

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141951.D
 Acq On : 13 Mar 2025 20:10
 Operator : RC/JU
 Sample : Q1547-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-02

Quant Time: Mar 14 10:40:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	169785	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	672608	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	391126	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	701302	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	403778	20.000	ng	-0.01
86) Perylene-d12	15.498	264	366915	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1455596	143.083	ng	0.02
7) Phenol-d6	6.498	99	1655739	127.831	ng	0.00
23) Nitrobenzene-d5	7.440	82	1302918	109.013	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	911372	183.672	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2733900	106.302	ng	0.00
79) Terphenyl-d14	12.980	244	3360141	123.033	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.851	122	18822m	2.667	ng	
50) Dimethylphthalate	9.622	163	59044	2.156	ng	98
77) Benzidine	12.727	184	53665	9.526	ng	99

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

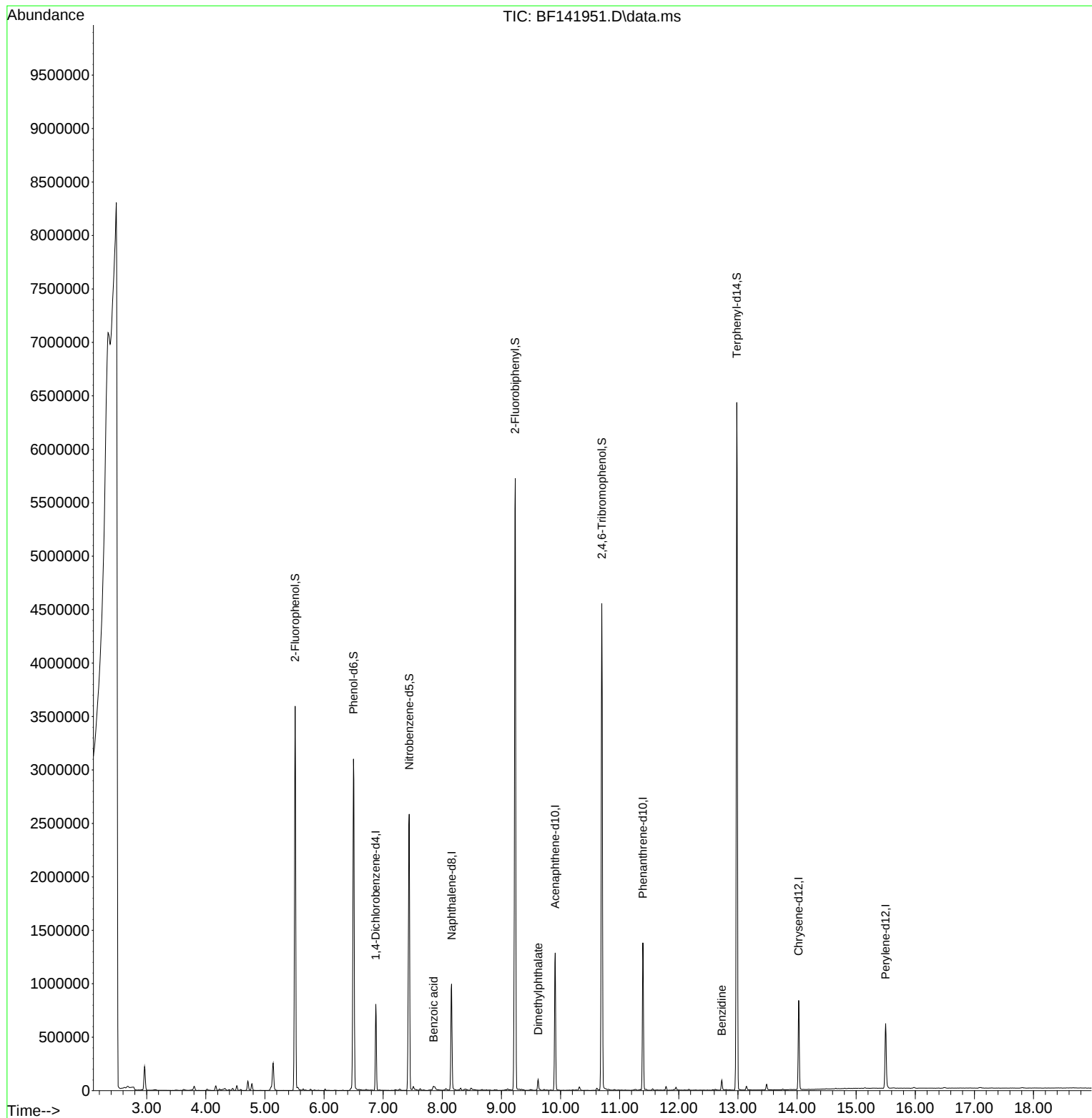
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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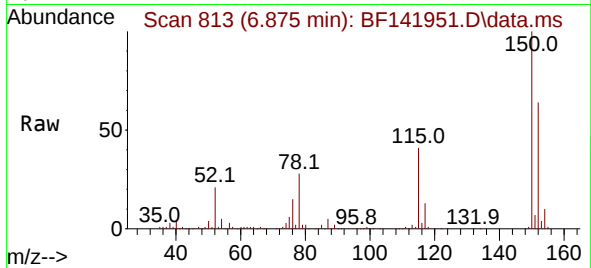
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

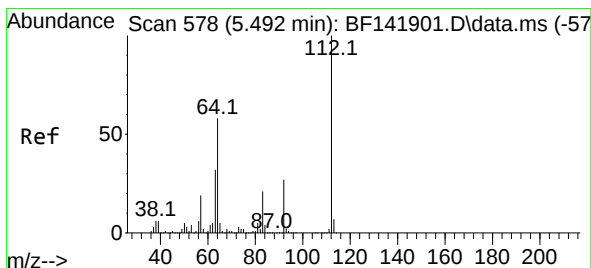
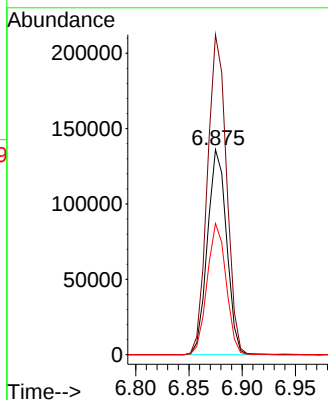
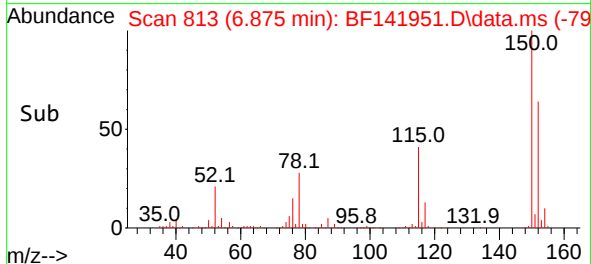
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02



Tgt Ion:152 Resp: 169785
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 63.9 51.9 77.9

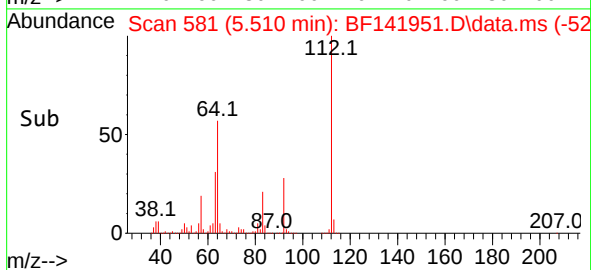
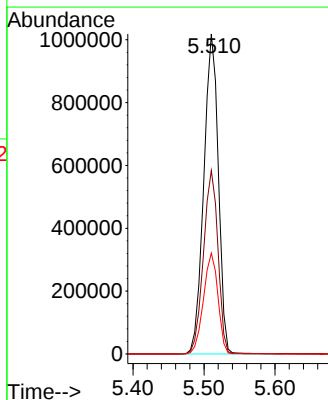
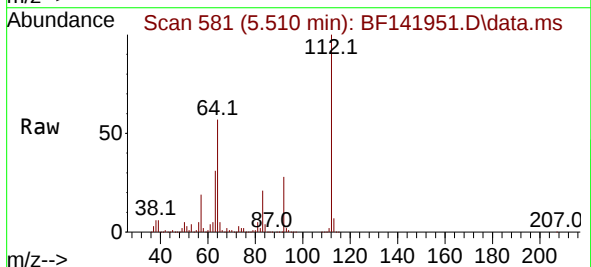
Manual Integrations
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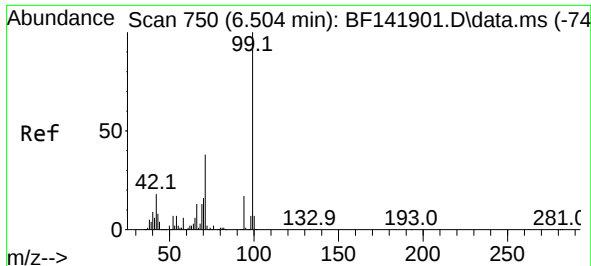
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#5
2-Fluorophenol
Concen: 143.083 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

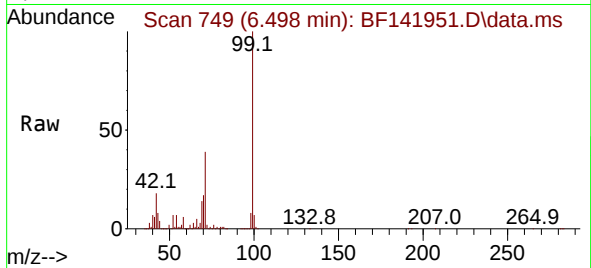
Tgt Ion:112 Resp: 1455596
Ion Ratio Lower Upper
112 100
64 57.3 46.5 69.7
63 31.5 25.4 38.2





#7
Phenol-d6
Concen: 127.831 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

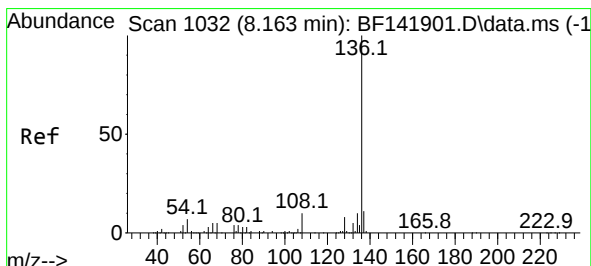
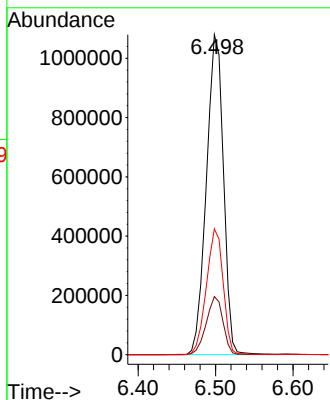
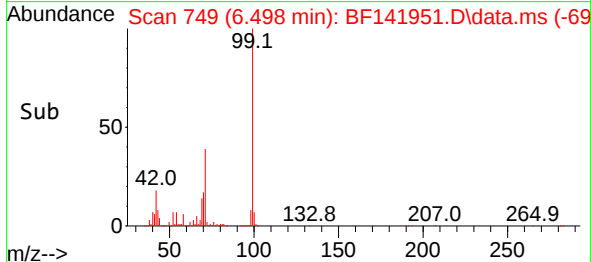
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02



Tgt Ion: 99 Resp: 1655739
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 39.3 30.8 46.2

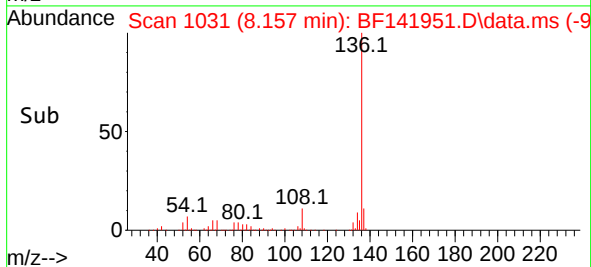
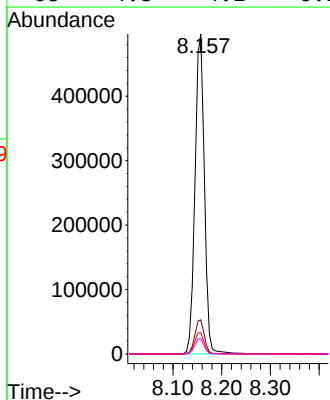
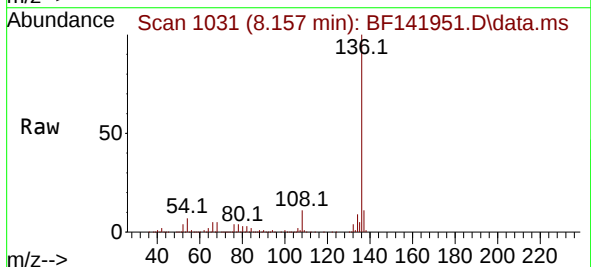
Manual Integrations
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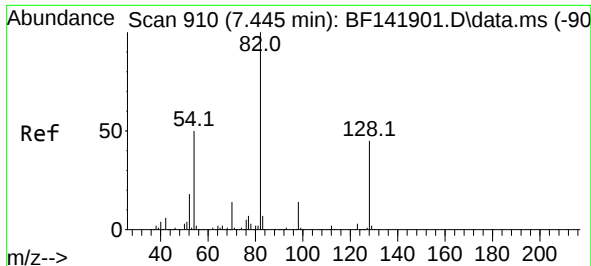
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

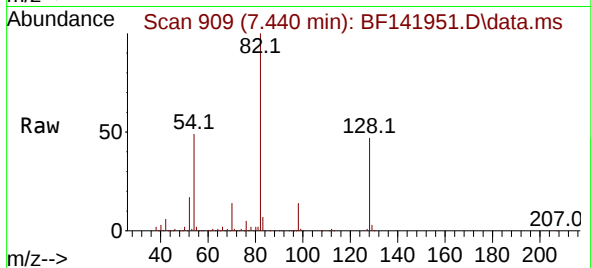
Tgt Ion:136 Resp: 672608
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.8 8.8
68 4.8 4.1 6.1





#23
Nitrobenzene-d5
Concen: 109.013 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

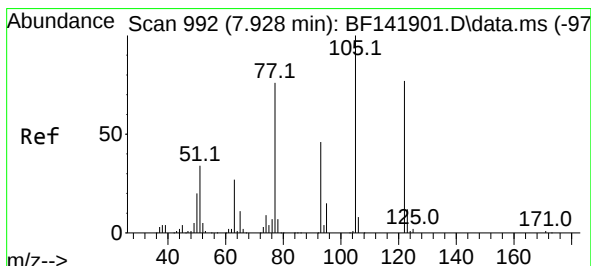
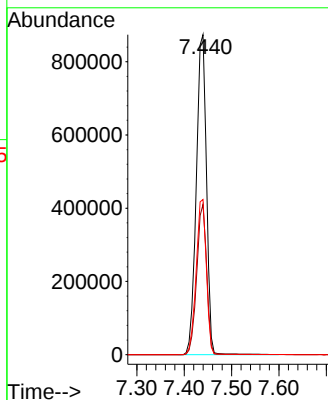
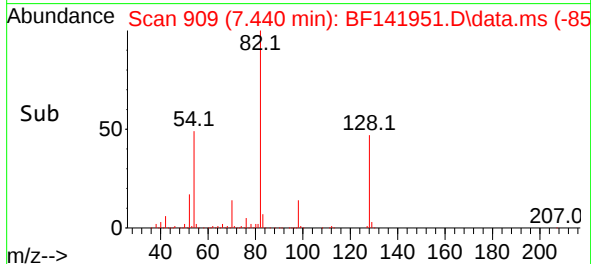
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02



Tgt Ion: 82 Resp: 1302918
Ion Ratio Lower Upper
82 100
128 47.0 36.0 54.0
54 48.5 39.6 59.4

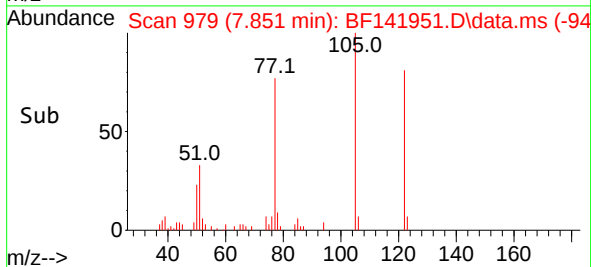
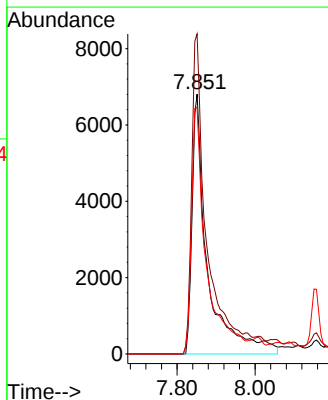
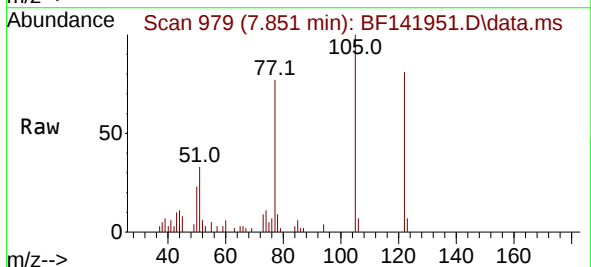
Manual Integrations
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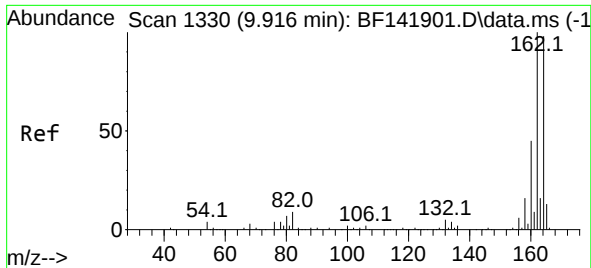
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#32
Benzoic acid
Concen: 2.667 ng m
RT: 7.851 min Scan# 979
Delta R.T. -0.077 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

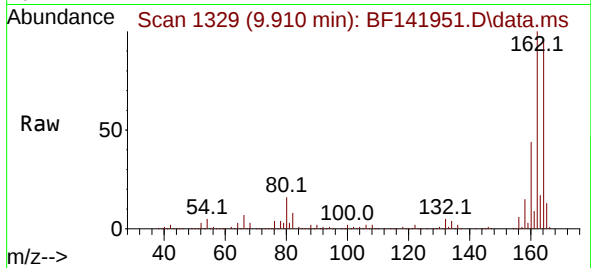
Tgt Ion:122 Resp: 18822
Ion Ratio Lower Upper
122 100
105 123.2 107.9 147.9
77 94.9 79.0 119.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

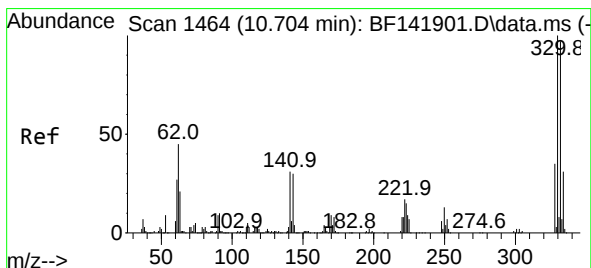
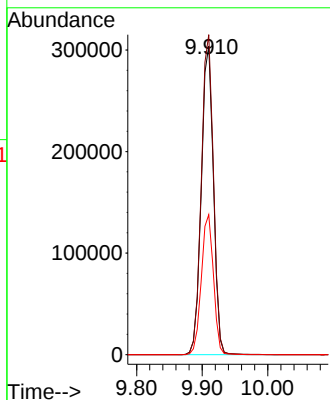
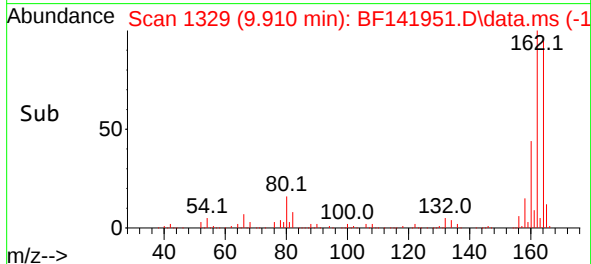
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ClientSampleId :
OR-620-JB-COMP-02



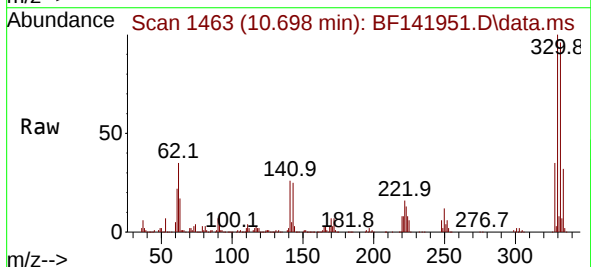
Tgt Ion:164 Resp: 391120
Ion Ratio Lower Upper
164 100
162 103.7 81.8 122.6
160 45.4 36.7 55.1

Manual Integrations
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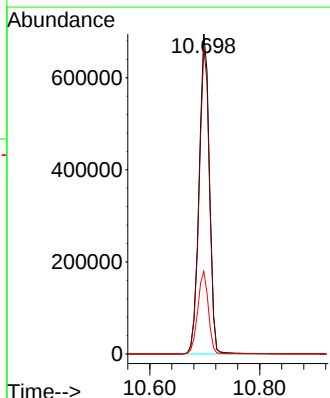
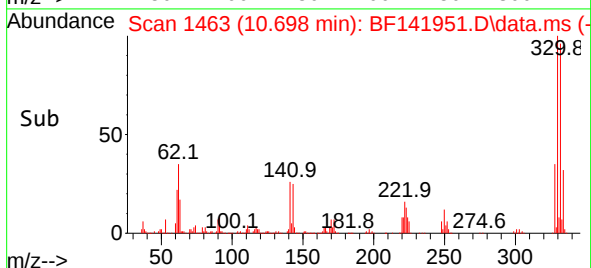
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

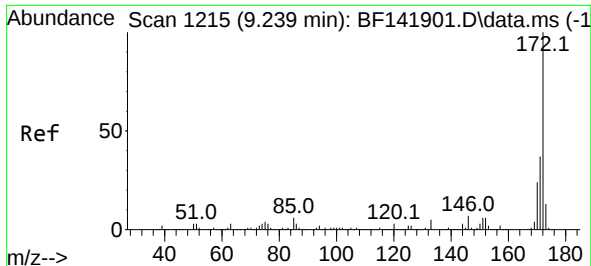


#42
2,4,6-Tribromophenol
Concen: 183.672 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10



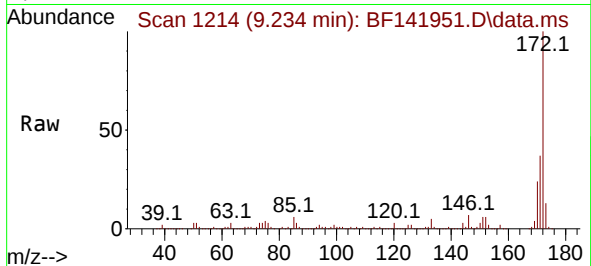
Tgt Ion:330 Resp: 911372
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 26.4 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 106.302 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

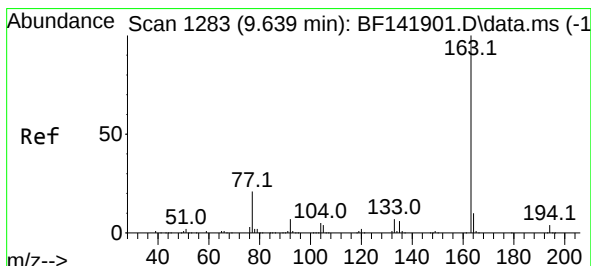
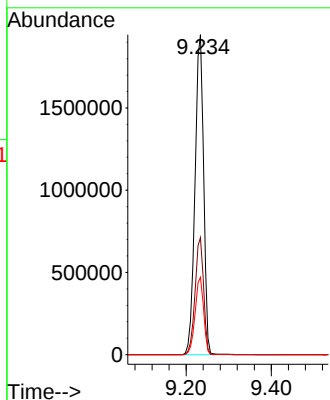
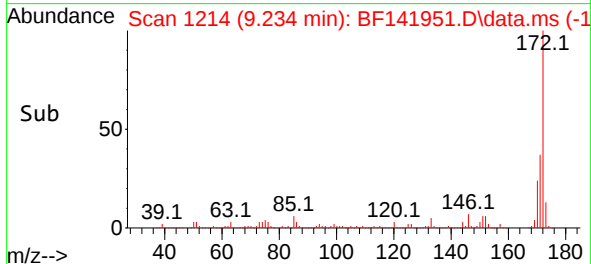
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02



Tgt Ion:172 Resp: 2733900
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.2 19.4 29.0

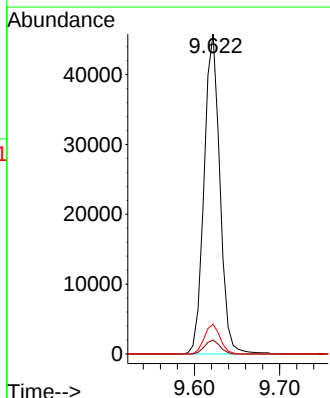
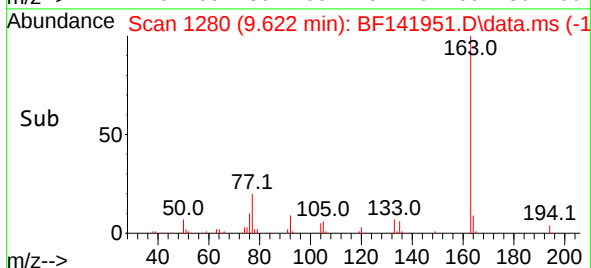
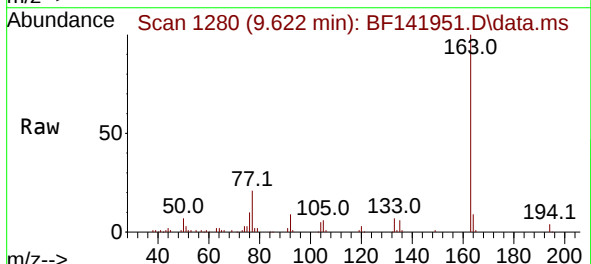
Manual Integrations
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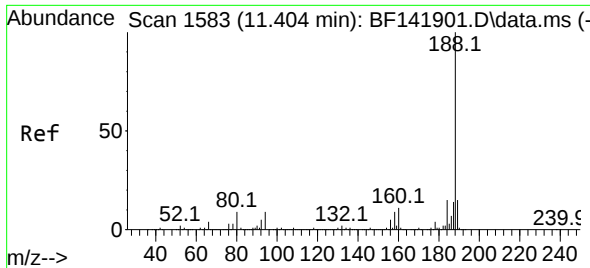
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#50
Dimethylphthalate
Concen: 2.156 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

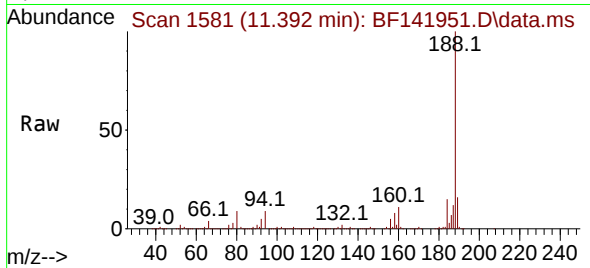
Tgt Ion:163 Resp: 59044
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 9.3 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

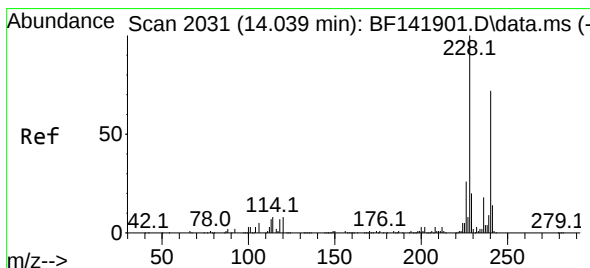
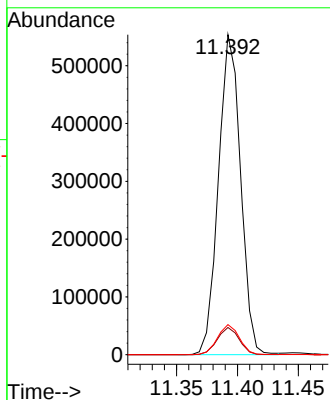
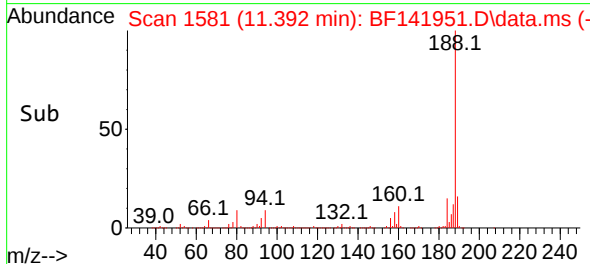
Instrument :
BNA_F
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OR-620-JB-COMP-02



Tgt Ion:188 Resp: 701302
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.4 7.6 11.4

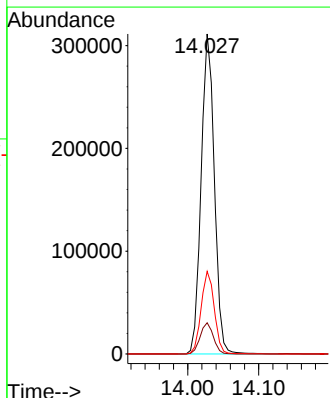
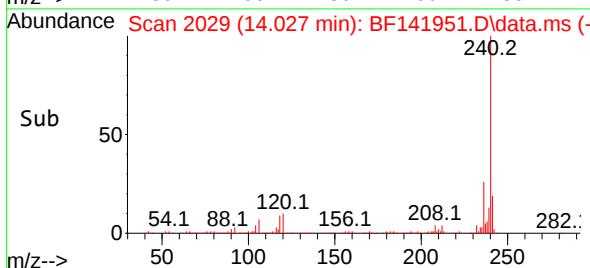
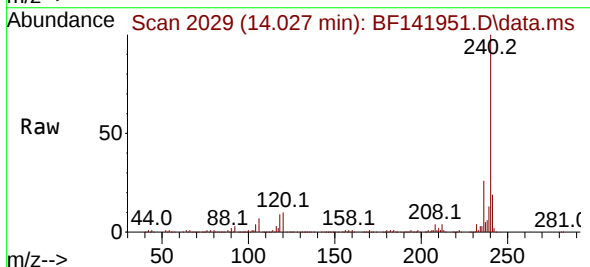
Manual Integrations
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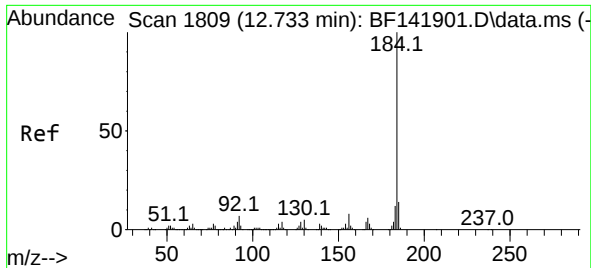
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

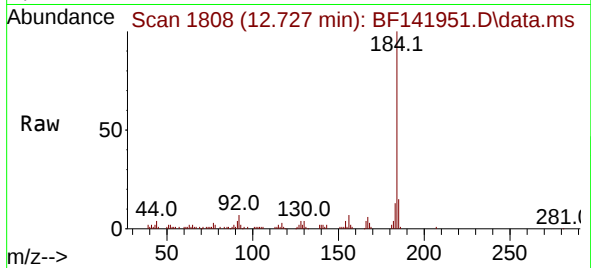
Tgt Ion:240 Resp: 403778
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.8 20.5 30.7





#77
Benzidine
Concen: 9.526 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

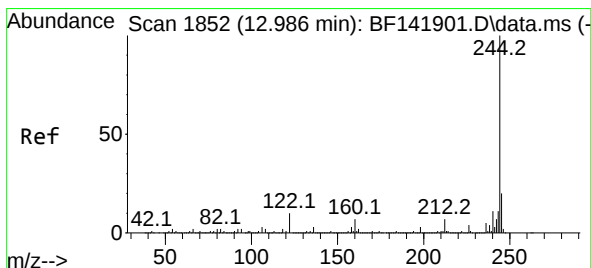
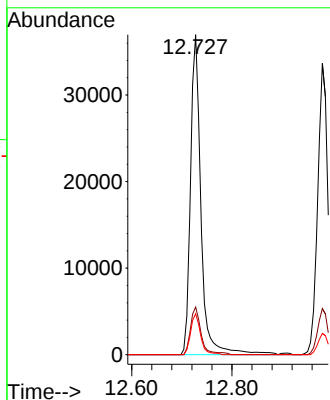
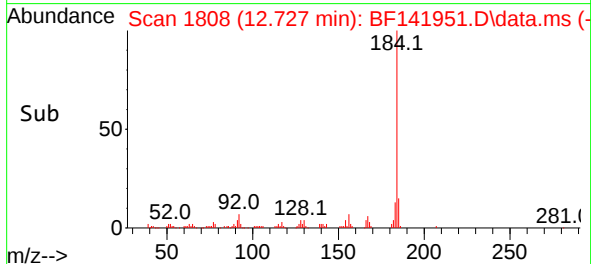
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02



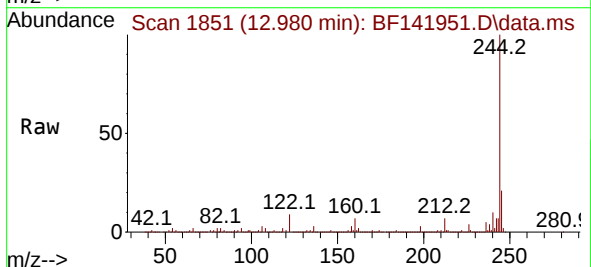
Tgt Ion:184 Resp: 5366
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 12.8 9.7 14.5

Manual Integrations
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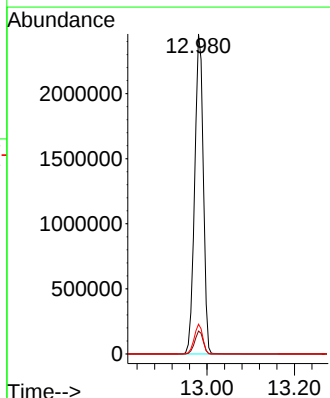
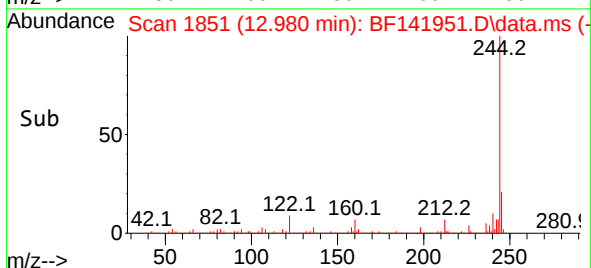
Reviewed By :Anahy Claudio 03/14/2025
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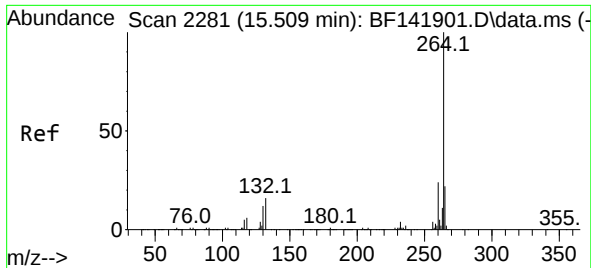


#79
Terphenyl-d14
Concen: 123.033 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10



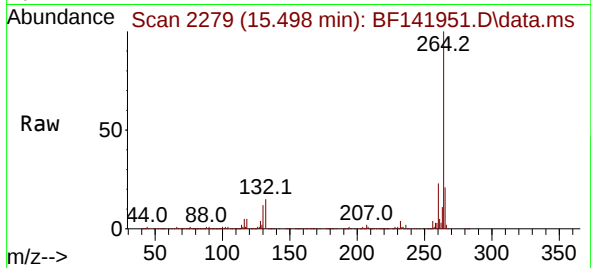
Tgt Ion:244 Resp: 3360141
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.3 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141951.D
 Acq: 13 Mar 2025 20:10

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-02



Tgt Ion:264 Resp: 366915
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.1 17.5 26.3

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

