

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141273.D
 Acq On : 27 Jan 2025 15:31
 Operator : RC/JU
 Sample : Q1169-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 27 15:56:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	127983	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	498170	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	262605	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	419729	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	296565	20.000	ng	-0.02
86) Perylene-d12	15.433	264	329855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1178851	142.292	ng	0.00
7) Phenol-d6	6.440	99	1409331	134.294	ng	0.00
23) Nitrobenzene-d5	7.363	82	949065	100.987	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	488959	163.411	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1804094	104.908	ng	-0.02
79) Terphenyl-d14	12.922	244	1856868	93.061	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.804	122	58095m	10.077	ng	

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

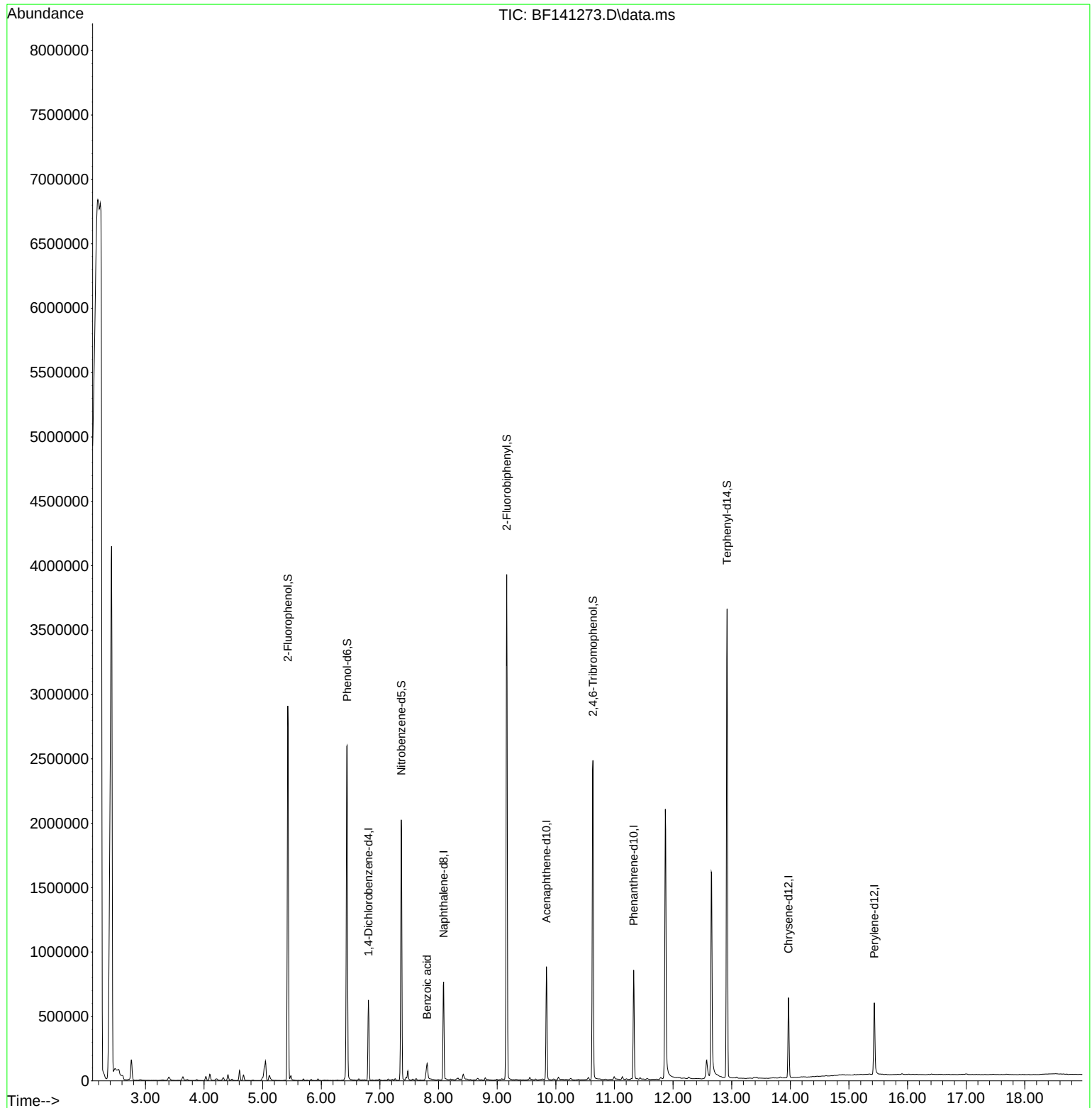
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
Data File : BF141273.D
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ALS Vial : 9 Sample Multiplier: 1

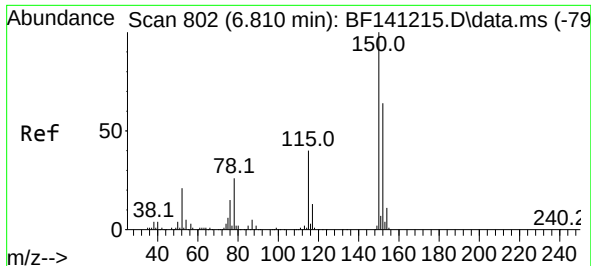
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QLast Update : Fri Jan 10 22:54:19 2025
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141273.D
Acq: 27 Jan 2025 15:31

Instrument :

BNA_F

ClientSampleId :

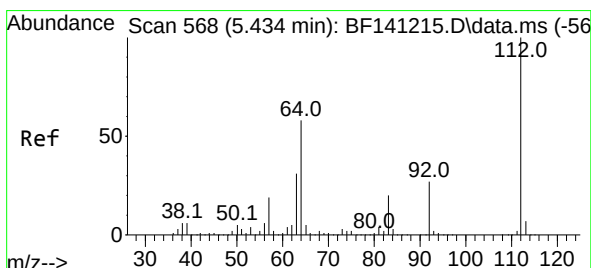
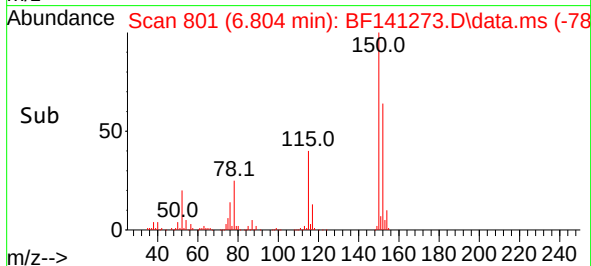
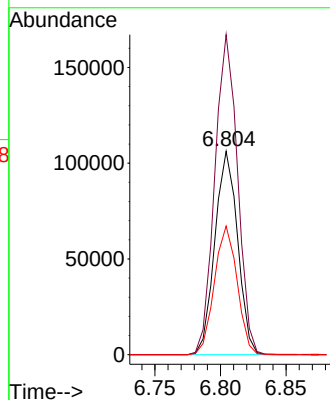
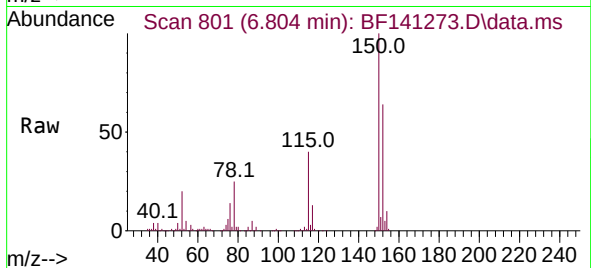
ARS20-0006

Tgt Ion:152 Resp: 127983
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.8
115 63.3 51.4 77.2

Manual Integrations

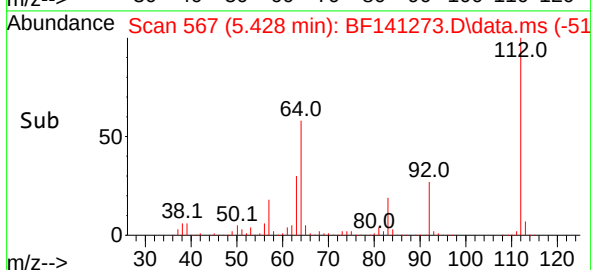
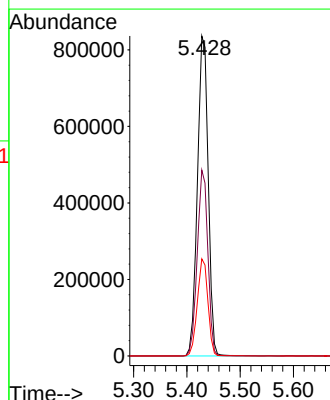
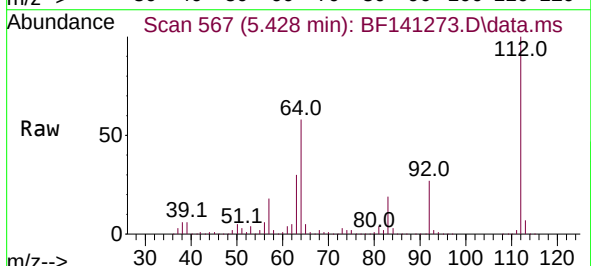
APPROVED

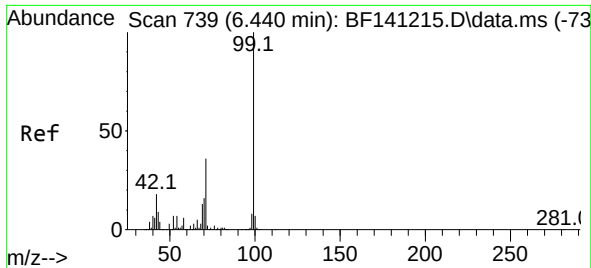
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#5
2-Fluorophenol
Concen: 142.292 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141273.D
Acq: 27 Jan 2025 15:31

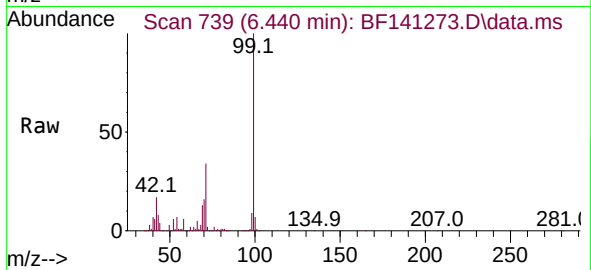
Tgt Ion:112 Resp: 1178851
Ion Ratio Lower Upper
112 100
64 58.1 47.3 70.9
63 30.4 24.2 36.2





#7
Phenol-d6
Concen: 134.294 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141273.D
Acq: 27 Jan 2025 15:31

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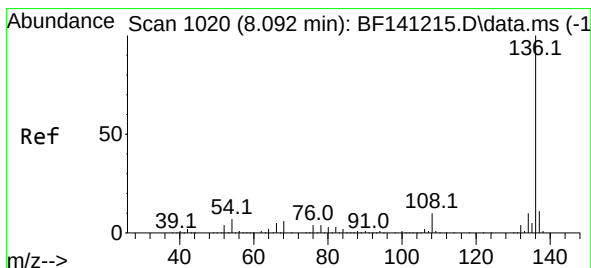
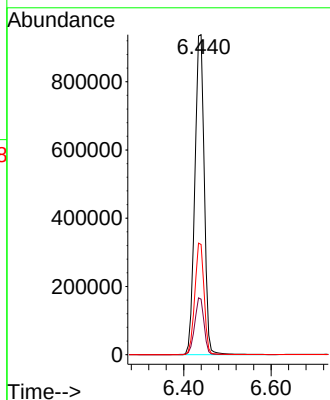
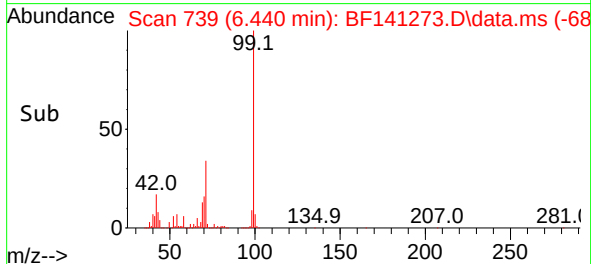


Tgt Ion: 99 Resp: 140933

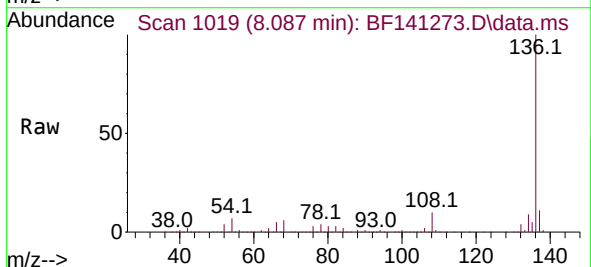
Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.4
71	34.4	27.6	41.4

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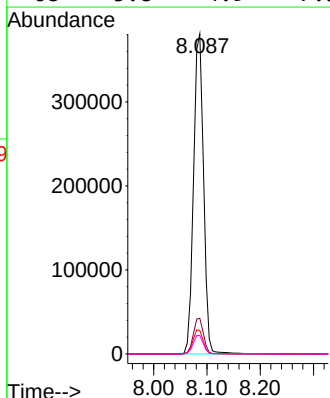
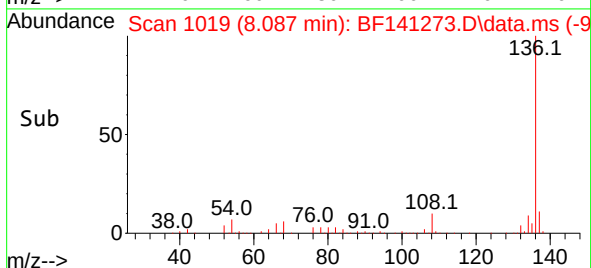


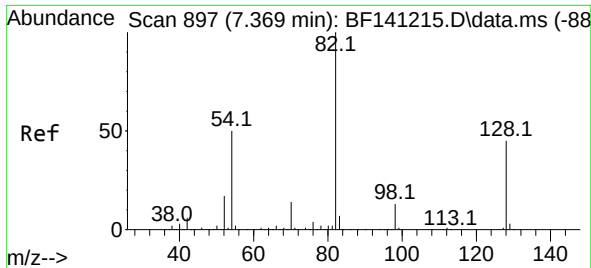
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141273.D
Acq: 27 Jan 2025 15:31



Tgt Ion:136 Resp: 498170

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.4	6.3	9.5
68	5.8	4.9	7.3





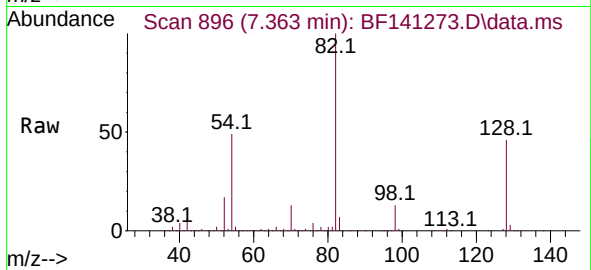
#23
Nitrobenzene-d5
Concen: 100.987 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.023 min
Lab File: BF141273.D
Acq: 27 Jan 2025 15:31

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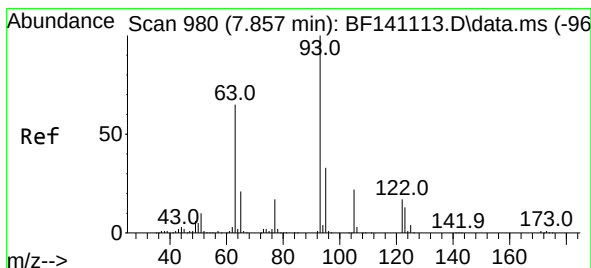
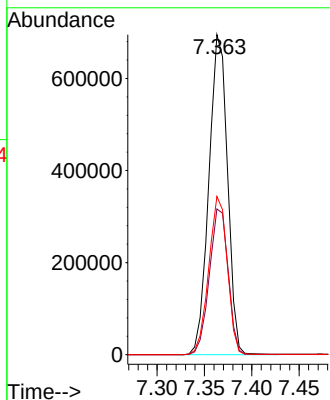
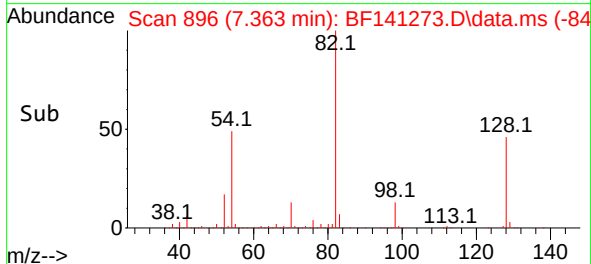


Tgt Ion: 82 Resp: 94906
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 49.4 41.0 61.4

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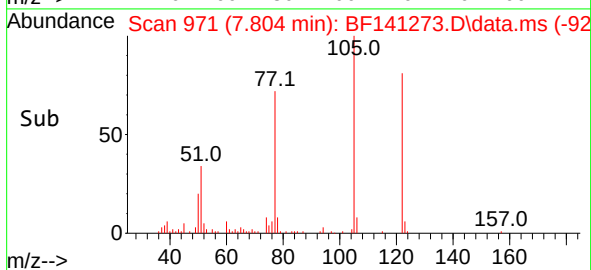
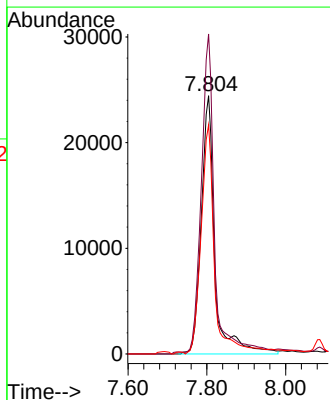
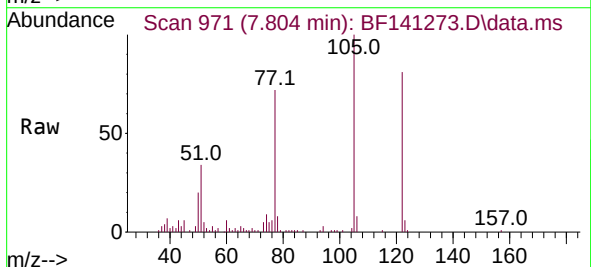
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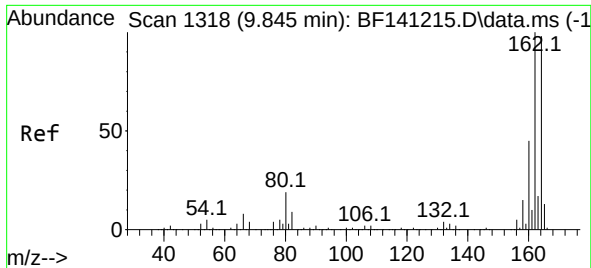
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#32
Benzoic acid
Concen: 10.077 ng m
RT: 7.804 min Scan# 971
Delta R.T. -0.053 min
Lab File: BF141273.D
Acq: 27 Jan 2025 15:31

Tgt Ion:122 Resp: 58095
Ion Ratio Lower Upper
122 100
105 123.9 105.5 145.5
77 88.7 75.1 115.1





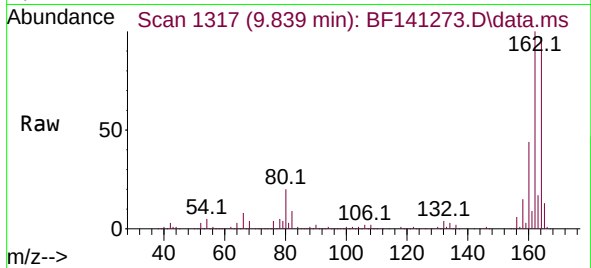
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.023 min
Lab File: BF141273.D
Acq: 27 Jan 2025 15:31

Instrument :

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ARS20-0006

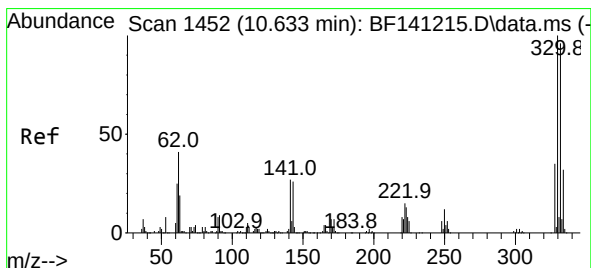
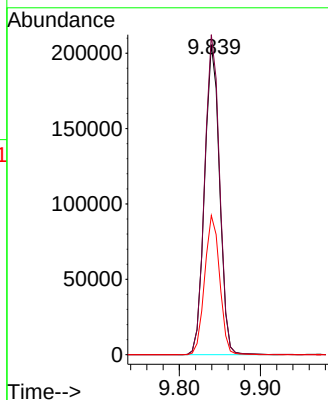
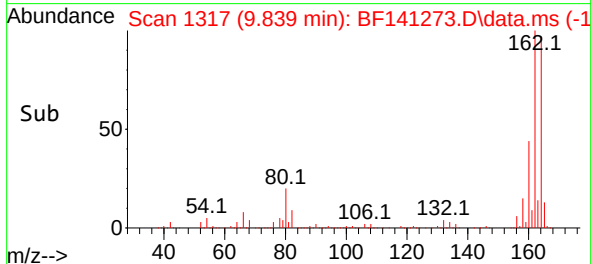


Tgt Ion:164 Resp: 262609
Ion Ratio Lower Upper
164 100
162 103.2 81.0 121.4
160 44.9 36.1 54.1

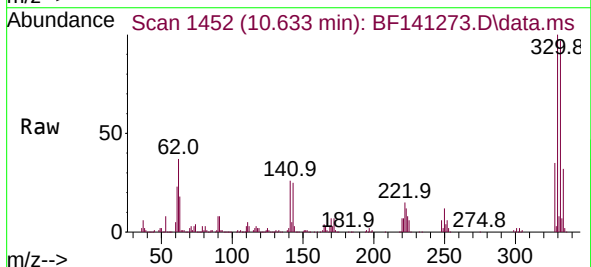
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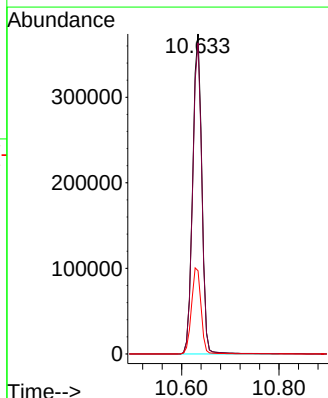
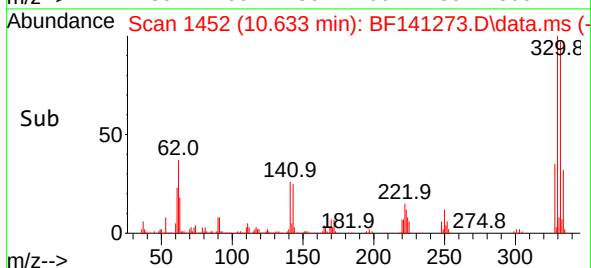
Reviewed By :Jagrut Upadhyay 01/28/2025
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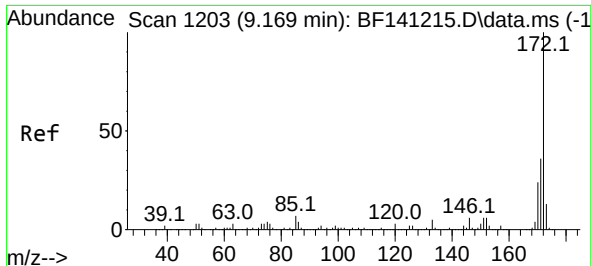


#42
2,4,6-Tribromophenol
Concen: 163.411 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141273.D
Acq: 27 Jan 2025 15:31



Tgt Ion:330 Resp: 488959
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 28.1 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 104.908 ng

RT: 9.163 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141273.D

Acq: 27 Jan 2025 15:31

Instrument :

BNA_F

ClientSampleId :

ARS20-0006

Tgt Ion:172 Resp: 1804094

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

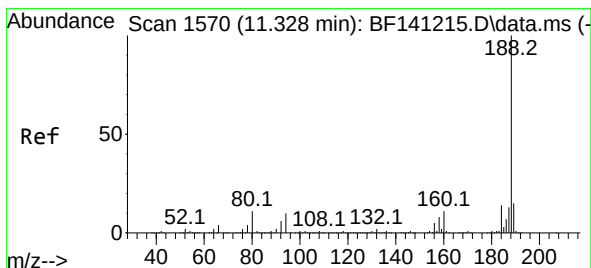
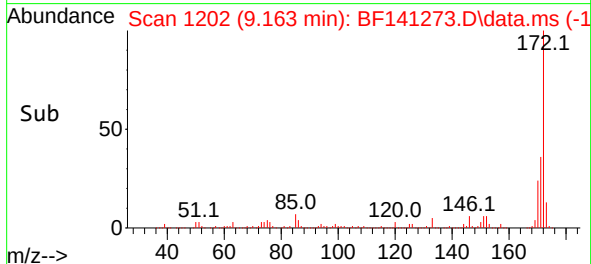
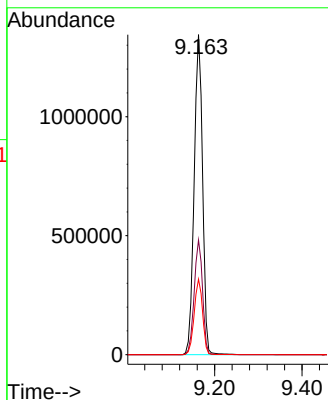
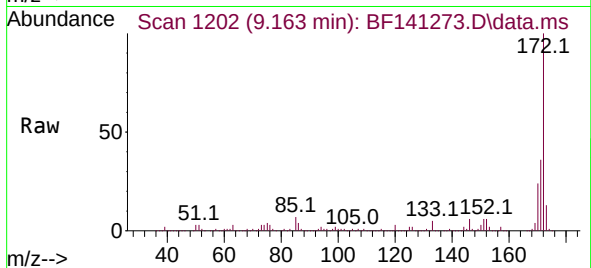
170 23.6 19.0 28.6

Manual Integrations

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Supervised By :mohammad ahmed 01/31/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141273.D

Acq: 27 Jan 2025 15:31

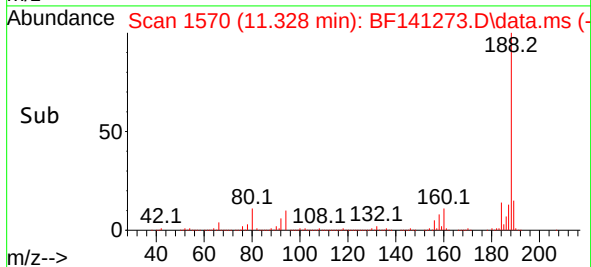
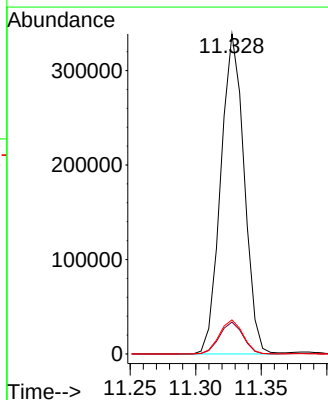
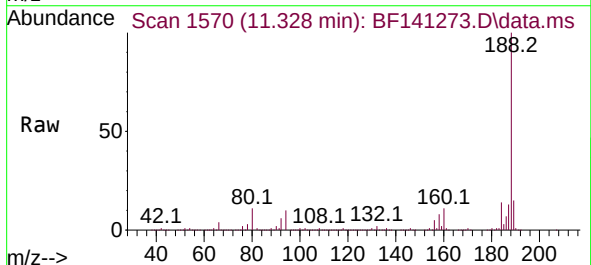
Tgt Ion:188 Resp: 419729

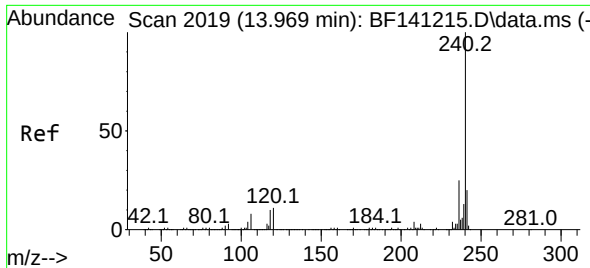
Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.7 9.0 13.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141273.D
Acq: 27 Jan 2025 15:31

Instrument :

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ClientSampleId :

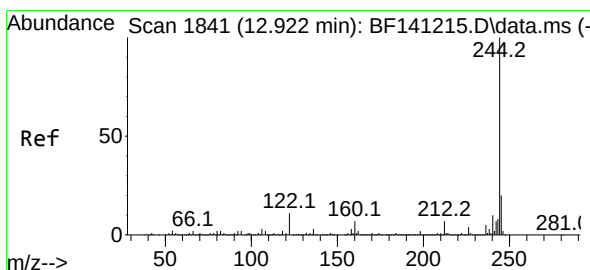
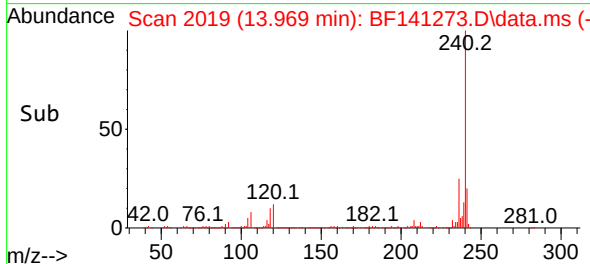
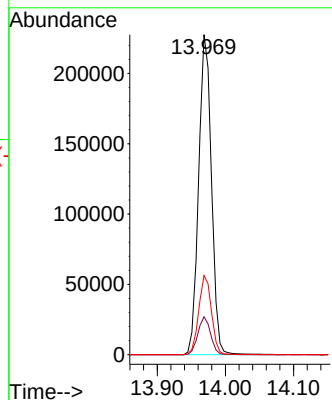
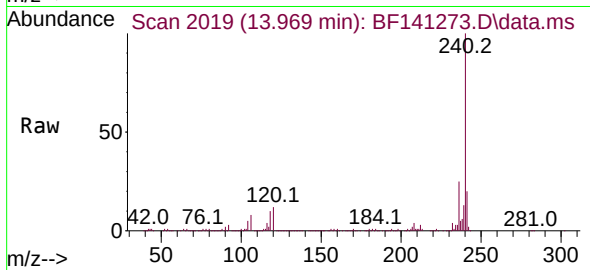
ARS20-0006

Tgt Ion:240 Resp: 296568
Ion Ratio Lower Upper
240 100
120 11.9 9.1 13.7
236 24.8 19.8 29.6

Manual Integrations

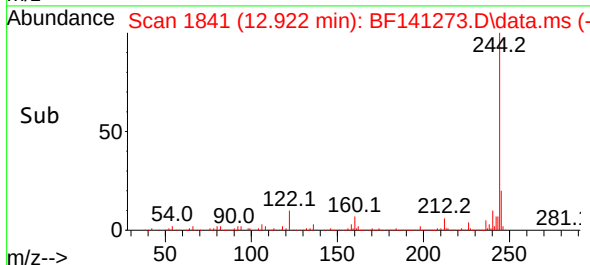
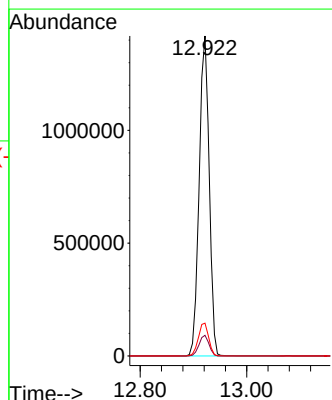
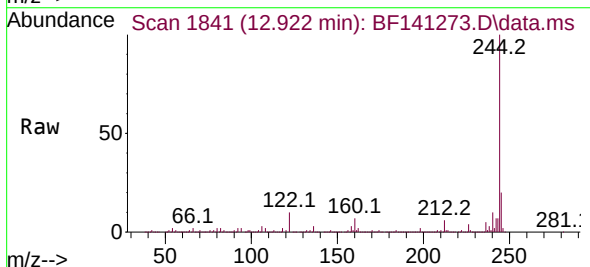
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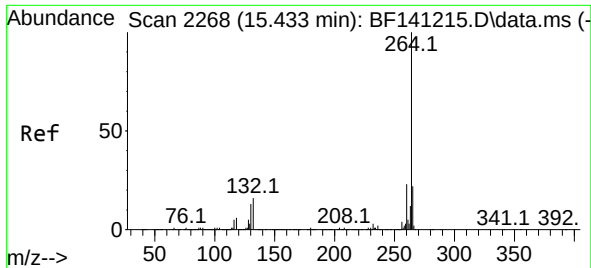
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#79
Terphenyl-d14
Concen: 93.061 ng
RT: 12.922 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF141273.D
Acq: 27 Jan 2025 15:31

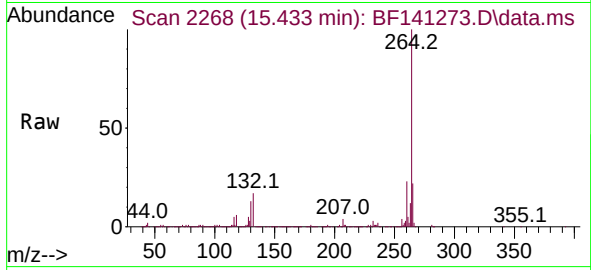
Tgt Ion:244 Resp: 1856868
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.2
122 10.3 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141273.D
 Acq: 27 Jan 2025 15:31

Instrument :
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Tgt Ion:264 Resp: 32985
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.7 17.4 26.0

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