.T. 0.124 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:164 Resp: 458734

Ion Ratio Lower Upper

164 100

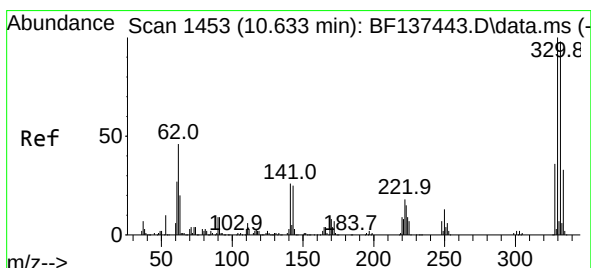
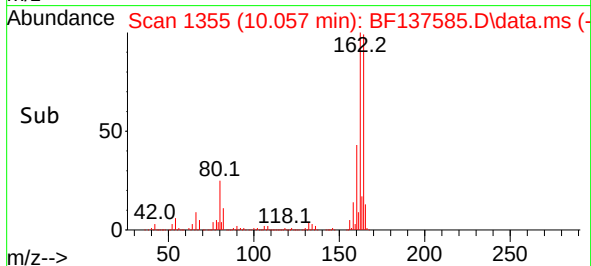
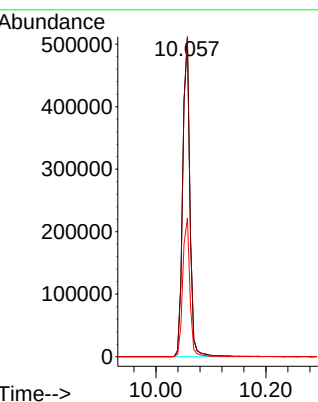
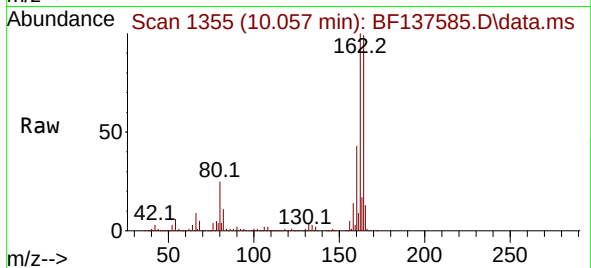
162 100.7 79.8 119.8

160 43.6 34.4 51.6

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#42

2,4,6-Tribromophenol

Concen: 136.197 ng

RT: 10.857 min Scan# 1491

Delta R.T. 0.124 min

Lab File: BF137585.D

Acq: 13 Mar 2024 19:37

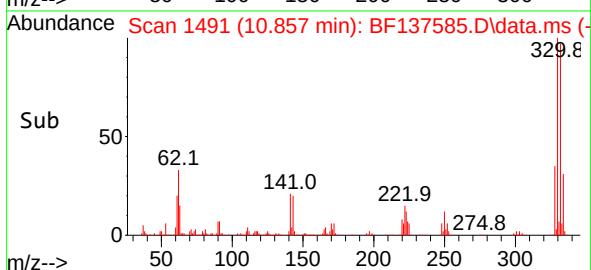
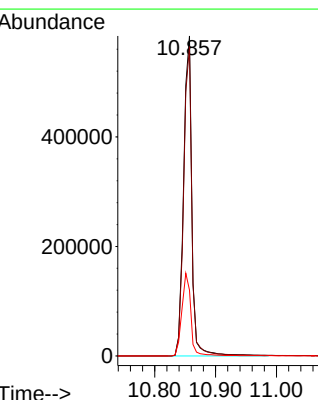
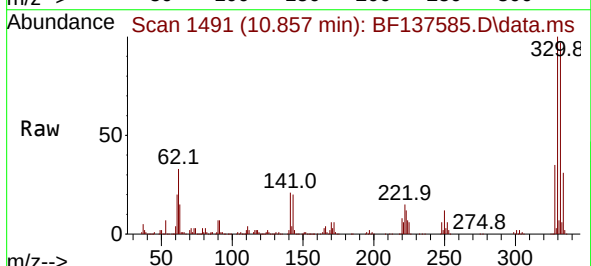
Tgt Ion:330 Resp: 548667

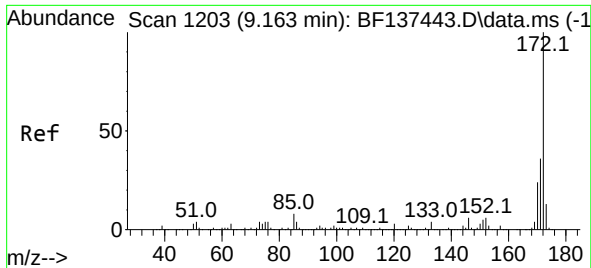
Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

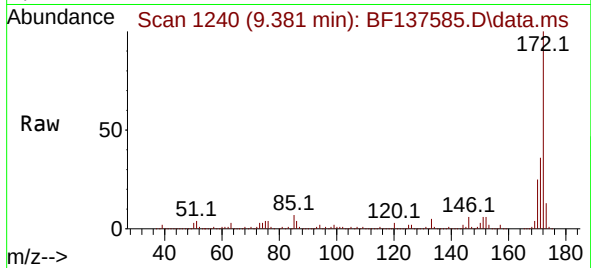
141 28.3 27.3 40.9





#45
2-Fluorobiphenyl
Concen: 79.846 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.124 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

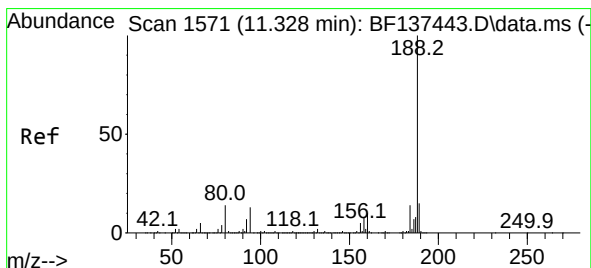
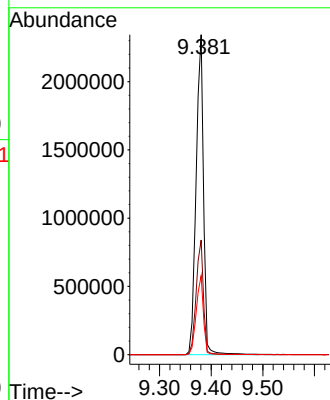
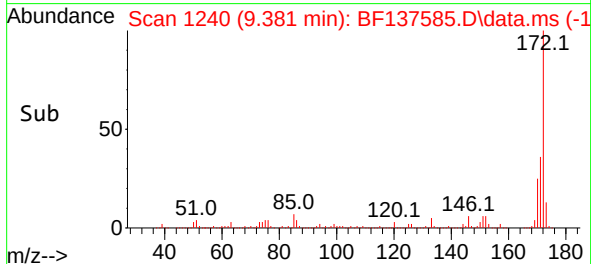
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:172 Resp: 233990
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.7 19.0 28.6

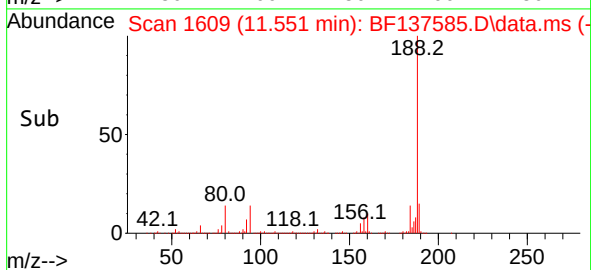
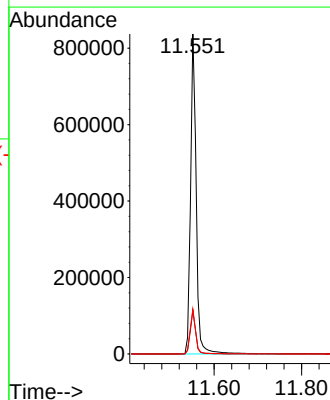
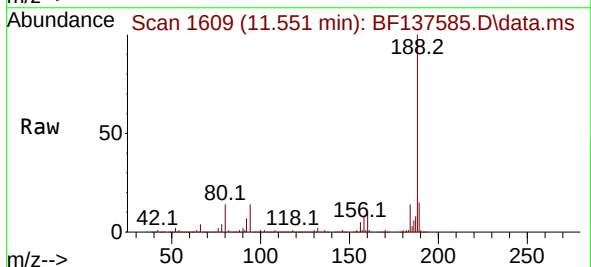
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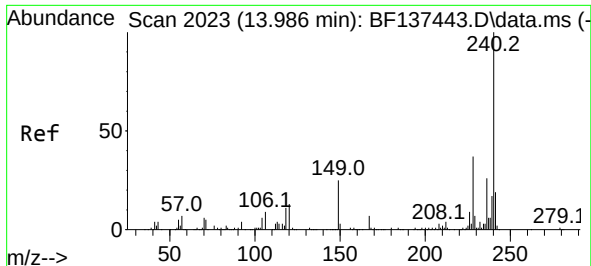
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.551 min Scan# 1609
Delta R.T. 0.124 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

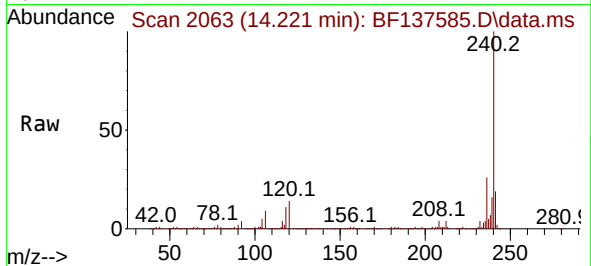
Tgt Ion:188 Resp: 747964
Ion Ratio Lower Upper
188 100
94 13.6 10.6 15.8
80 14.0 11.5 17.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. 0.124 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37

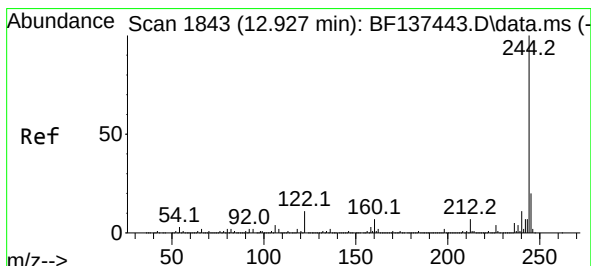
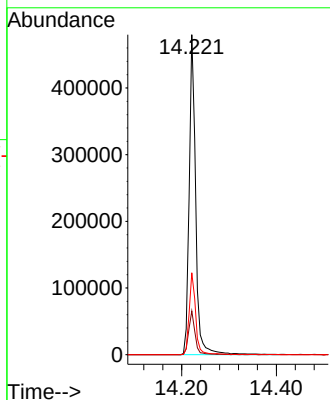
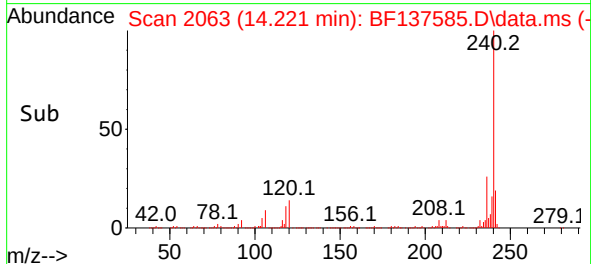
Instrument :
BNA_F
ClientSampleId :
WC-1



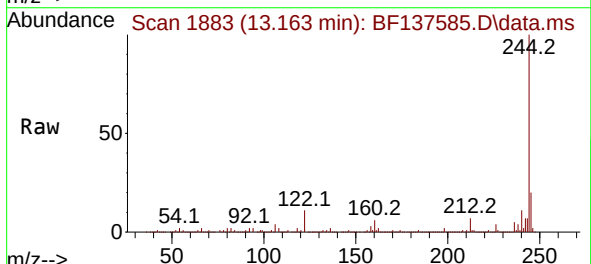
Tgt Ion:240 Resp: 45369
Ion Ratio Lower Upper
240 100
120 13.7 10.4 15.6
236 25.6 20.9 31.3

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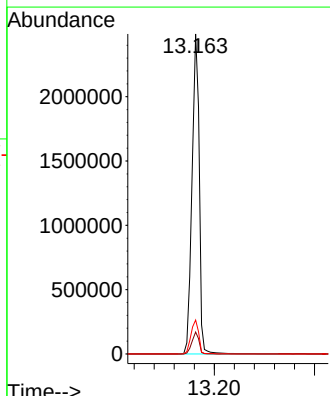
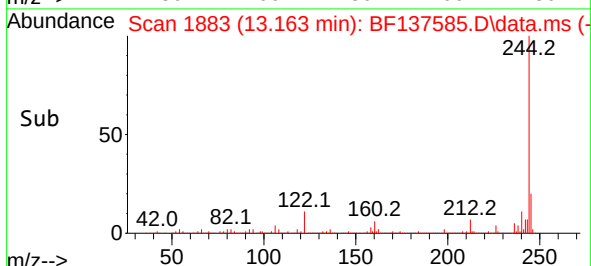
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

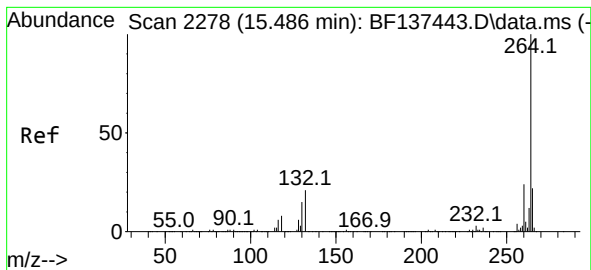


#79
Terphenyl-d14
Concen: 75.160 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.130 min
Lab File: BF137585.D
Acq: 13 Mar 2024 19:37



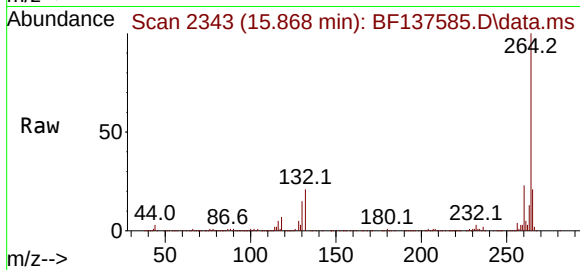
Tgt Ion:244 Resp: 2479768
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.6 9.1 13.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.868 min Scan# 21
 Delta R.T. 0.218 min
 Lab File: BF137585.D
 Acq: 13 Mar 2024 19:37

Instrument :
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Tgt Ion:264 Resp: 401580
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.3 28.9
 265 21.2 17.4 26.0

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