

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141416.D
 Acq On : 04 Feb 2025 18:41
 Operator : RC/JU
 Sample : Q1241-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.2-013025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025

Quant Time: Feb 05 00:32:58 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	6.787	152	74884	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	293134	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	165955	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	299114	20.000	ng	-0.02
76) Chrysene-d12	13.951	240	278625	20.000	ng	-0.02
86) Perylene-d12	15.416	264	231582	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	651769	133.620	ng	0.01
7) Phenol-d6	6.428	99	752641	121.292	ng	-0.01
23) Nitrobenzene-d5	7.351	82	576479	103.673	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	266507	175.169	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1081498	100.306	ng	-0.02
79) Terphenyl-d14	12.904	244	1455130	80.541	ng	-0.01
Target Compounds						
32) Benzoic acid	7.793	122	11746m	3.694	ng	Qvalue

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

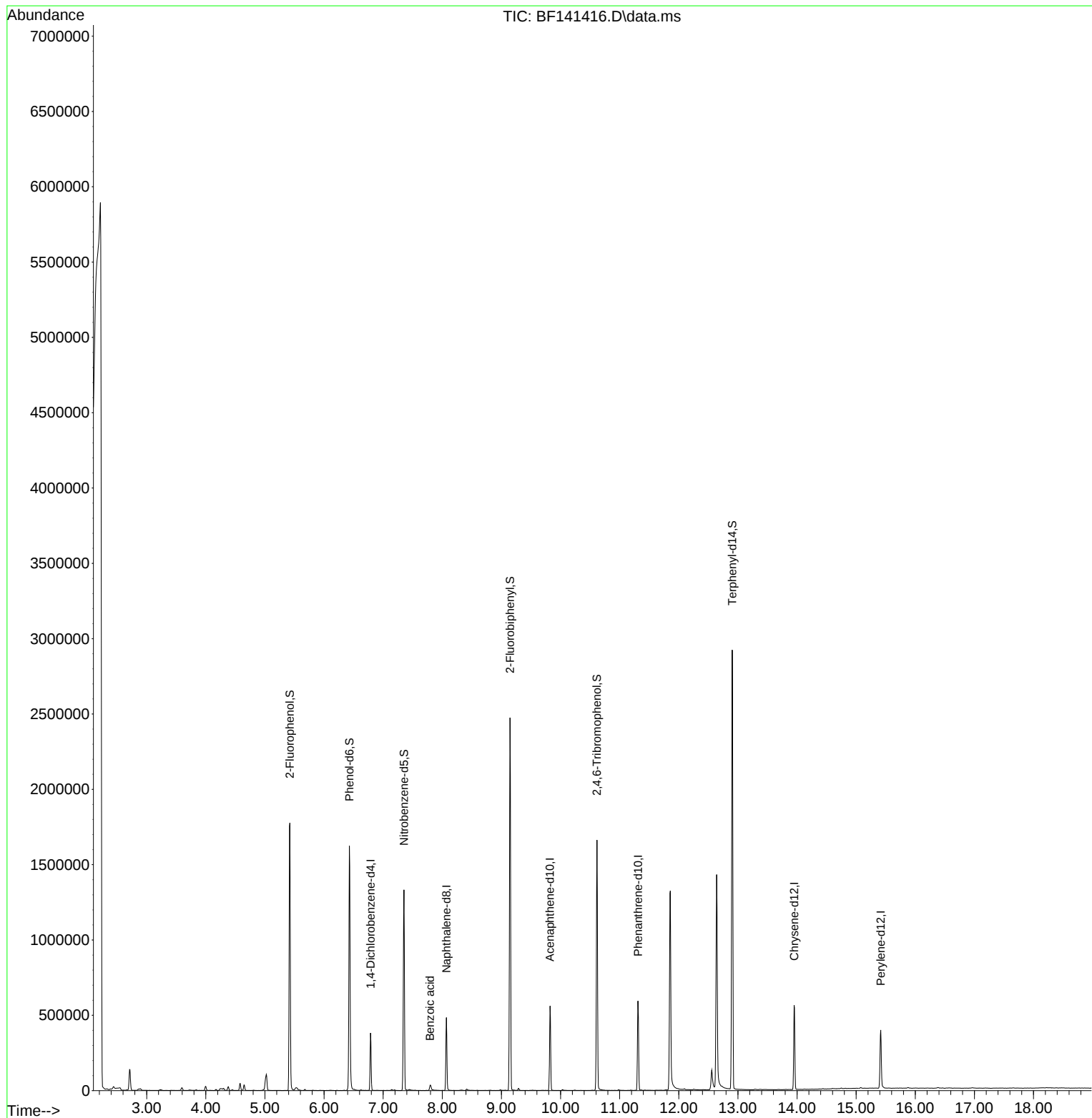
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
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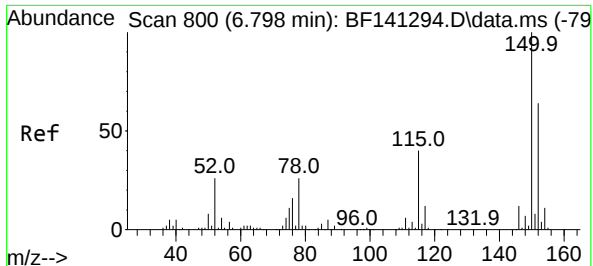
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Quant Time: Feb 05 00:32:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
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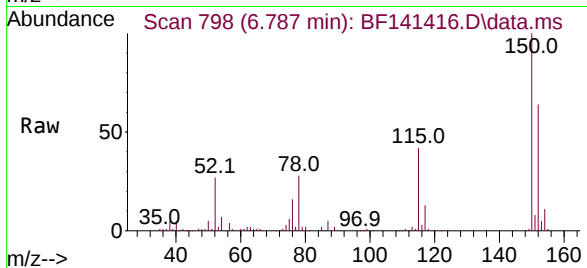
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.017 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

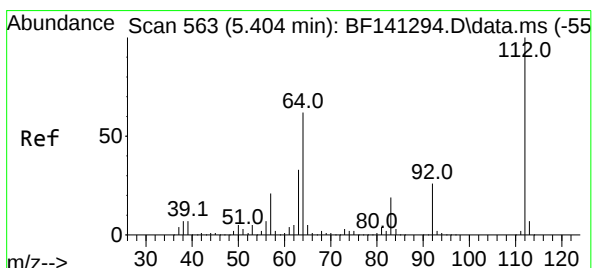
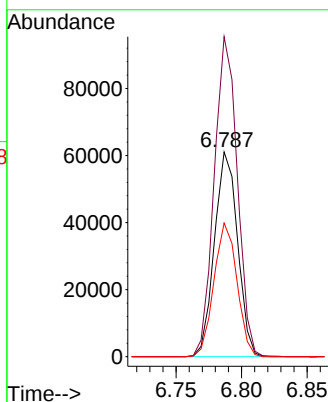
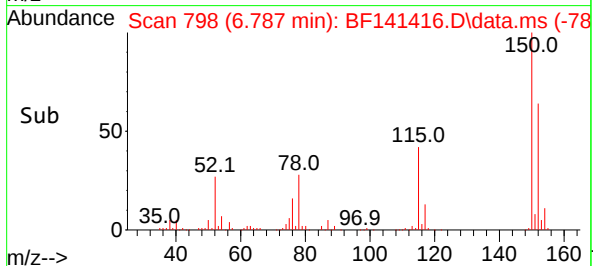
Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025



Tgt Ion:152 Resp: 74884
Ion Ratio Lower Upper
152 100
150 156.3 125.9 188.9
115 65.3 49.7 74.5

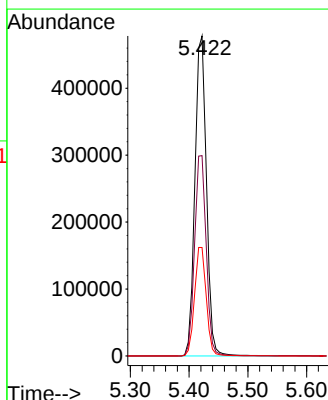
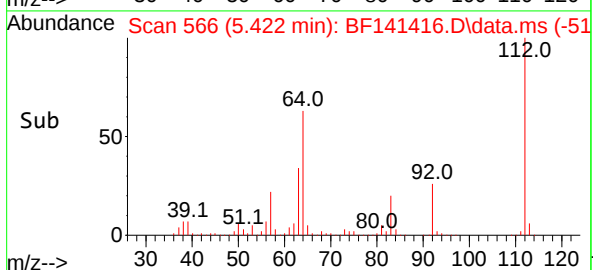
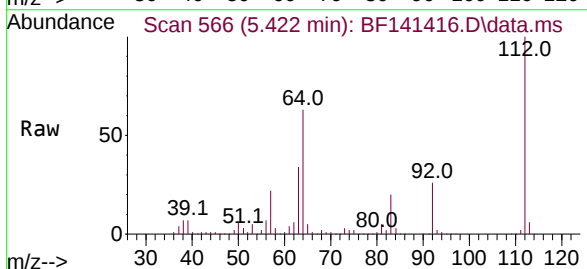
Manual Integrations
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Supervised By :mohammad ahmed 02/05/2025



#5
2-Fluorophenol
Concen: 133.620 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

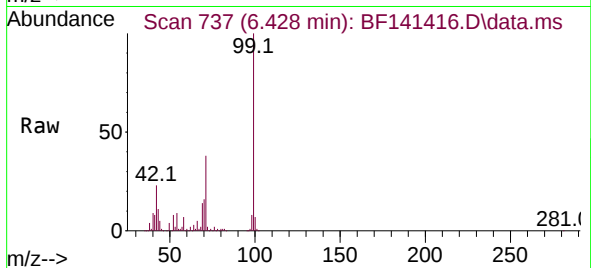
Tgt Ion:112 Resp: 651769
Ion Ratio Lower Upper
112 100
64 62.6 49.8 74.8
63 33.9 26.1 39.1





#7
Phenol-d6
Concen: 121.292 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

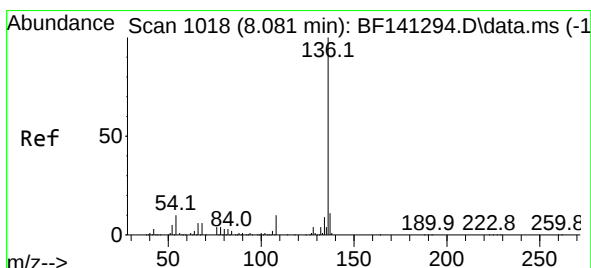
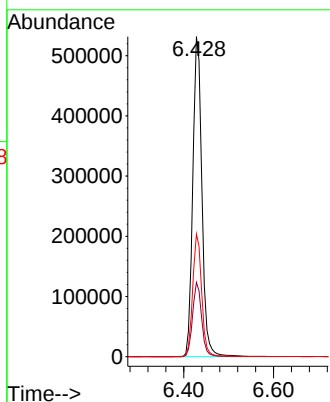
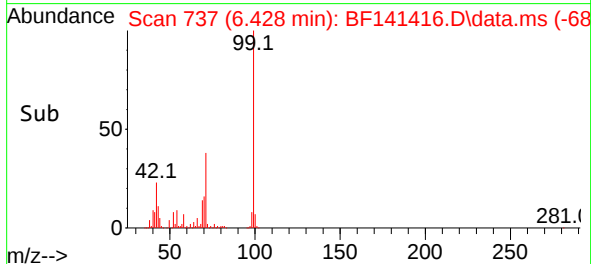
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ClientSampleId :
JPP-5.2-013025



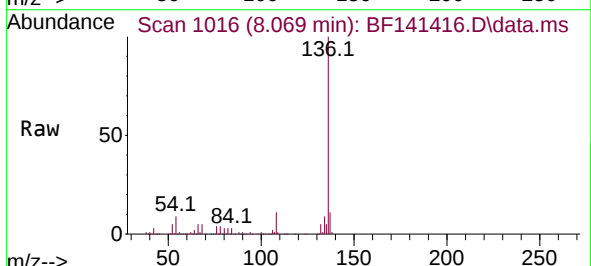
Tgt Ion: 99 Resp: 75264
Ion Ratio Lower Upper
99 100
42 23.2 17.1 25.7
71 38.4 26.9 40.3

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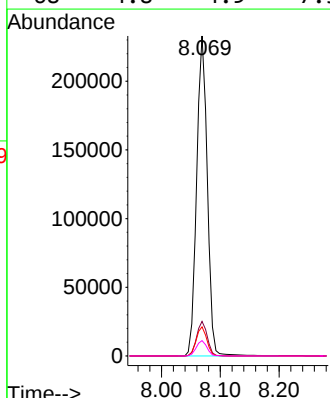
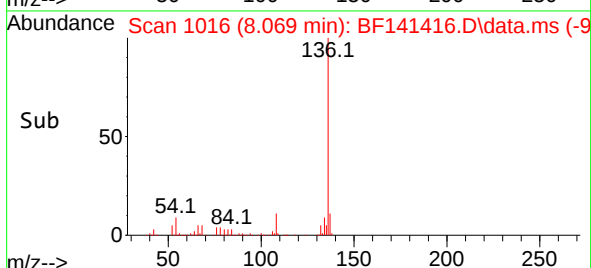
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

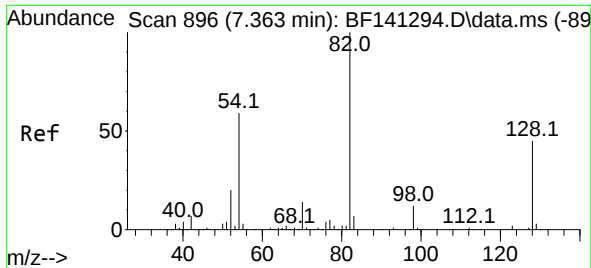


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41



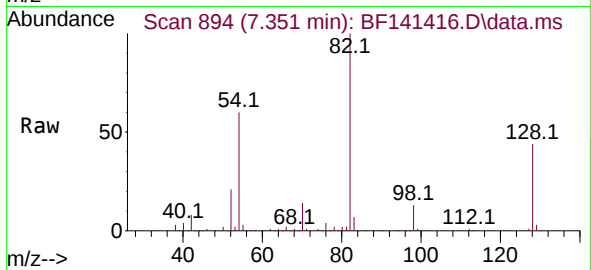
Tgt Ion:136 Resp: 293134
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.8 11.8
68 4.8 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 103.673 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

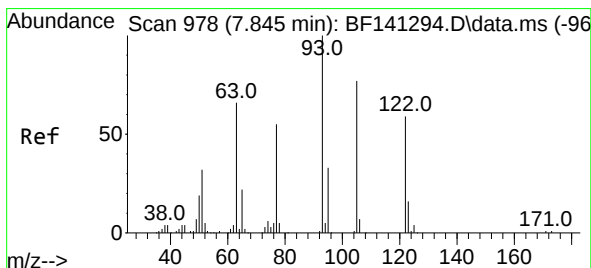
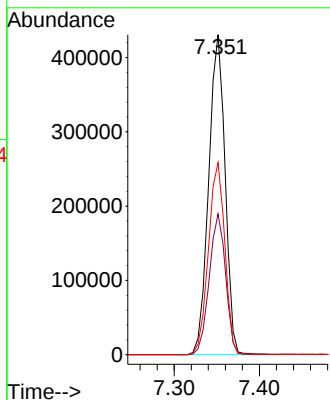
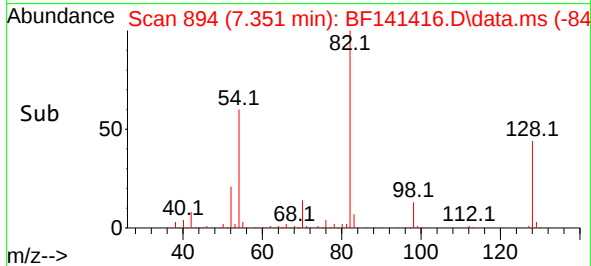
Instrument :
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Tgt Ion: 82 Resp: 576479
Ion Ratio Lower Upper
82 100
128 44.0 35.7 53.5
54 60.0 47.1 70.7

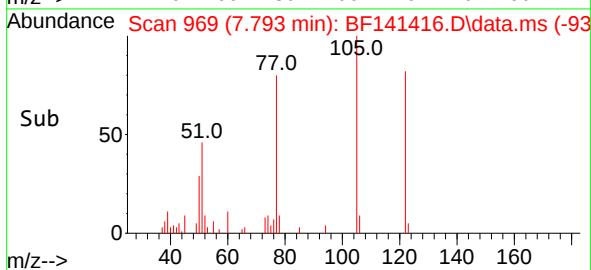
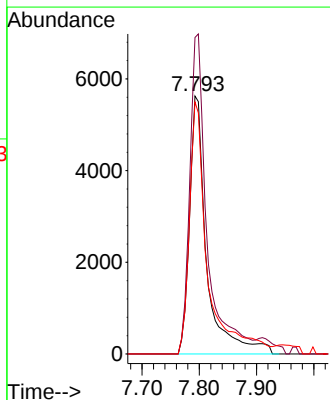
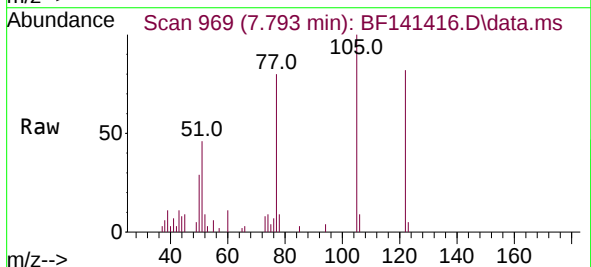
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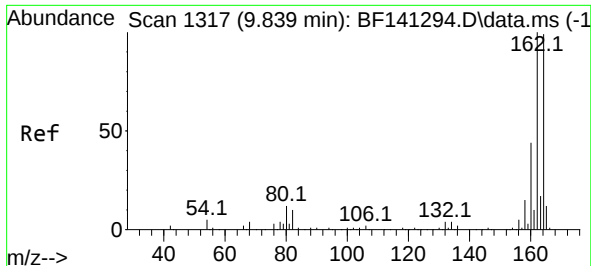
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#32
Benzoic acid
Concen: 3.694 ng m
RT: 7.793 min Scan# 969
Delta R.T. -0.088 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

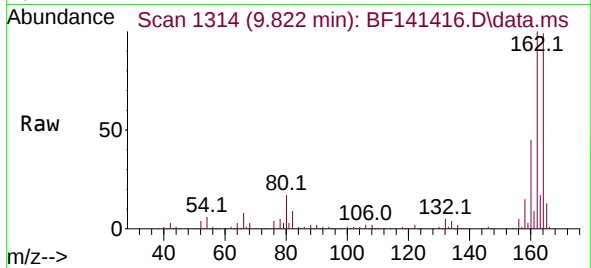
Tgt Ion:122 Resp: 11746
Ion Ratio Lower Upper
122 100
105 122.7 103.4 143.4
77 97.7 70.9 110.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

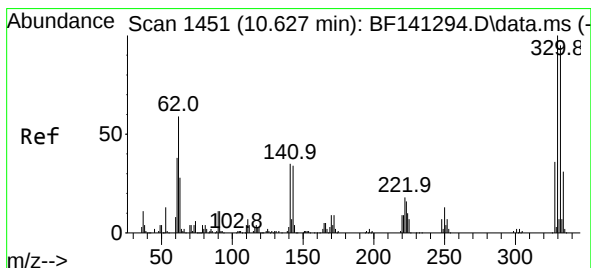
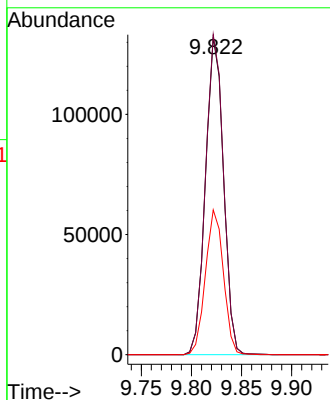
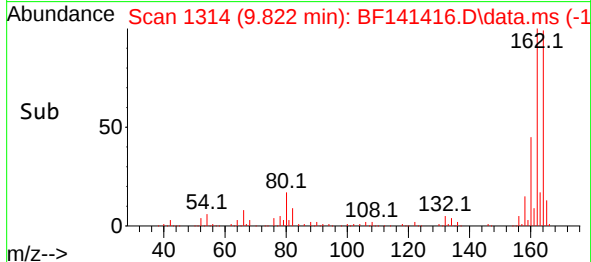
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JPP-5.2-013025



Tgt Ion:164 Resp: 16595
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 45.6 35.8 53.6

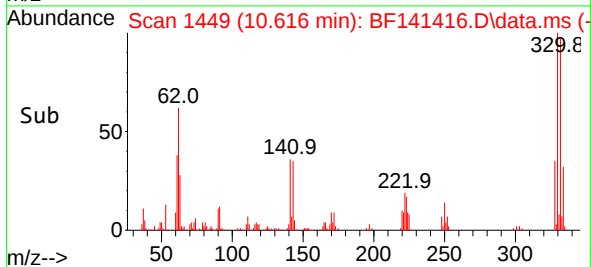
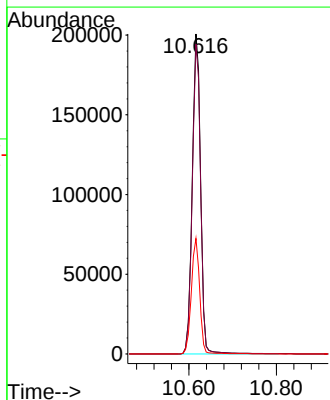
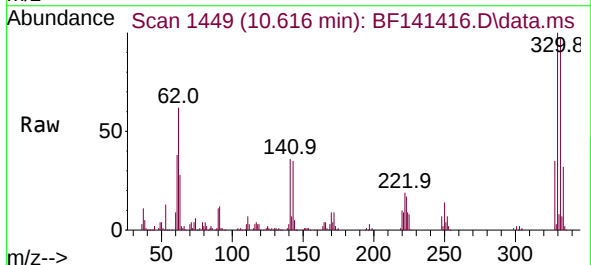
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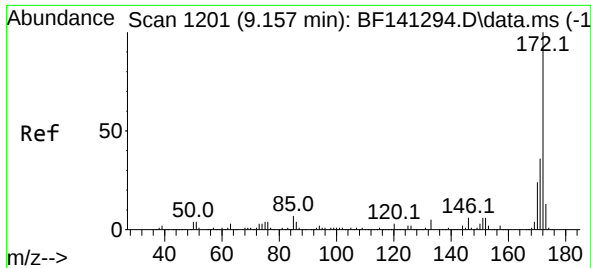
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#42
2,4,6-Tribromophenol
Concen: 175.169 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

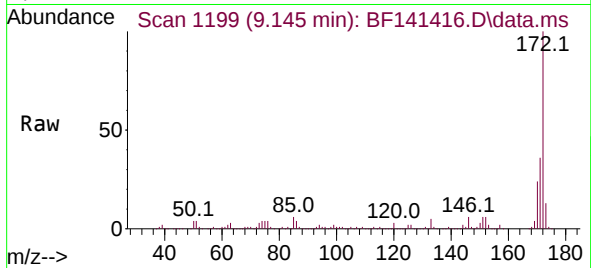
Tgt Ion:330 Resp: 266507
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 36.0 28.8 43.2





#45
2-Fluorobiphenyl
Concen: 100.306 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

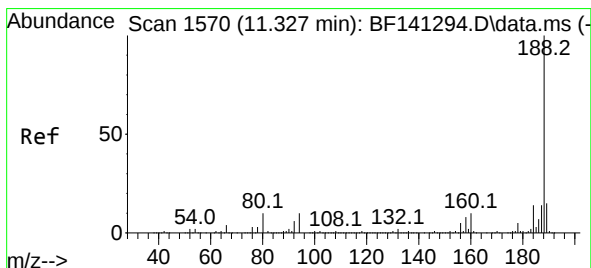
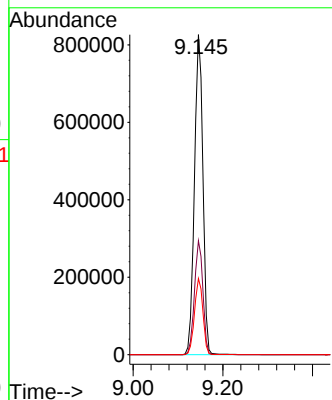
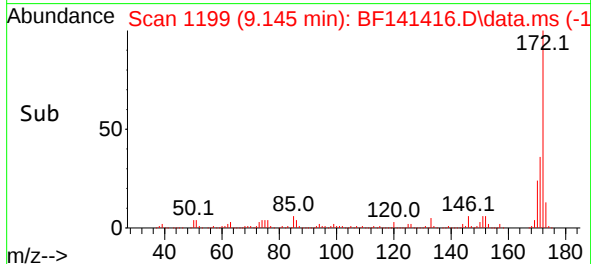
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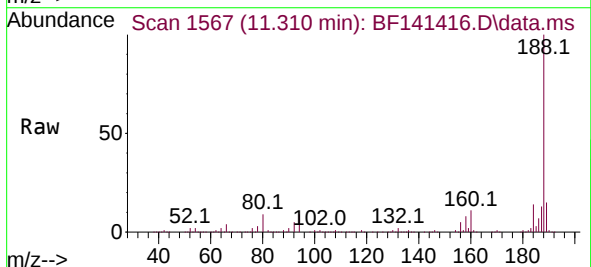
Tgt Ion:172 Resp: 1081498
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.8 19.0 28.6

Manual Integrations
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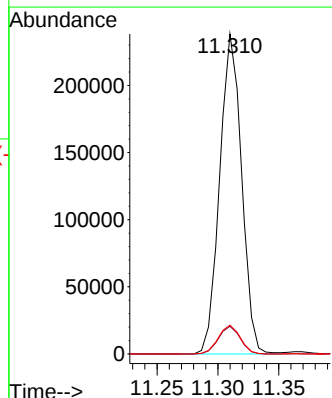
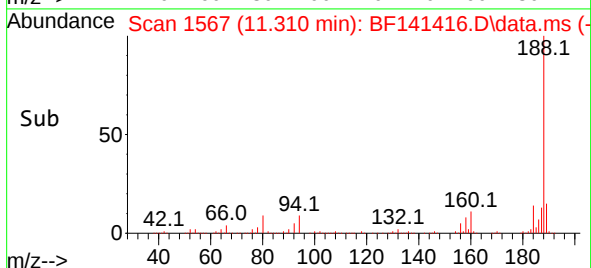
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

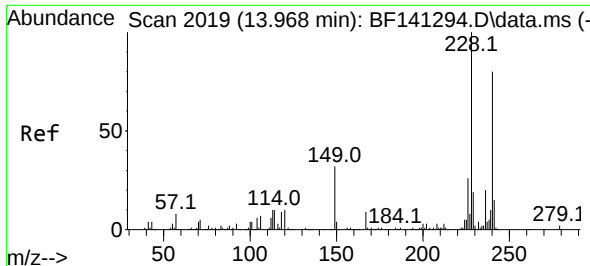


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41



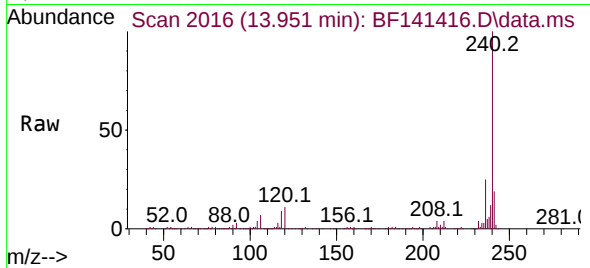
Tgt Ion:188 Resp: 299114
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.0 8.2 12.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2019
Delta R.T. -0.024 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

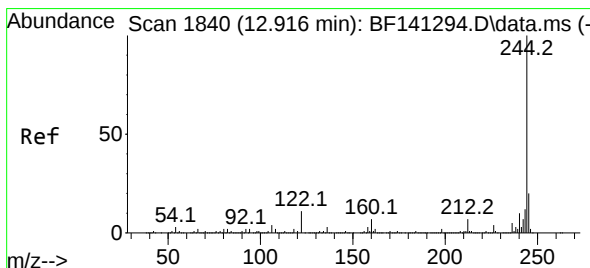
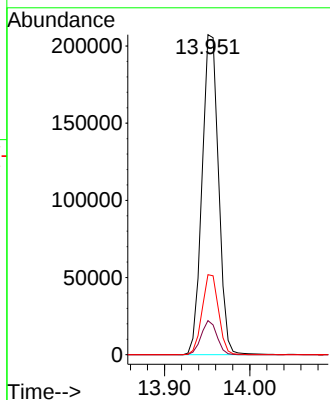
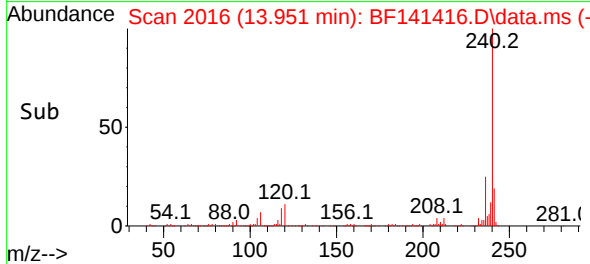
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Tgt Ion:240 Resp: 278625
Ion Ratio Lower Upper
240 100
120 10.6 10.0 15.0
236 25.0 19.7 29.5

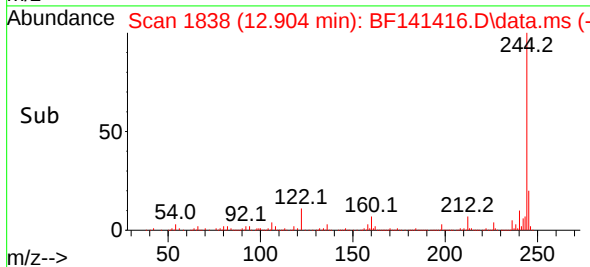
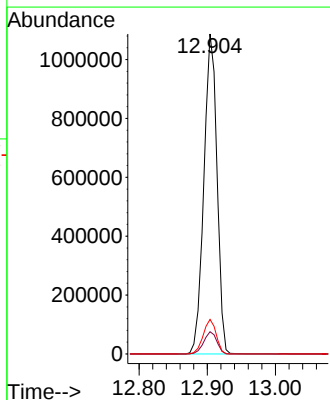
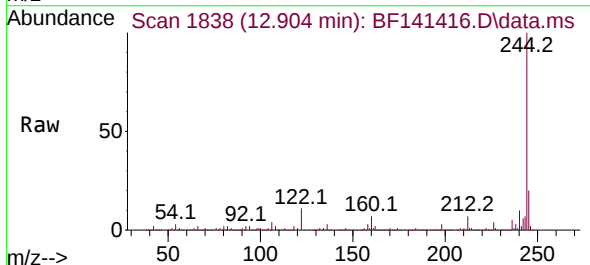
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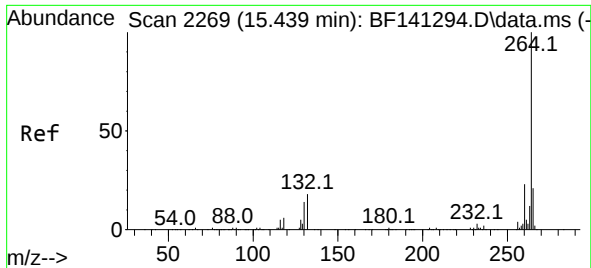
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#79
Terphenyl-d14
Concen: 80.541 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

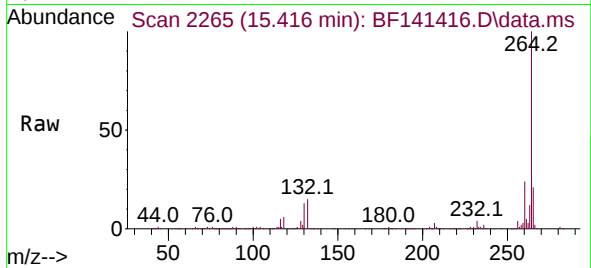
Tgt Ion:244 Resp: 1455130
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF141416.D
 Acq: 04 Feb 2025 18:41

Instrument :
 BNA_F
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 JPP-5.2-013025



Tgt Ion:264 Resp: 23158
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 21.4 16.7 25.1

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