

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141338.D
 Acq On : 31 Jan 2025 18:18
 Operator : RC/JU
 Sample : Q1218-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 22:29:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	137442	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	470760	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	253177	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	387939	20.000	ng	0.00
76) Chrysene-d12	13.963	240	301332	20.000	ng	-0.01
86) Perylene-d12	15.427	264	312799	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1040103	116.178	ng	0.01
7) Phenol-d6	6.428	99	1232359	108.206	ng	-0.01
23) Nitrobenzene-d5	7.363	82	800105	89.597	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	277480	119.549	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1376481	83.683	ng	0.00
79) Terphenyl-d14	12.910	244	1297950	66.428	ng	0.00
Target Compounds						
32) Benzoic acid	8.392	122	19703436m	3858.280	ng	Qvalue

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

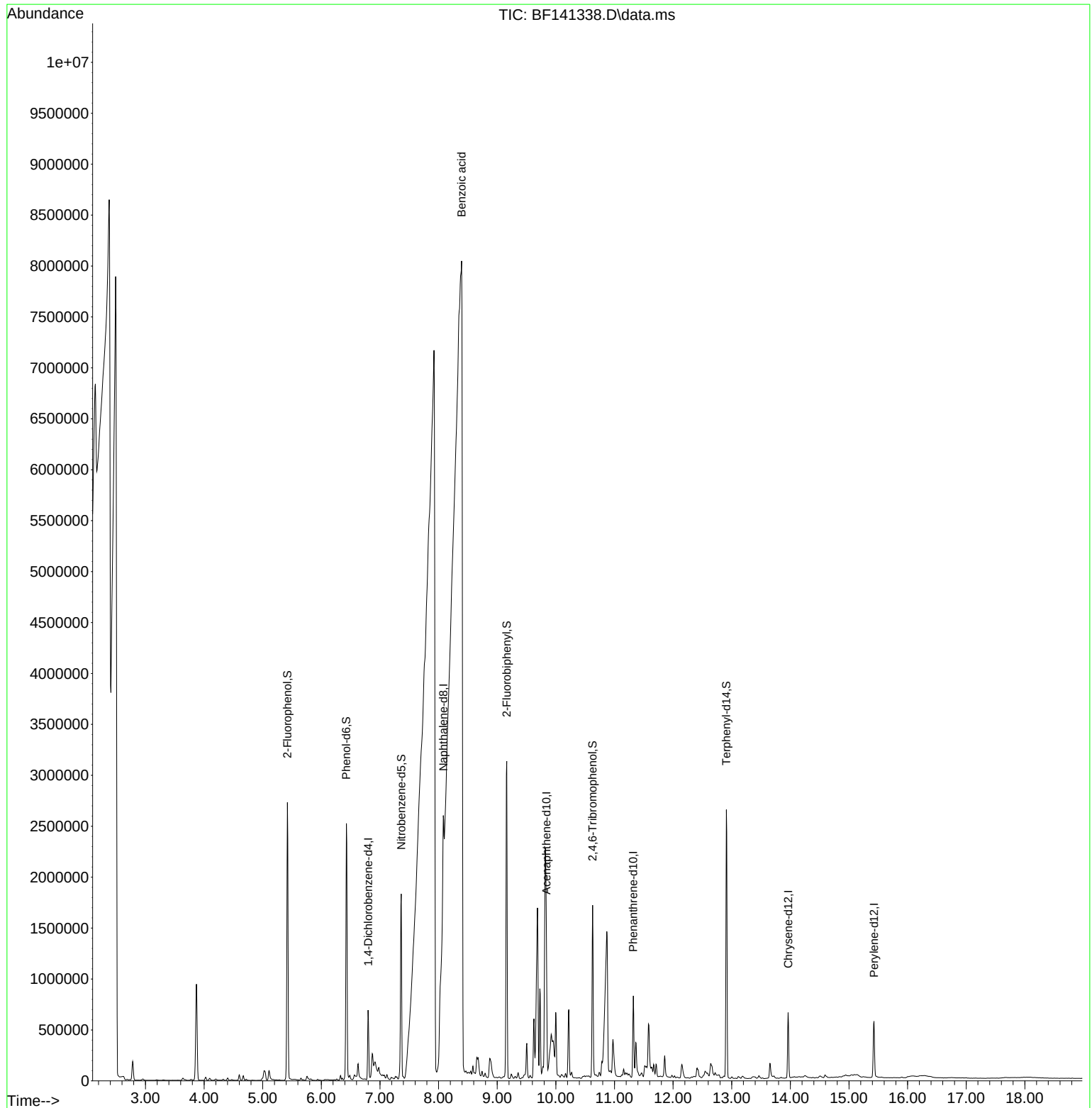
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141338.D
Acq On : 31 Jan 2025 18:18
Operator : RC/JU
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ALS Vial : 4 Sample Multiplier: 1

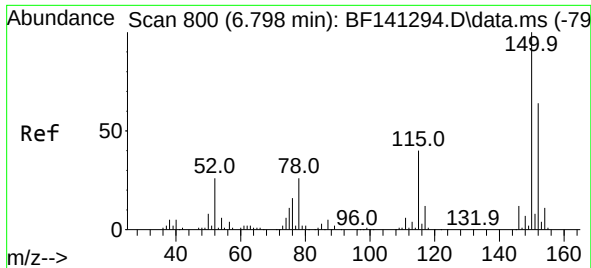
Instrument :
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Quant Time: Jan 31 22:29:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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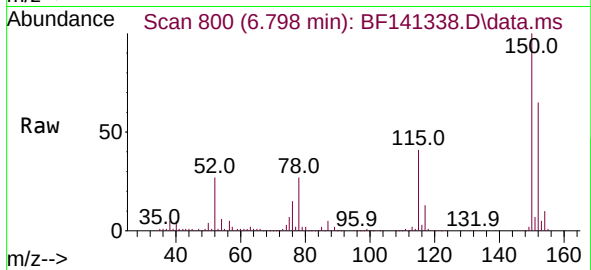
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

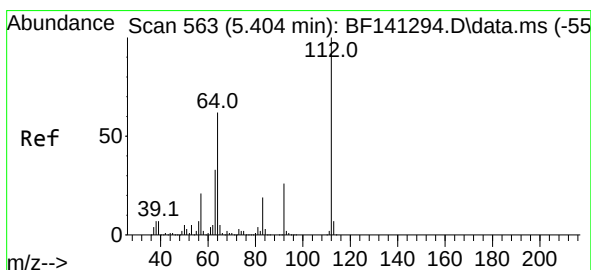
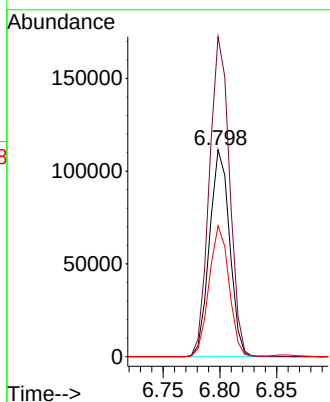
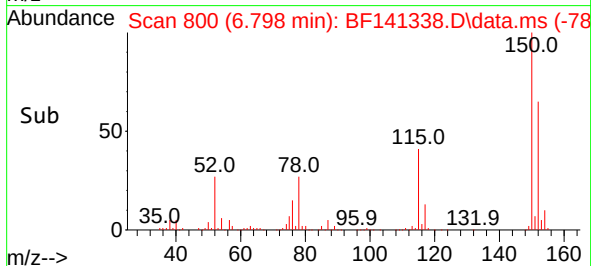
Instrument :
BNA_F
ClientSampleId :
BELL-25-002



Tgt Ion:152 Resp: 13744
Ion Ratio Lower Upper
152 100
150 154.7 125.9 188.9
115 63.3 49.7 74.5

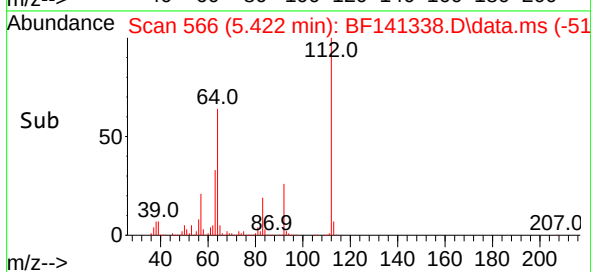
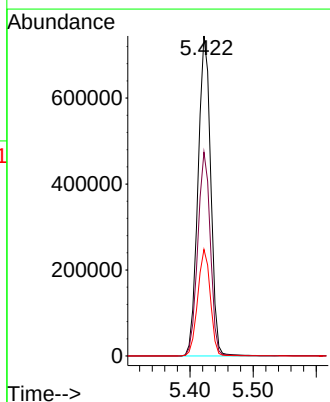
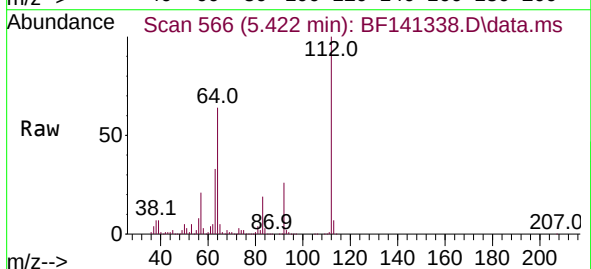
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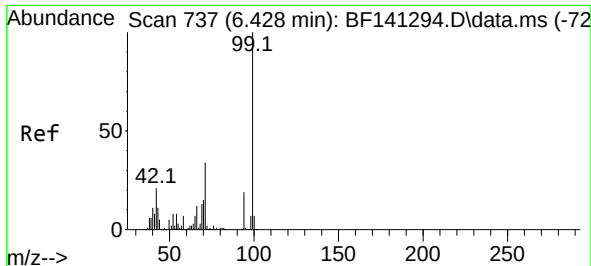
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#5
2-Fluorophenol
Concen: 116.178 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

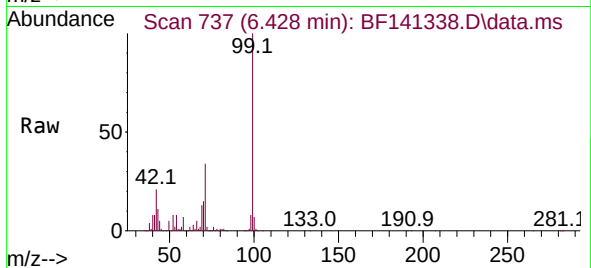
Tgt Ion:112 Resp: 1040103
Ion Ratio Lower Upper
112 100
64 63.7 49.8 74.8
63 33.3 26.1 39.1





#7
Phenol-d6
Concen: 108.206 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

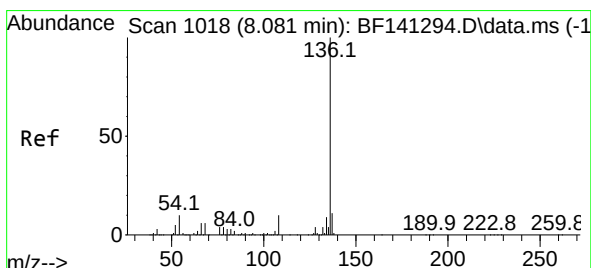
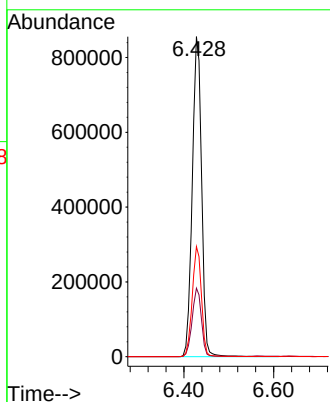
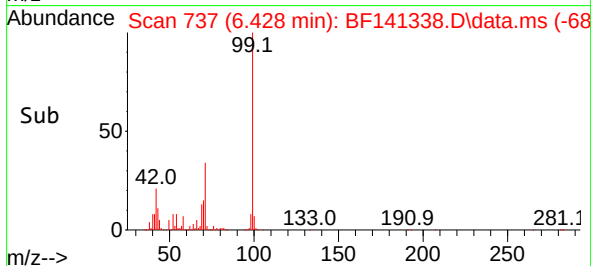
Instrument :
BNA_F
ClientSampleId :
BELL-25-002



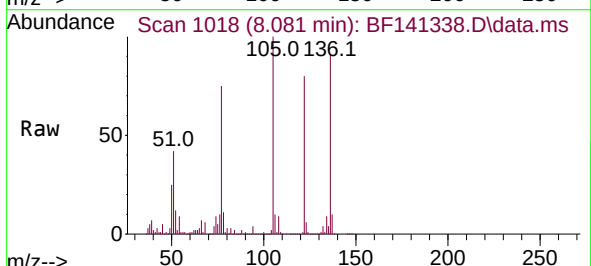
Tgt Ion: 99 Resp: 123235
Ion Ratio Lower Upper
99 100
42 21.4 17.1 25.7
71 34.4 26.9 40.3

Manual Integrations
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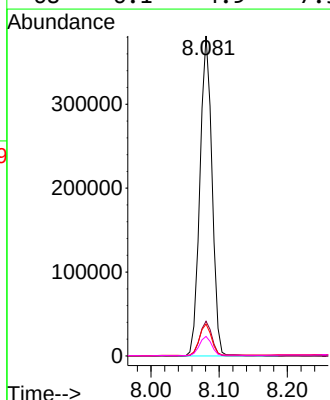
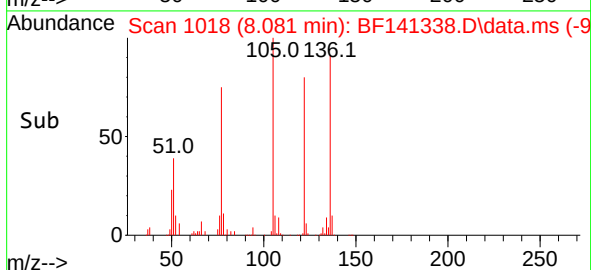
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

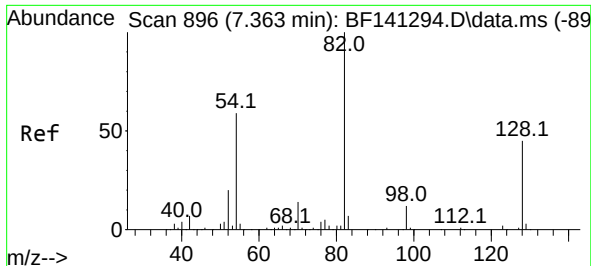


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18



Tgt Ion:136 Resp: 470760
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 7.8 11.8
68 6.1 4.9 7.3





#23
Nitrobenzene-d5
Concen: 89.597 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Instrument :

BNA_F

ClientSampleId :

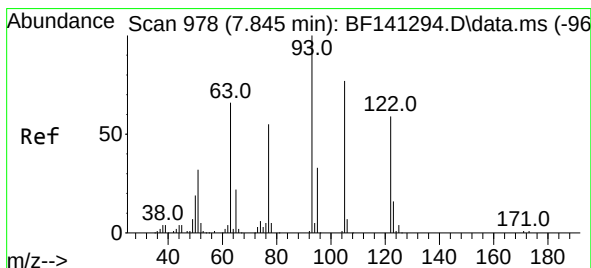
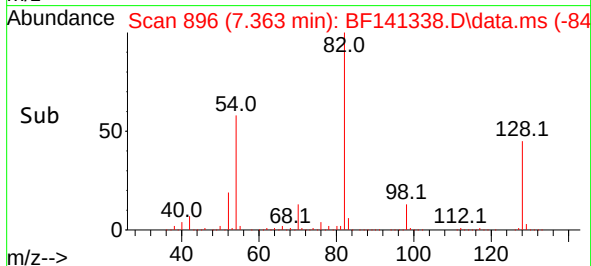
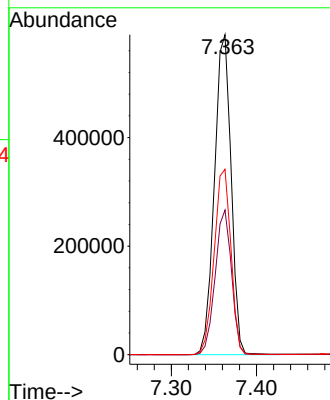
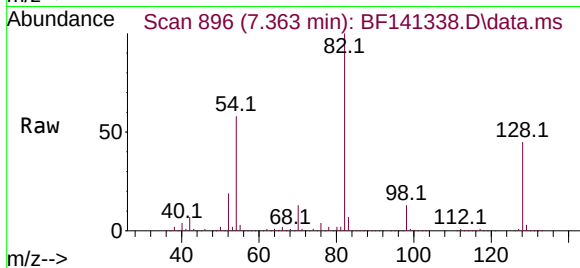
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Tgt Ion: 82 Resp: 80010
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 57.9 47.1 70.7

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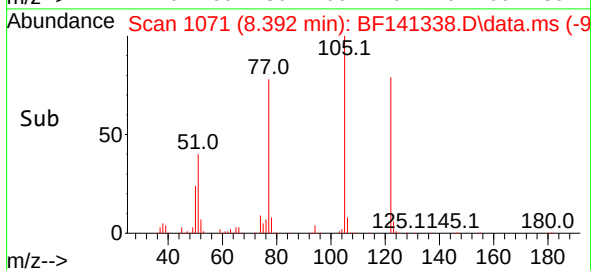
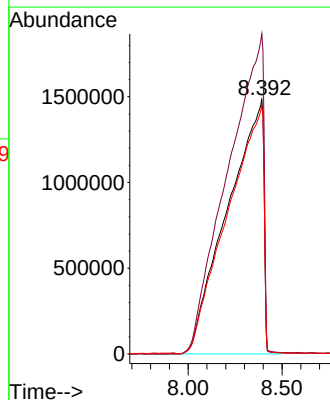
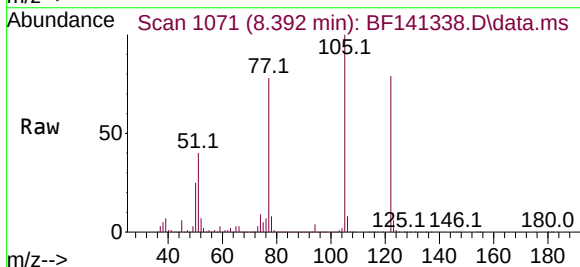
APPROVED

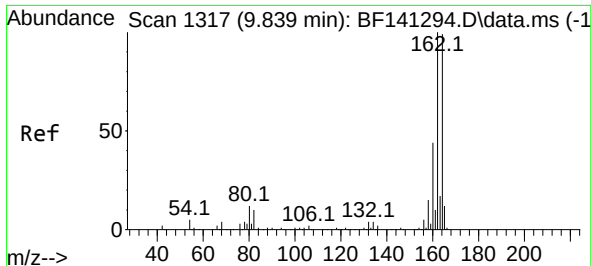
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 3858.280 ng m
RT: 8.392 min Scan# 1071
Delta R.T. 0.512 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Tgt Ion:122 Resp:19703436
Ion Ratio Lower Upper
122 100
105 125.8 103.4 143.4
77 97.8 70.9 110.9





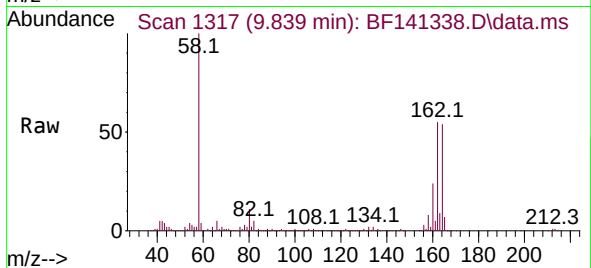
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Instrument :

BNA_F

ClientSampleId :

BELL-25-002

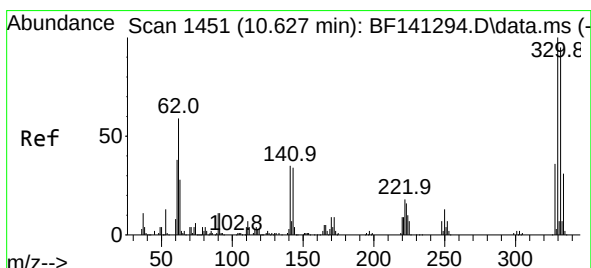
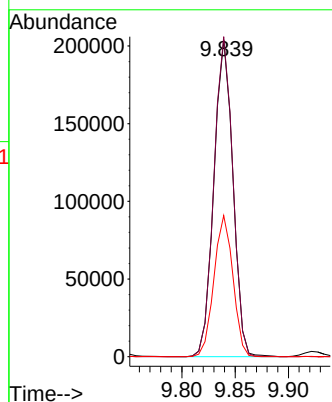
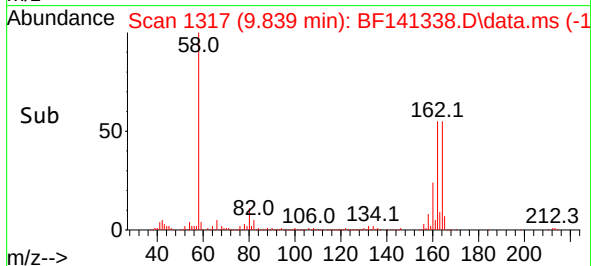


Tgt Ion:164 Resp: 25317
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 44.5 35.8 53.6

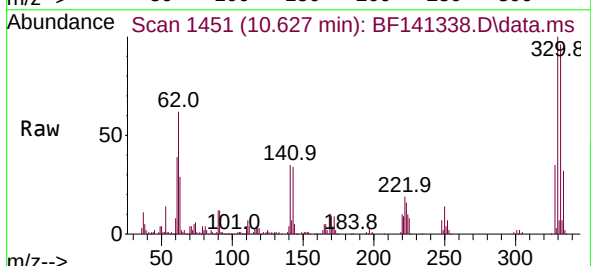
Manual Integrations

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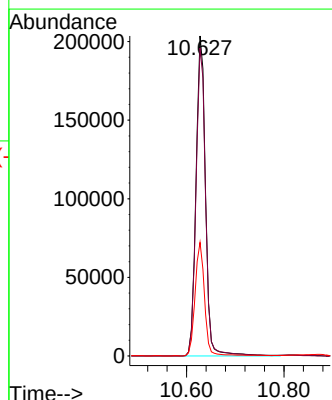
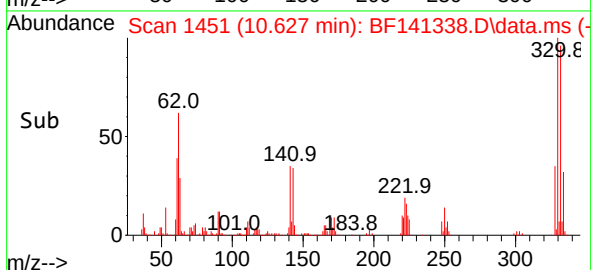
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

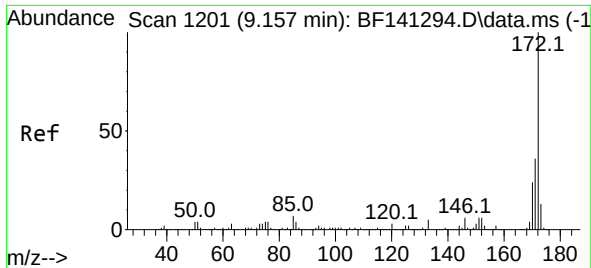


#42
2,4,6-Tribromophenol
Concen: 119.549 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18



Tgt Ion:330 Resp: 277480
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 35.4 28.8 43.2





#45
2-Fluorobiphenyl
Concen: 83.683 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Instrument :

BNA_F

ClientSampleId :

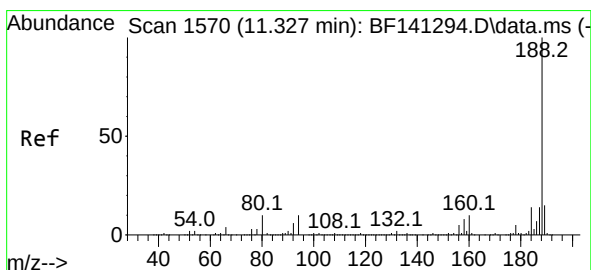
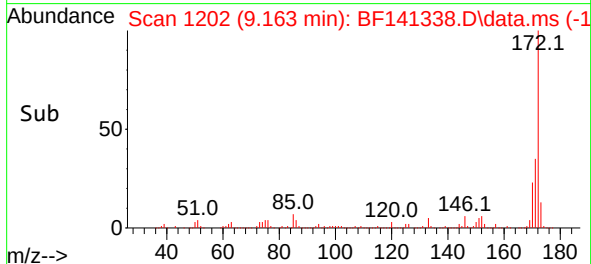
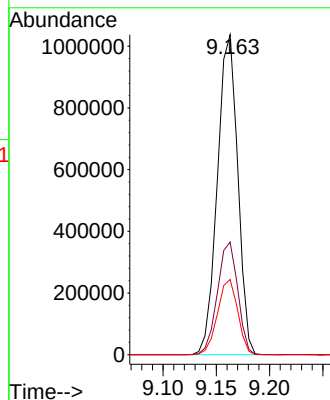
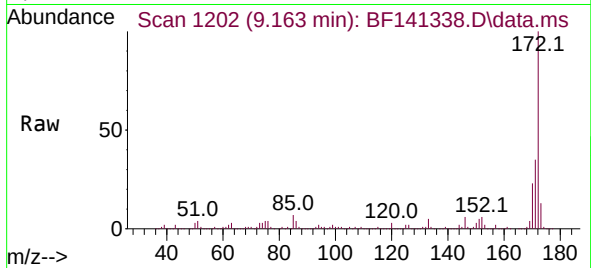
BELL-25-002

Tgt Ion:172 Resp: 137648
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.5 19.0 28.6

Manual Integrations

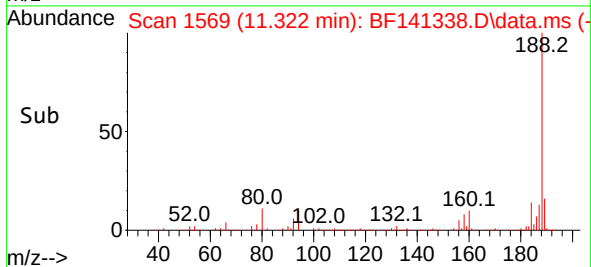
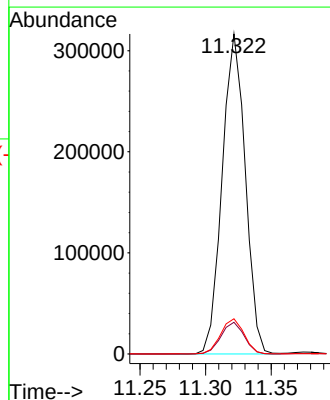
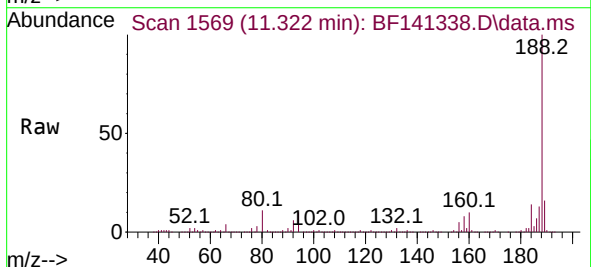
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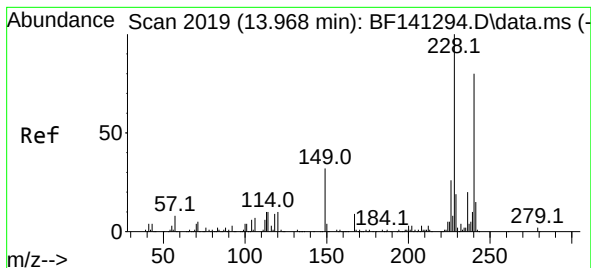
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Tgt Ion:188 Resp: 387939
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 11.0 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF141338.D

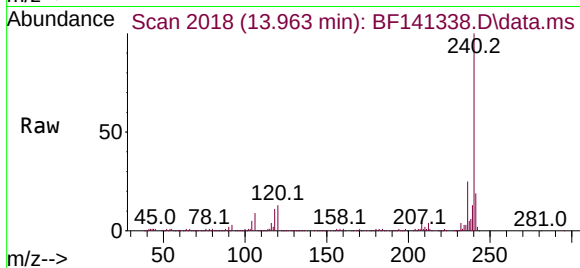
Acq: 31 Jan 2025 18:18

Instrument :

BNA_F

ClientSampleId :

BELL-25-002



Tgt Ion:240 Resp: 30133

Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

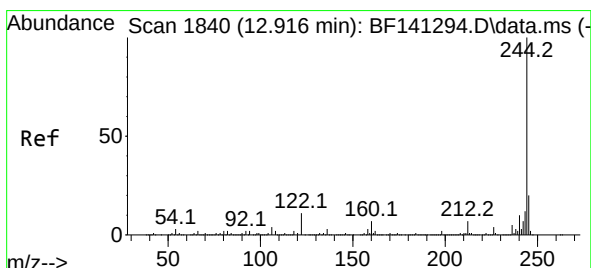
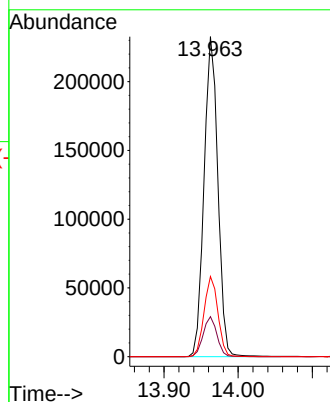
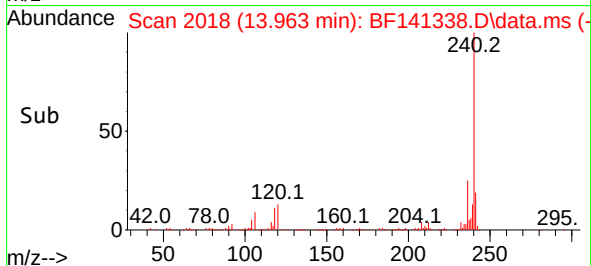
236 25.0 19.7 29.5

Manual Integrations

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Supervised By :mohammad ahmed 02/04/2025



#79

Terphenyl-d14

Concen: 66.428 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141338.D

Acq: 31 Jan 2025 18:18

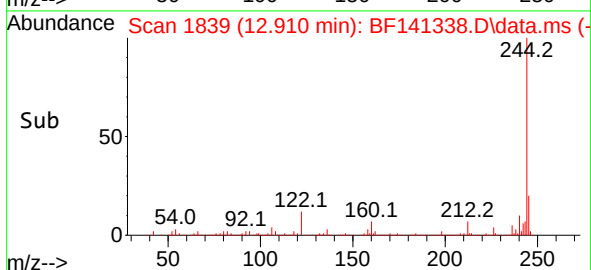
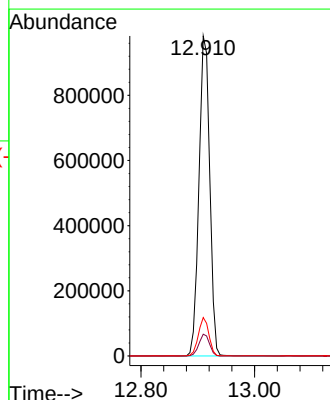
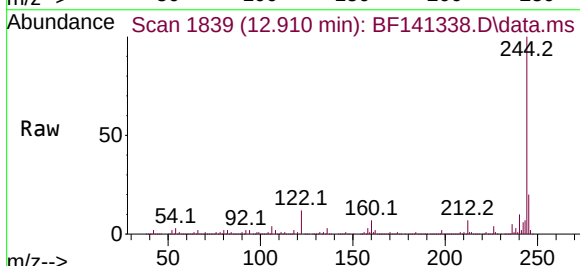
Tgt Ion:244 Resp: 1297950

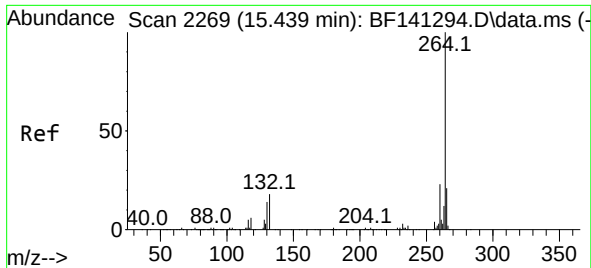
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

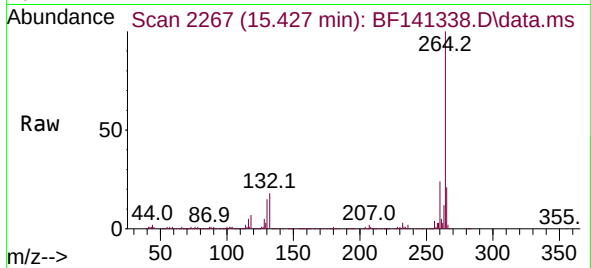
122 12.0 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141338.D
Acq: 31 Jan 2025 18:18

Instrument :
BNA_F
ClientSampleId :
BELL-25-002



Tgt Ion:264 Resp: 312799
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.1 16.7 25.1

Manual Integrations
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Supervised By :mohammad ahmed 02/04/2025

