

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140164.D
 Acq On : 30 Oct 2024 18:13
 Operator : RC/JU
 Sample : P4611-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 01 02:17:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83292	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	304057	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	145233	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	218616	20.000	ng	0.00
76) Chrysene-d12	14.080	240	180073	20.000	ng	0.03
86) Perylene-d12	15.615	264	183509	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	512296	96.287	ng	0.00
7) Phenol-d6	6.504	99	642204	93.196	ng	0.00
23) Nitrobenzene-d5	7.439	82	436683	79.599	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	126390	93.039	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	714243	81.278	ng	-0.01
79) Terphenyl-d14	13.010	244	594150	53.765	ng	0.01
Target Compounds						Qvalue
88) Benzo(b)fluoranthene	15.168	252	26664m	2.385	ng	

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

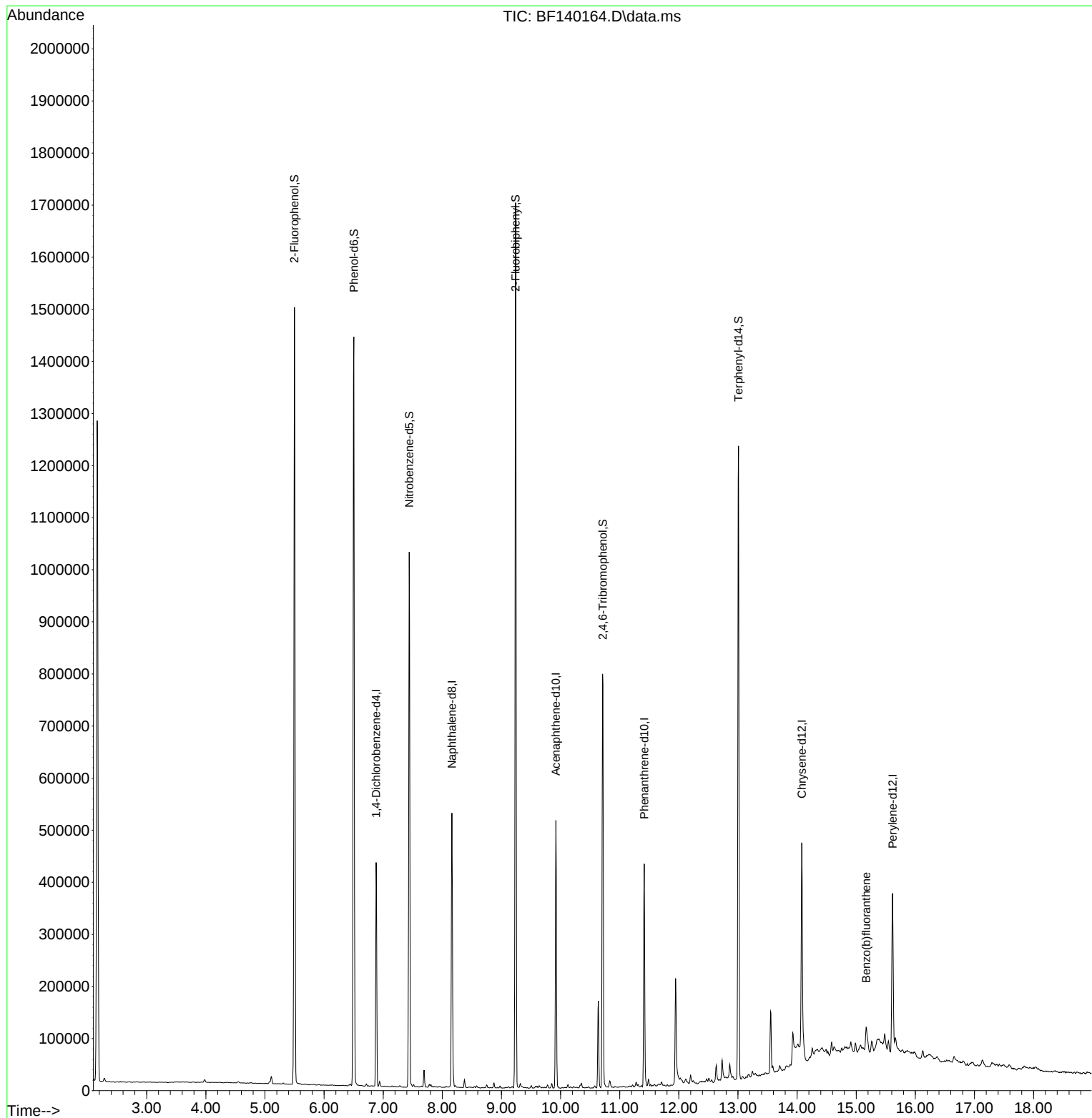
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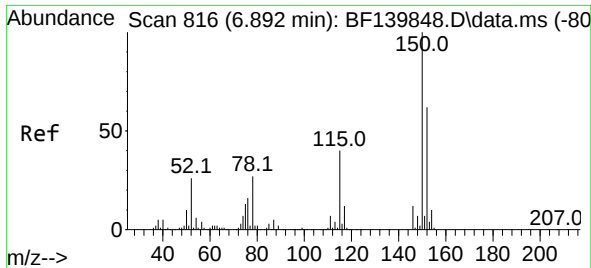
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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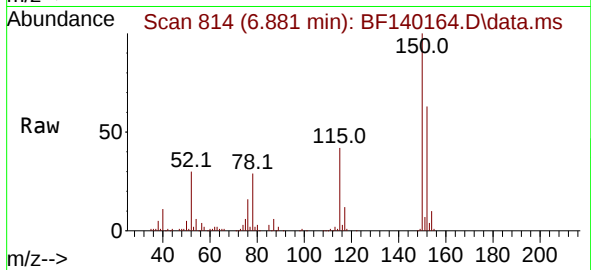
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13

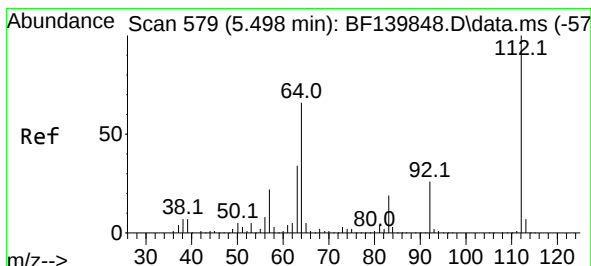
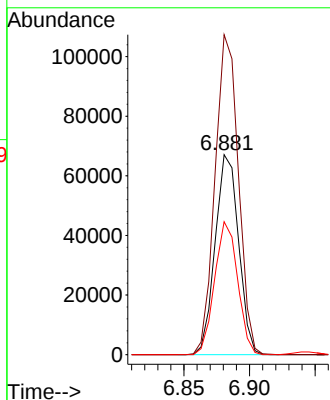
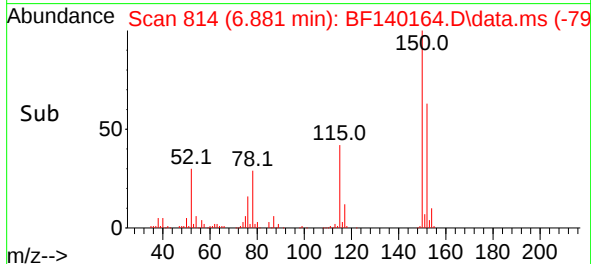
Instrument :
BNA_F
ClientSampleId :
TP-2



Tgt Ion:152 Resp: 83292
Ion Ratio Lower Upper
152 100
150 160.0 130.2 195.2
115 66.5 51.4 77.2

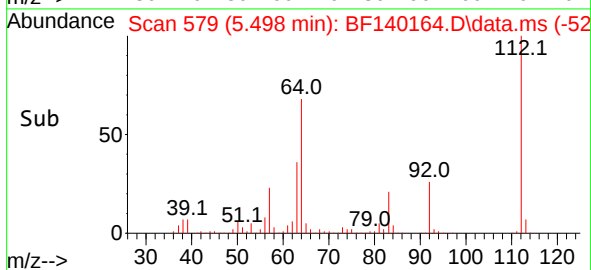
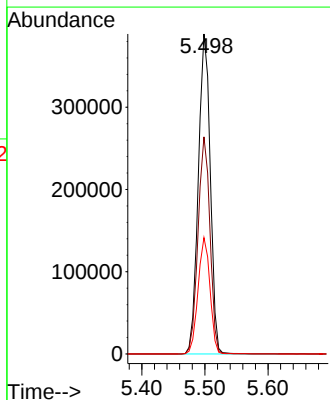
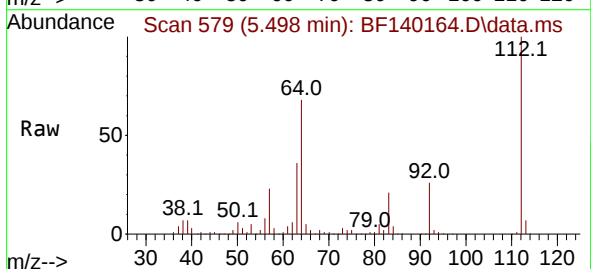
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#5
2-Fluorophenol
Concen: 96.287 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13

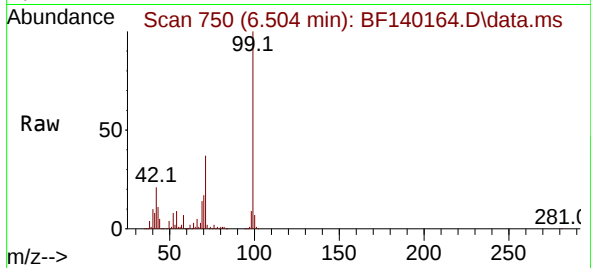
Tgt Ion:112 Resp: 512296
Ion Ratio Lower Upper
112 100
64 67.8 53.0 79.6
63 36.3 27.0 40.4





#7
Phenol-d6
Concen: 93.196 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13

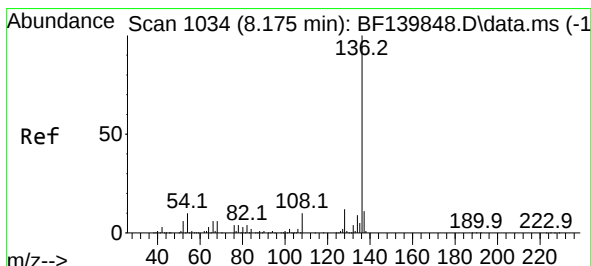
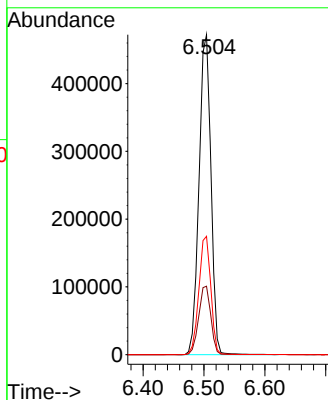
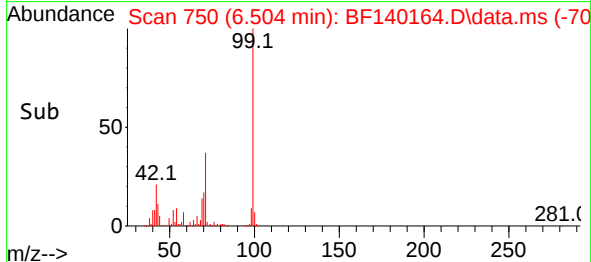
Instrument :
BNA_F
ClientSampleId :
TP-2



Tgt Ion: 99 Resp: 642204
Ion Ratio Lower Upper
99 100
42 21.4 16.7 25.1
71 37.0 27.7 41.5

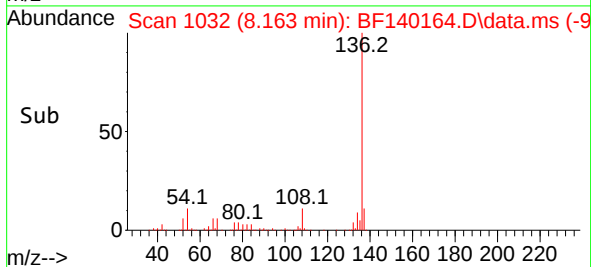
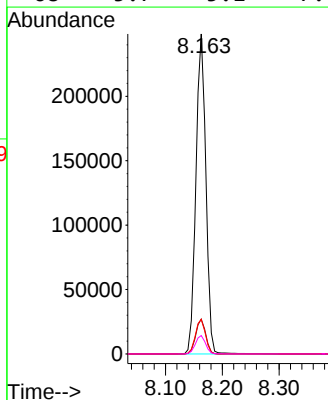
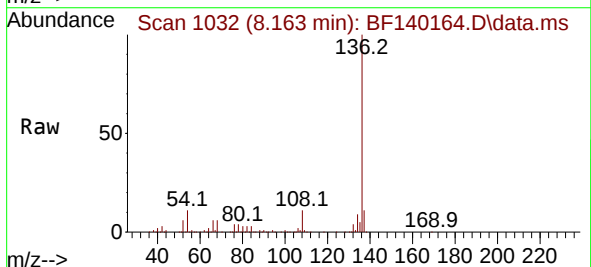
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Supervised By :mohammad ahmed 11/04/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13

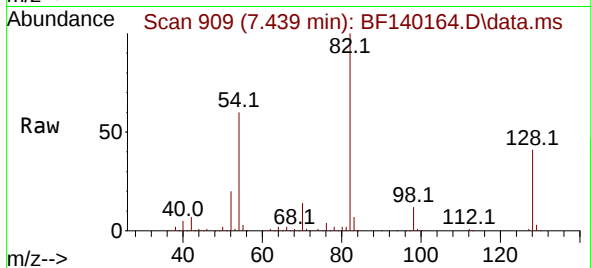
Tgt Ion:136 Resp: 304057
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.8 8.4 12.6
68 5.7 5.1 7.7





#23
Nitrobenzene-d5
Concen: 79.599 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13

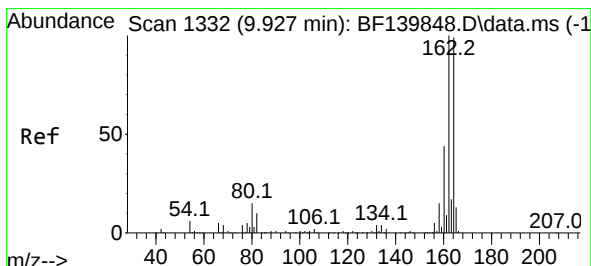
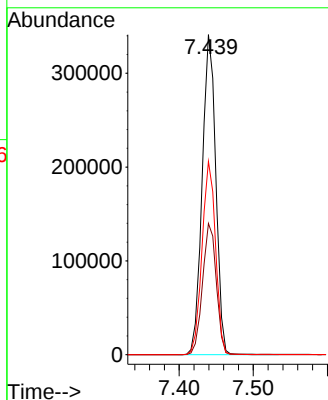
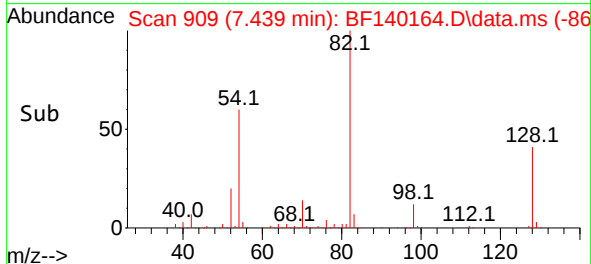
Instrument :
BNA_F
ClientSampleId :
TP-2



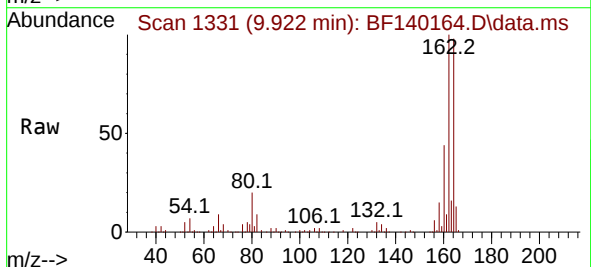
Tgt Ion: 82 Resp: 43668
Ion Ratio Lower Upper
82 100
128 41.0 33.4 50.0
54 60.4 47.8 71.8

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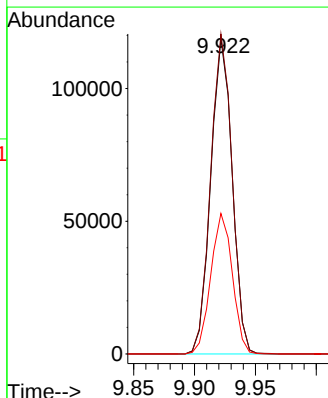
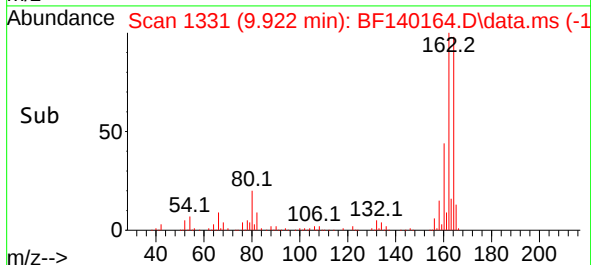
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13



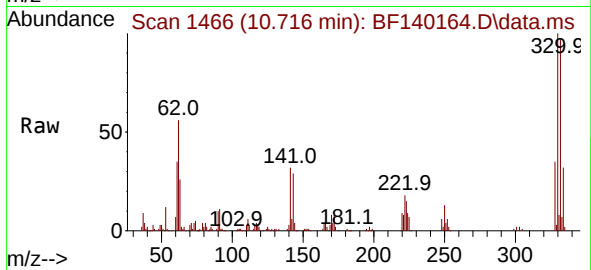
Tgt Ion:164 Resp: 145233
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.6 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 93.039 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13

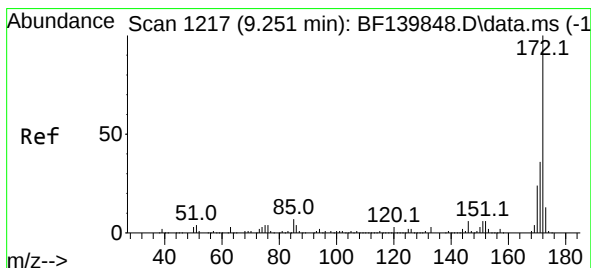
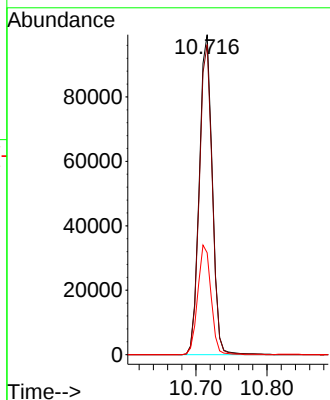
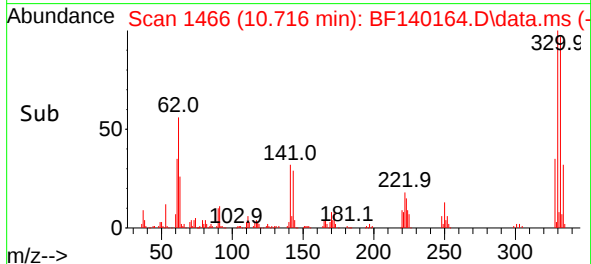
Instrument :
BNA_F
ClientSampleId :
TP-2



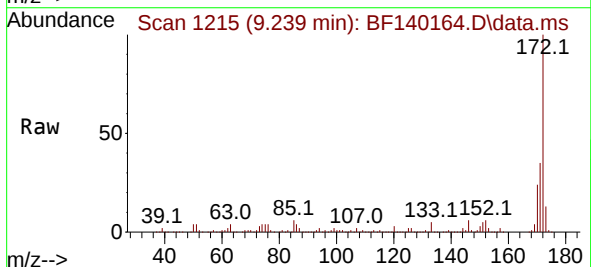
Tgt Ion: 330 Resp: 126390
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 35.0 26.6 39.8

Manual Integrations
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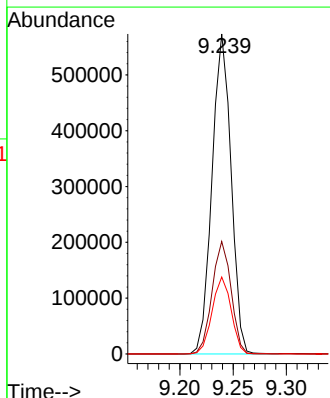
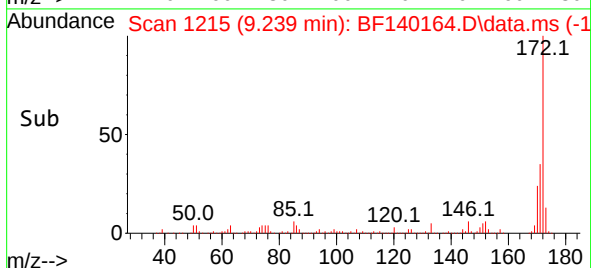
Reviewed By : Yogesh Patel 11/04/2024
Supervised By : mohammad ahmed 11/04/2024

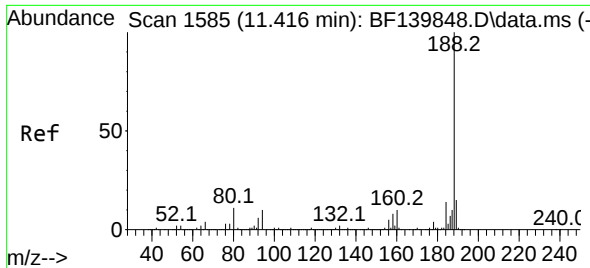


#45
2-Fluorobiphenyl
Concen: 81.278 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13



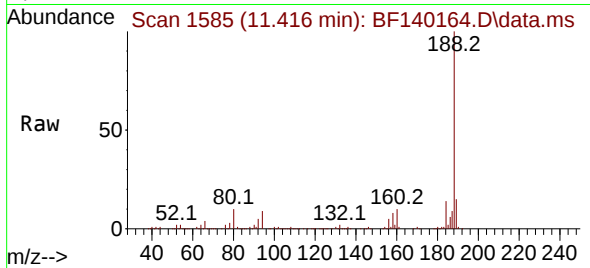
Tgt Ion: 172 Resp: 714243
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.1 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13

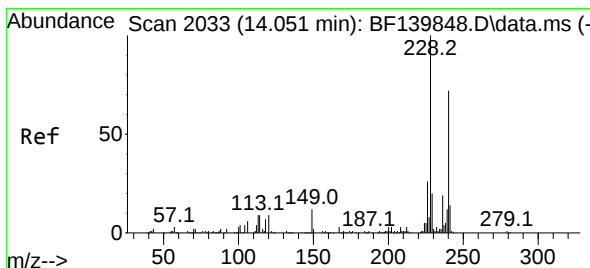
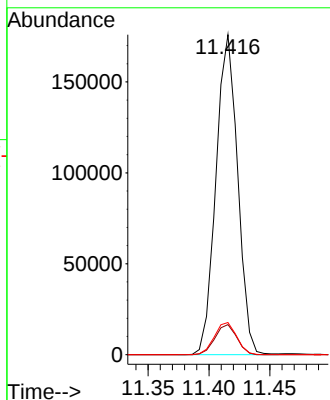
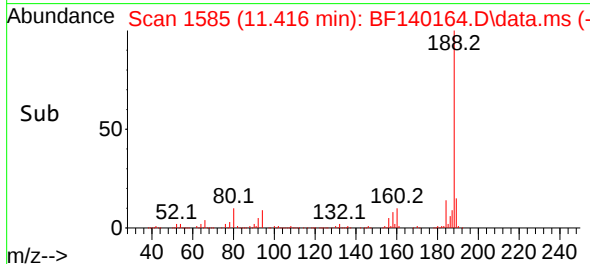
Instrument :
BNA_F
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TP-2



Tgt Ion:188 Resp: 218610
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.1 9.0 13.4

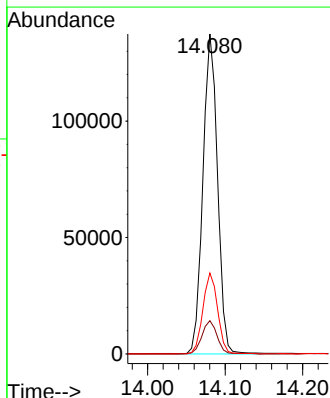
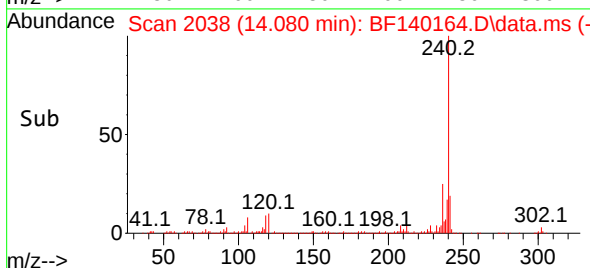
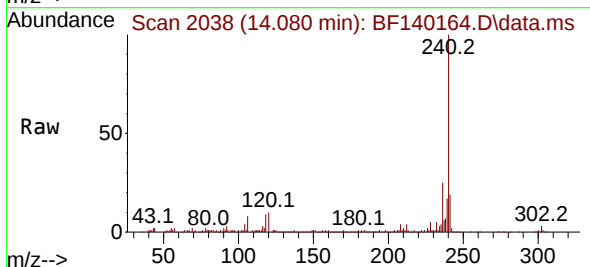
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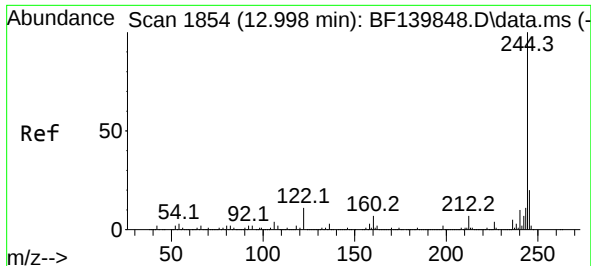
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.029 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13

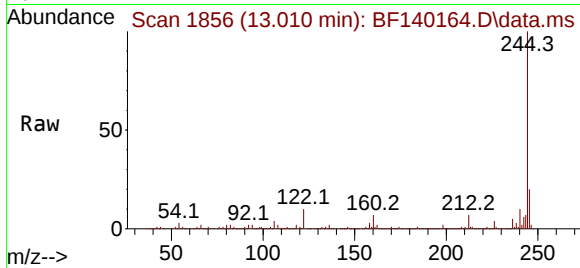
Tgt Ion:240 Resp: 180073
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 25.3 20.9 31.3





#79
 Terphenyl-d14
 Concen: 53.765 ng
 RT: 13.010 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF140164.D
 Acq: 30 Oct 2024 18:13

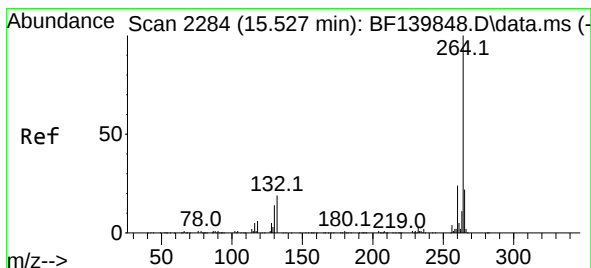
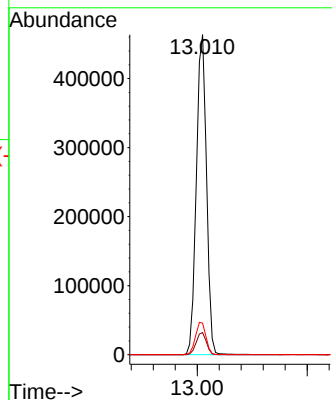
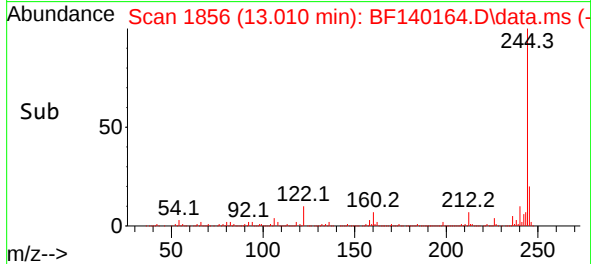
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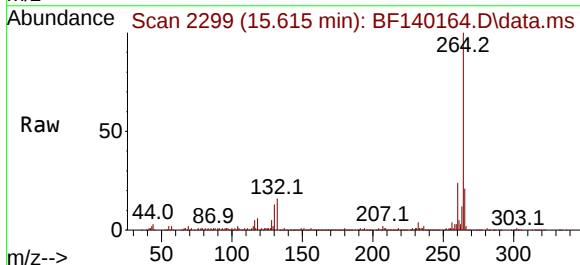
Tgt Ion:244 Resp: 594150
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.9 8.6 13.0

Manual Integrations
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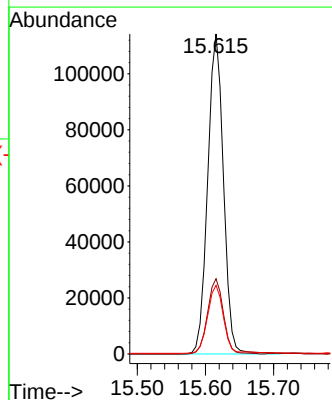
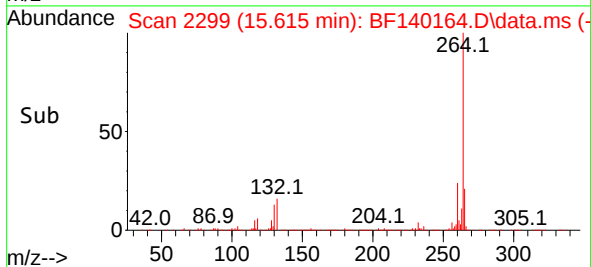
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 Supervised By :mohammad ahmed 11/04/2024

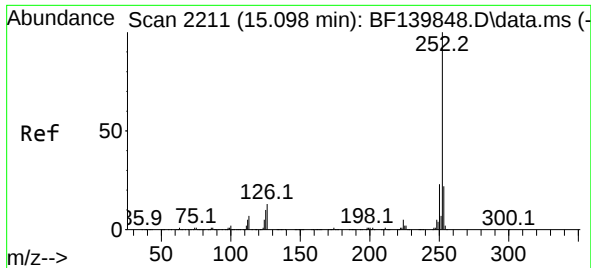


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2299
 Delta R.T. 0.088 min
 Lab File: BF140164.D
 Acq: 30 Oct 2024 18:13



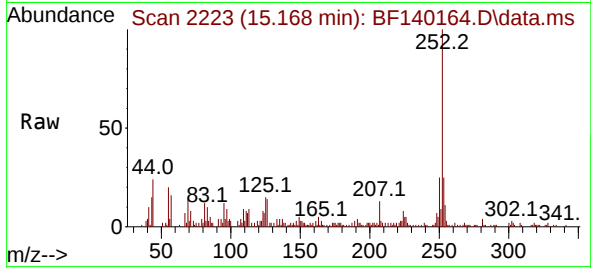
Tgt Ion:264 Resp: 183509
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.5 17.4 26.0





#88
Benzo(b)fluoranthene
Concen: 2.385 ng m
RT: 15.168 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF140164.D
Acq: 30 Oct 2024 18:13

Instrument :
BNA_F
ClientSampleId :
TP-2



Tgt Ion:252 Resp: 26664
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 14.8 7.9 11.9

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