

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137219.D
 Acq On : 31 Jan 2024 19:30
 Operator : CG\JU
 Sample : P1277-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-40

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 01:21:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	45833	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	168775	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	95610	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	175035	20.000	ng	0.00
76) Chrysene-d12	13.969	240	141300	20.000	ng	0.00
86) Perylene-d12	15.451	264	117328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	396129	142.614	ng	0.02
7) Phenol-d6	6.428	99	460807	116.250	ng	0.00
23) Nitrobenzene-d5	7.351	82	362514	96.166	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	150892	139.744	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	650201	93.485	ng	0.00
79) Terphenyl-d14	12.922	244	819136	78.809	ng	0.00
Target Compounds						
77) Benzidine	12.686	184	7121m	2.814	ng	Qvalue

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

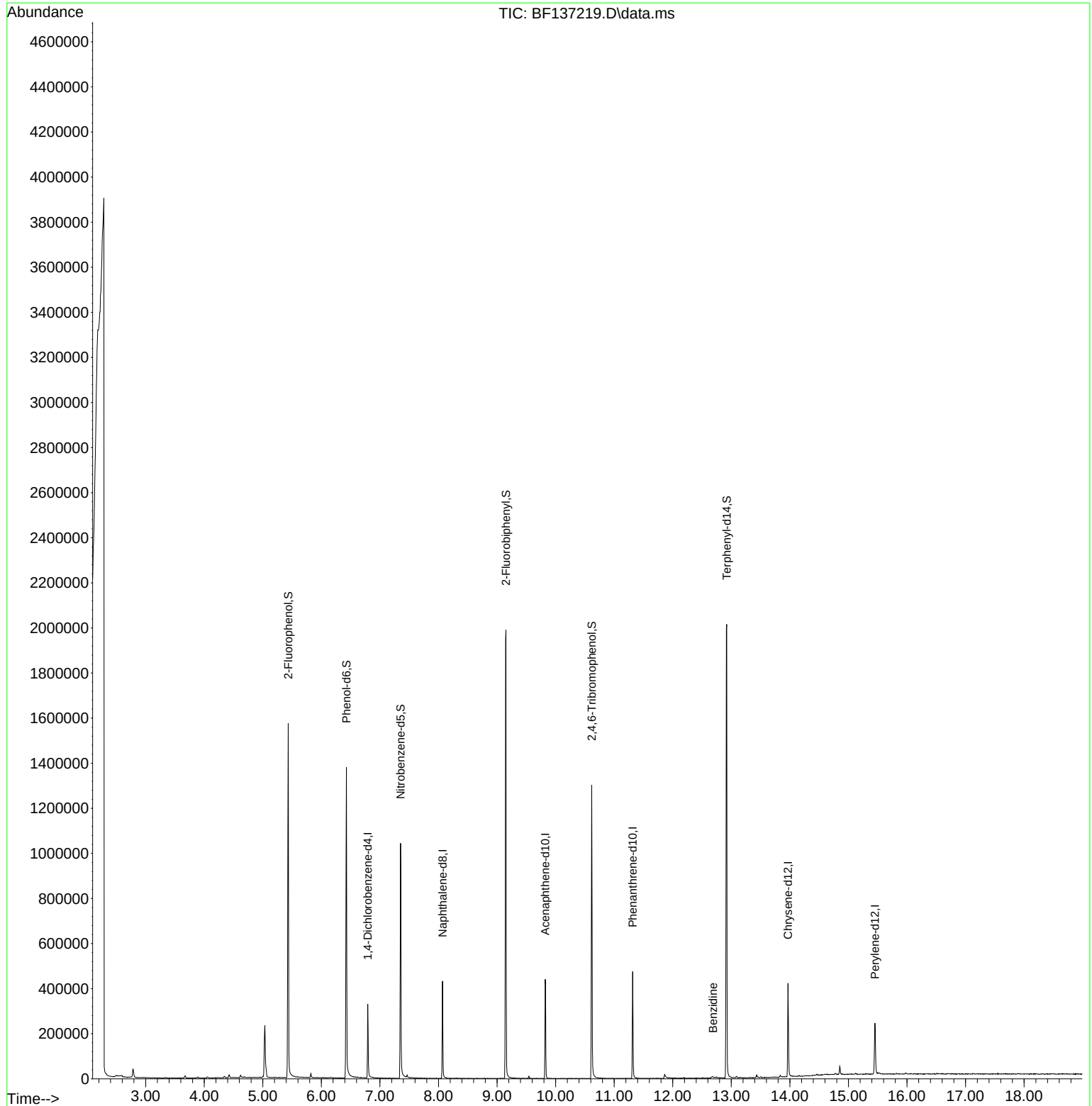
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137219.D
Acq On : 31 Jan 2024 19:30
Operator : CG\JU
Sample : P1277-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

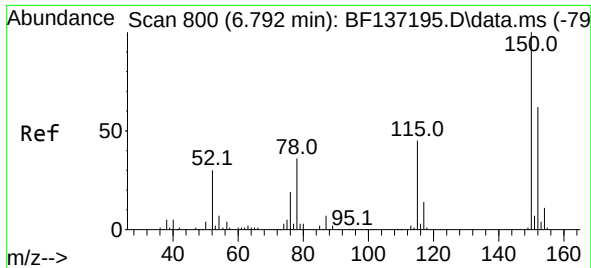
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Quant Time: Feb 01 01:21:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
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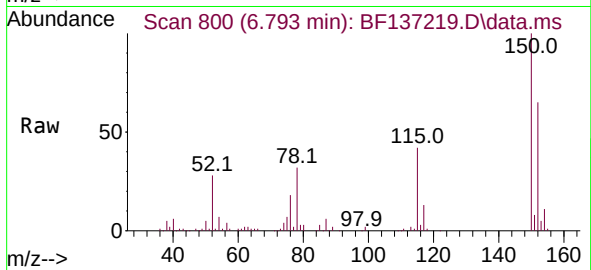
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

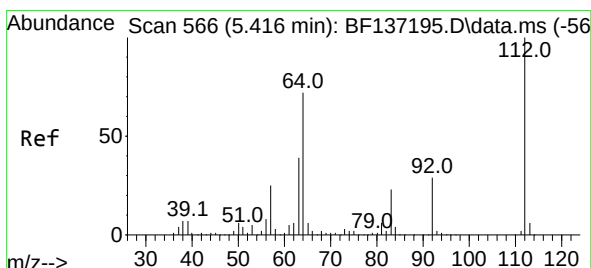
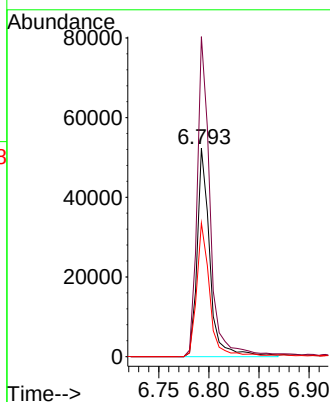
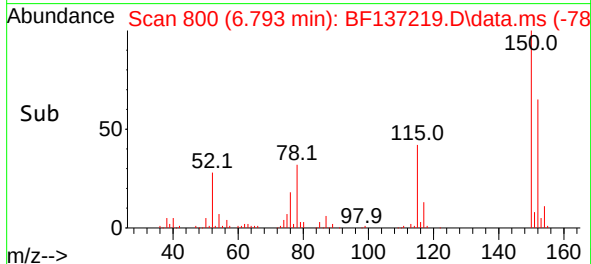
Instrument :
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ClientSampleId :
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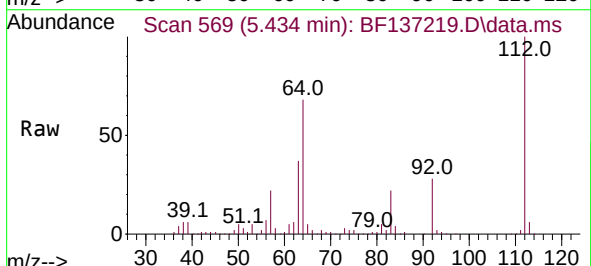
Tgt Ion:152 Resp: 45833
Ion Ratio Lower Upper
152 100
150 153.7 129.8 194.8
115 64.1 58.5 87.7

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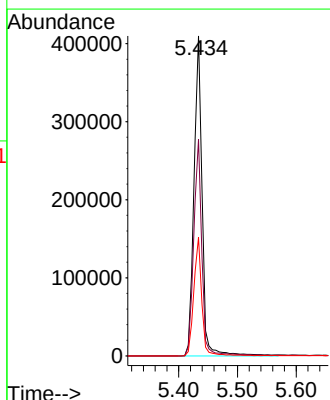
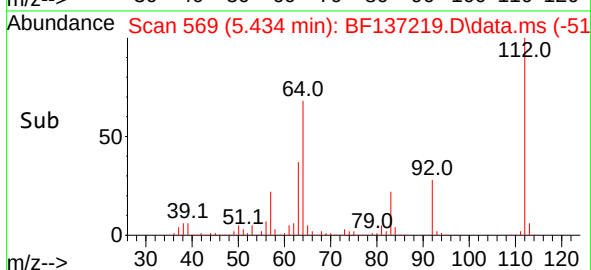
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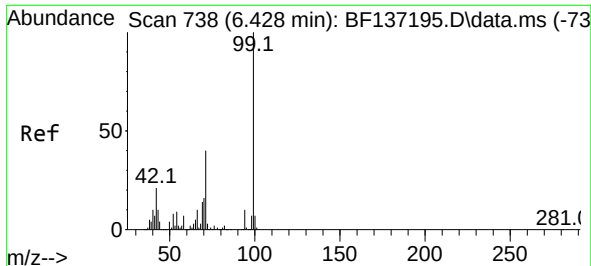


#5
2-Fluorophenol
Concen: 142.614 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30



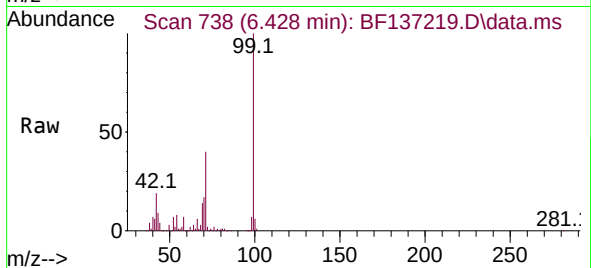
Tgt Ion:112 Resp: 396129
Ion Ratio Lower Upper
112 100
64 67.7 57.8 86.6
63 37.0 31.4 47.0





#7
Phenol-d6
Concen: 116.250 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

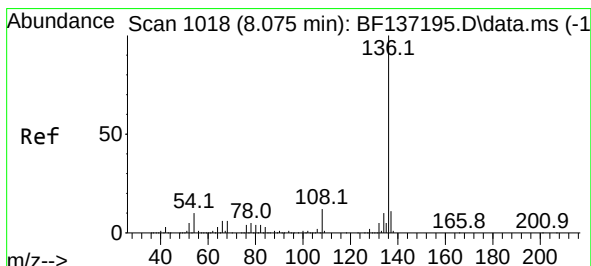
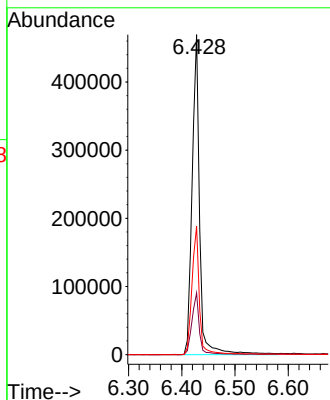
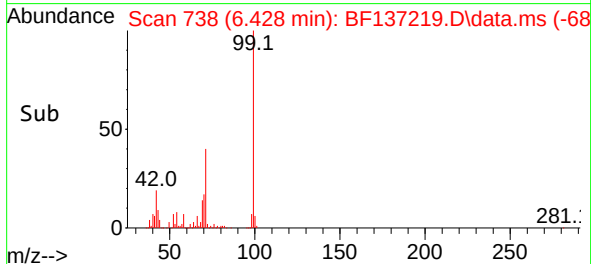
Instrument :
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ClientSampleId :
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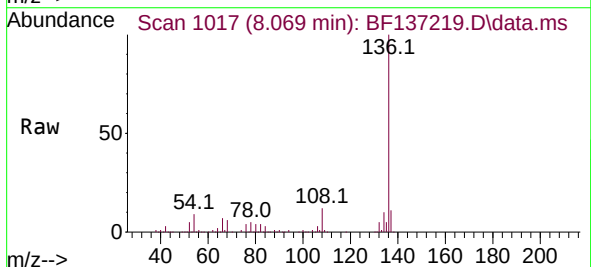
Tgt Ion: 99 Resp: 460807
Ion Ratio Lower Upper
99 100
42 19.3 16.4 24.6
71 40.1 32.4 48.6

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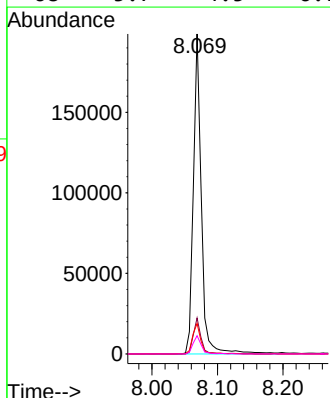
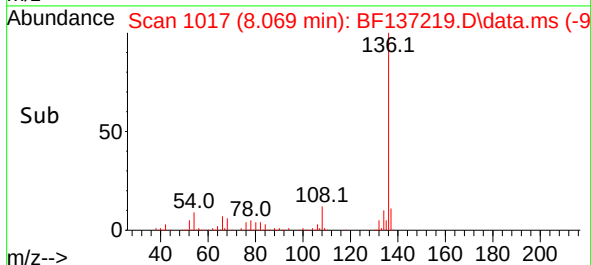
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

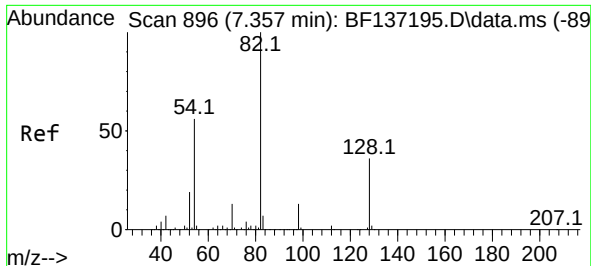


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30



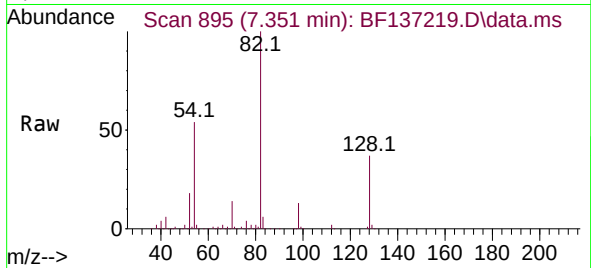
Tgt Ion:136 Resp: 168775
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.5 7.8 11.8
68 5.7 4.5 6.7





#23
Nitrobenzene-d5
Concen: 96.166 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

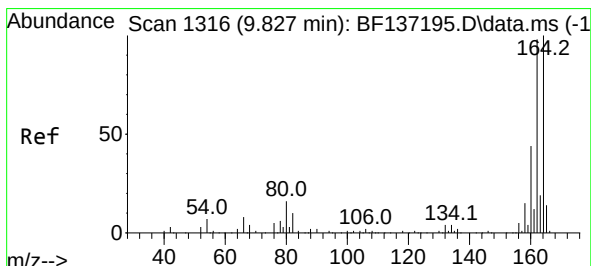
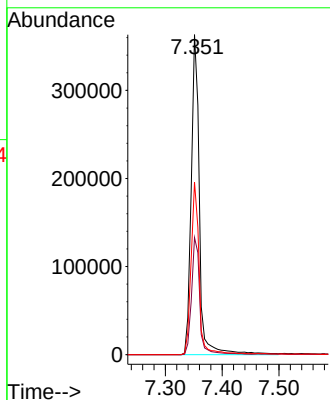
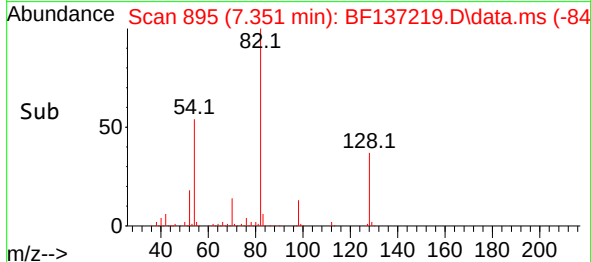
Instrument :
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ClientSampleId :
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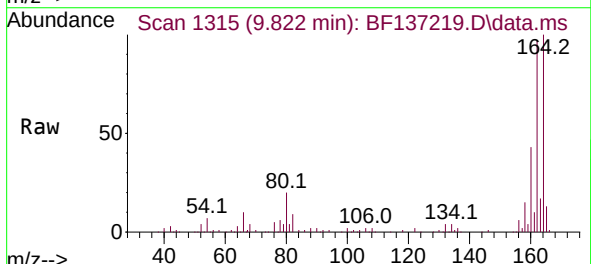
Tgt Ion: 82 Resp: 362514
Ion Ratio Lower Upper
82 100
128 36.6 29.1 43.7
54 53.9 45.0 67.6

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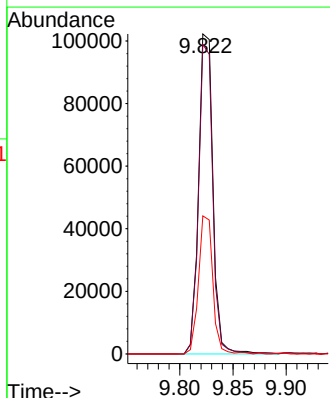
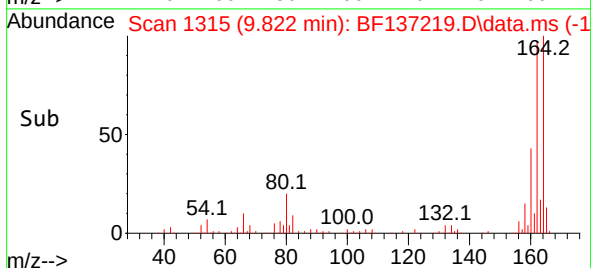
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

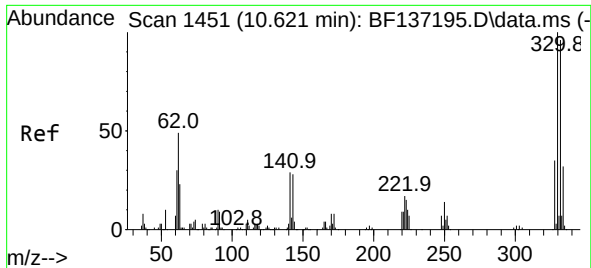


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30



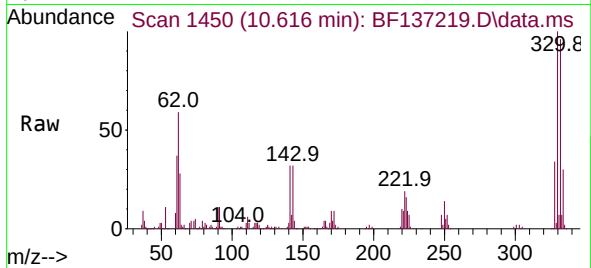
Tgt Ion:164 Resp: 95610
Ion Ratio Lower Upper
164 100
162 96.7 78.3 117.5
160 43.1 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 139.744 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

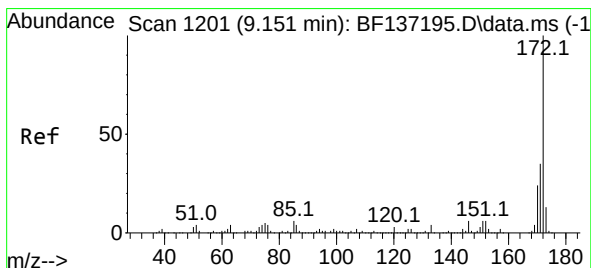
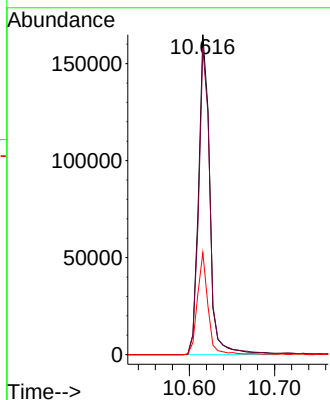
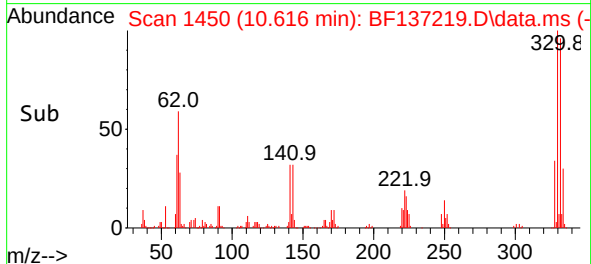
Instrument :
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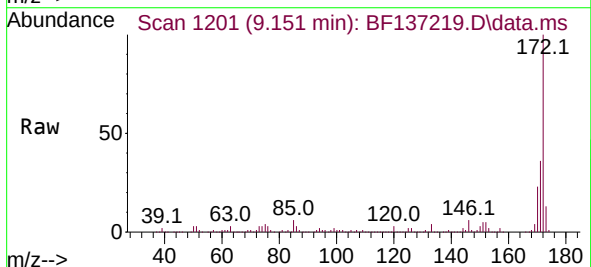
Tgt Ion: 330 Resp: 150892
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.2 25.2 37.8

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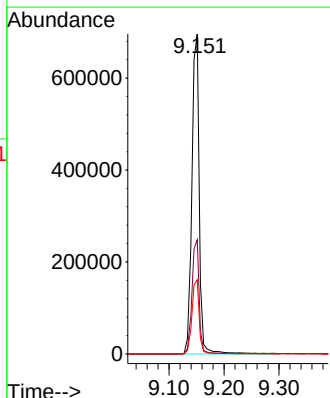
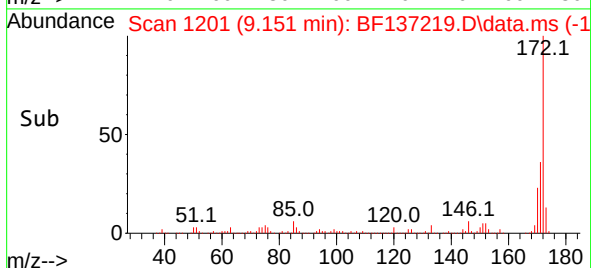
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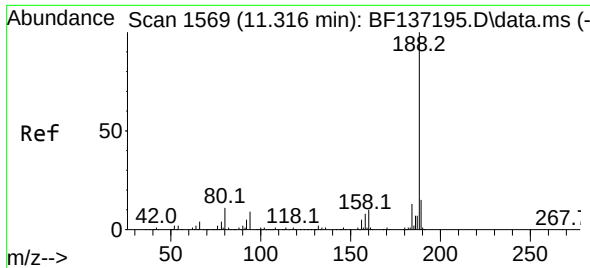


#45
2-Fluorobiphenyl
Concen: 93.485 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30



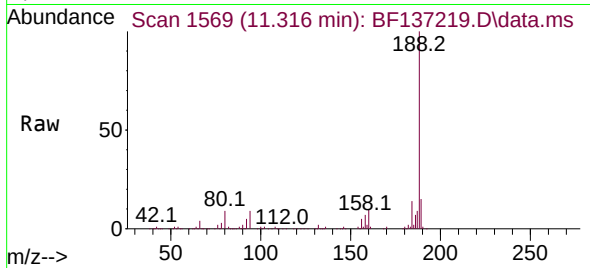
Tgt Ion: 172 Resp: 650201
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.2 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

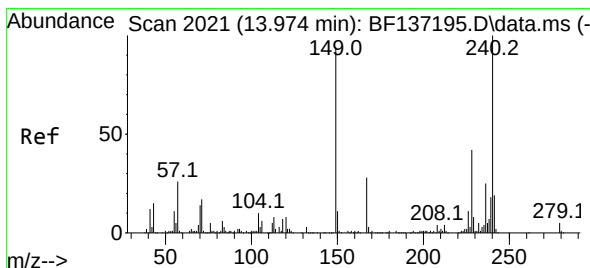
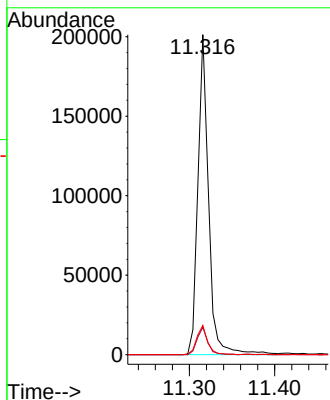
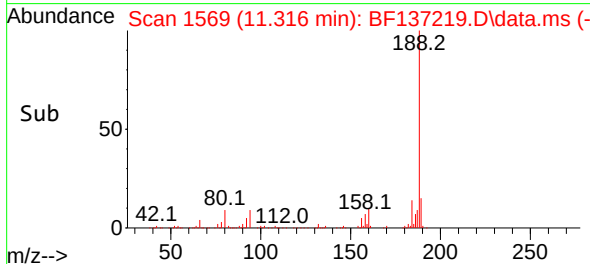
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BNA_F
ClientSampleId :
TP-40



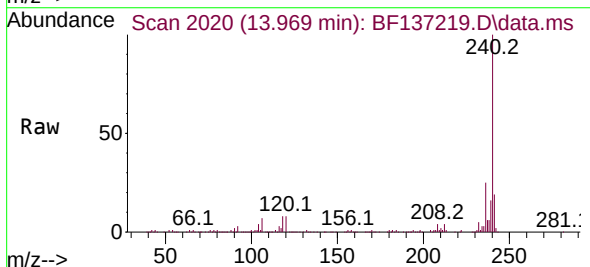
Tgt Ion:188 Resp: 175035
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.1 8.8 13.2

Manual Integrations
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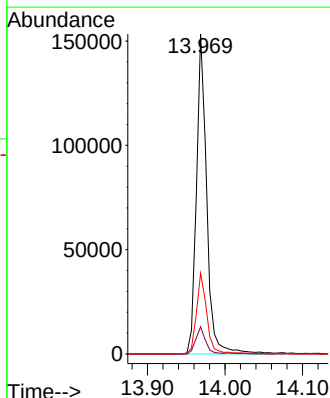
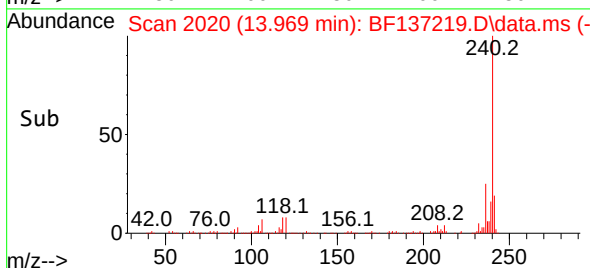
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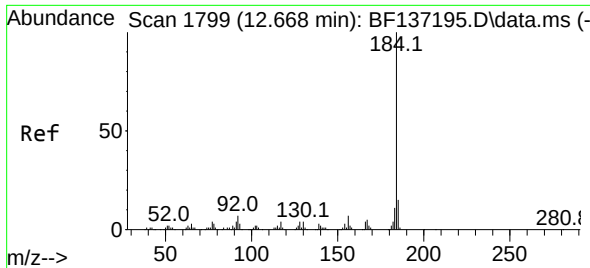


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30



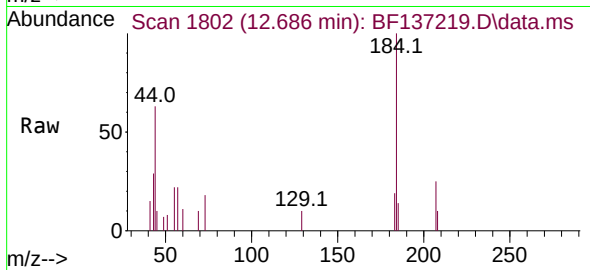
Tgt Ion:240 Resp: 141300
Ion Ratio Lower Upper
240 100
120 8.5 6.3 9.5
236 25.2 20.3 30.5





#77
Benzidine
Concen: 2.814 ng m
RT: 12.686 min Scan# 1802
Delta R.T. 0.018 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

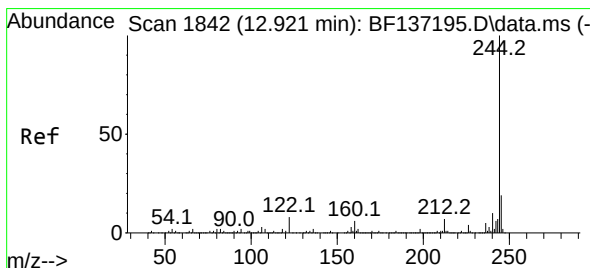
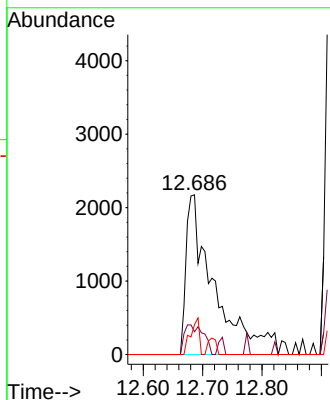
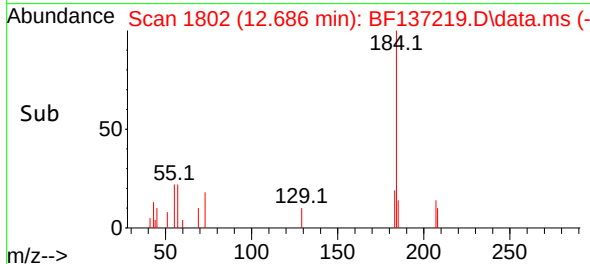
Instrument :
BNA_F
ClientSampleId :
TP-40



Tgt Ion:184 Resp: 712
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 18.8 8.8 13.2

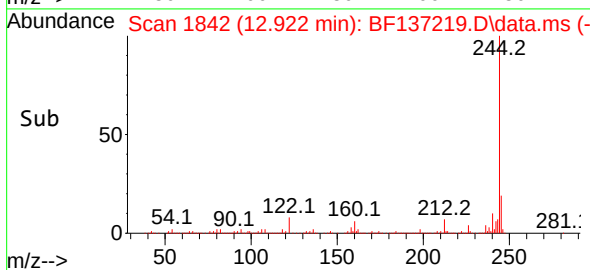
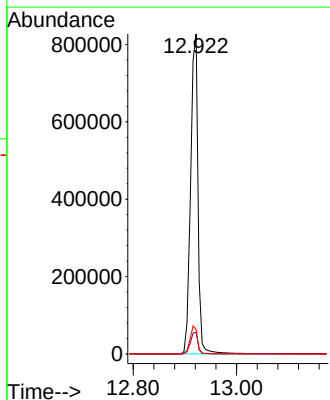
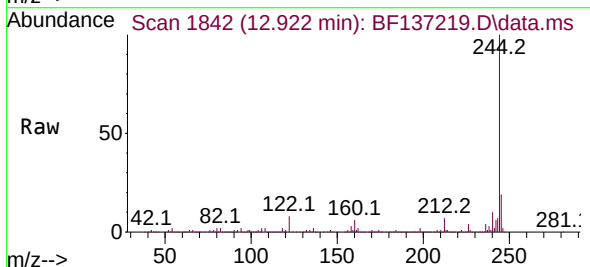
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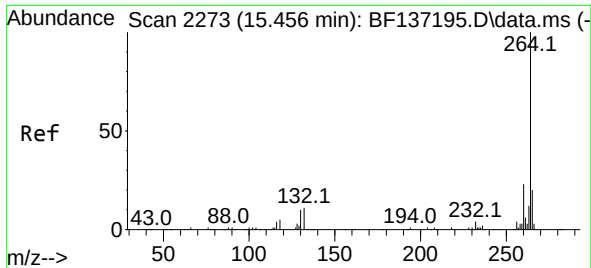
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#79
Terphenyl-d14
Concen: 78.809 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF137219.D
Acq: 31 Jan 2024 19:30

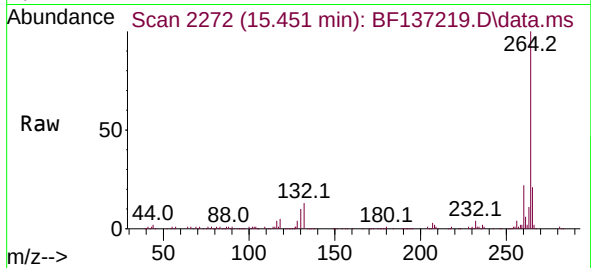
Tgt Ion:244 Resp: 819136
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 7.6 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137219.D
 Acq: 31 Jan 2024 19:30

Instrument :
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Tgt Ion:264 Resp: 117328
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.2 27.4
 265 21.3 16.2 24.2

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