

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142089.D
 Acq On : 25 Mar 2025 20:36
 Operator : RC/JU
 Sample : Q1632-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIER-1-2

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

Quant Time: Mar 25 21:51:57 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	159786	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	622502	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	356409	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	592183	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	271718	20.000	ng	0.00
86) Perylene-d12	15.504	264	194164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1179604	123.209	ng	0.02
7) Phenol-d6	6.498	99	1302491	106.851	ng	0.00
23) Nitrobenzene-d5	7.434	82	1090039	98.543	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	682477	150.940	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2313577	98.721	ng	-0.01
79) Terphenyl-d14	12.980	244	2409306	131.094	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.875	122	60733m	9.297	ng	

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

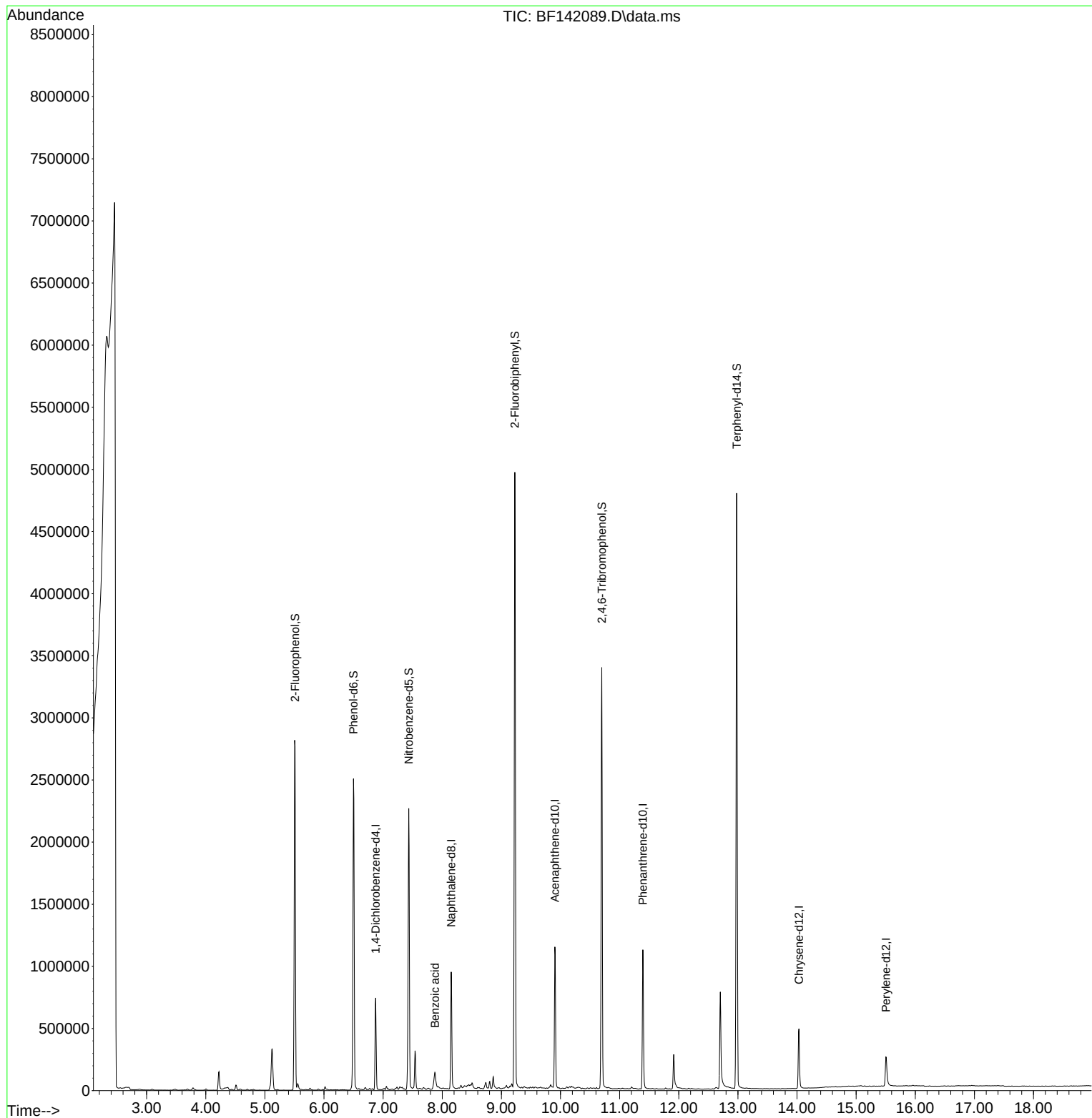
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142089.D
Acq On : 25 Mar 2025 20:36
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ALS Vial : 23 Sample Multiplier: 1

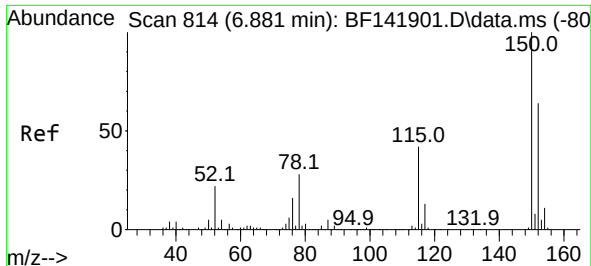
Instrument :
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ClientSampleId :
PIER-1-2

Quant Time: Mar 25 21:51:57 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

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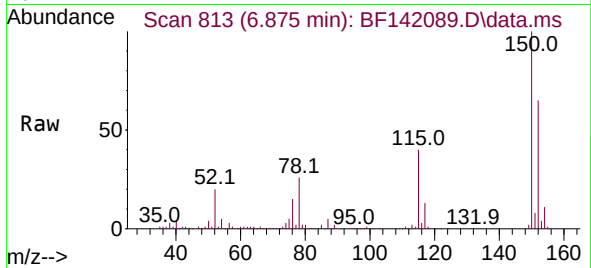
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36

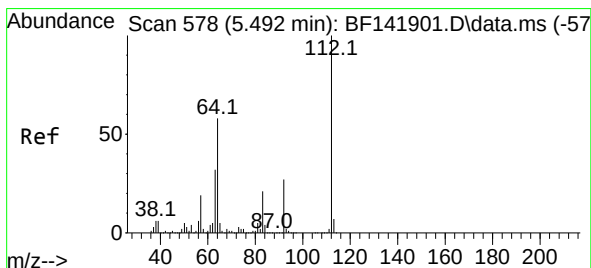
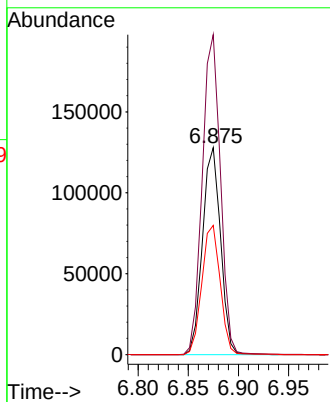
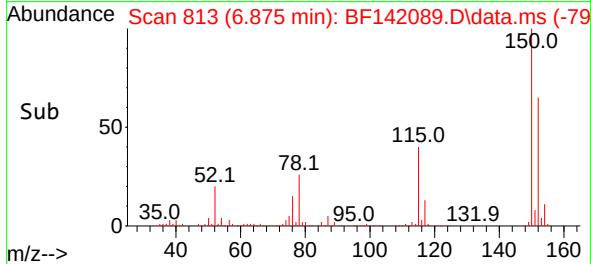
Instrument :
BNA_F
ClientSampleId :
PIER-1-2



Tgt Ion:152 Resp: 159786
Ion Ratio Lower Upper
152 100
150 154.6 127.4 191.2
115 62.4 51.9 77.9

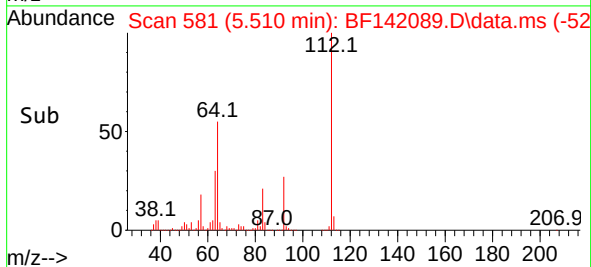
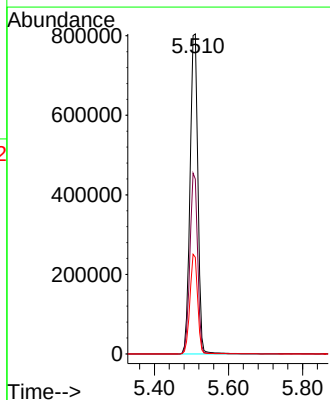
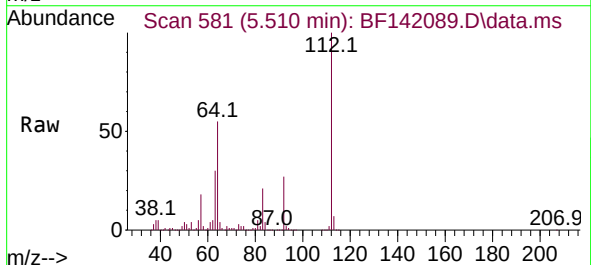
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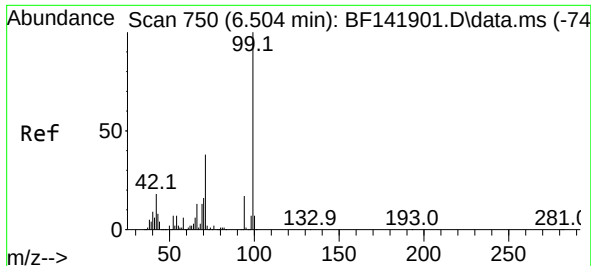
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#5
2-Fluorophenol
Concen: 123.209 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36

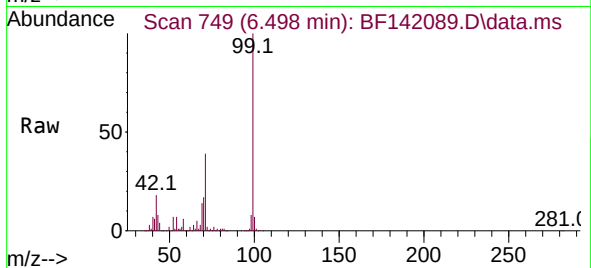
Tgt Ion:112 Resp: 1179604
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 30.2 25.4 38.2





#7
Phenol-d6
Concen: 106.851 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36

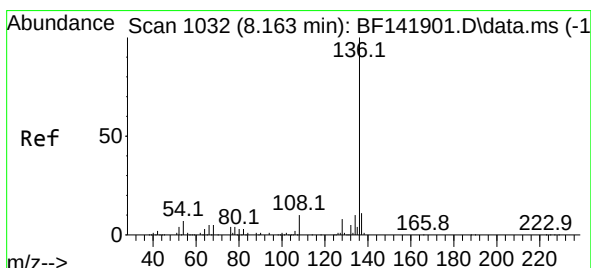
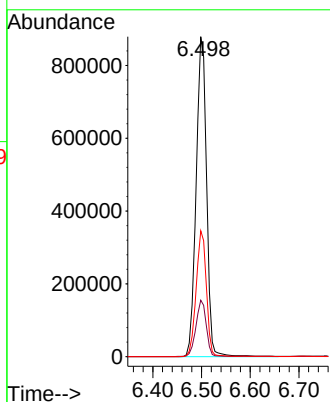
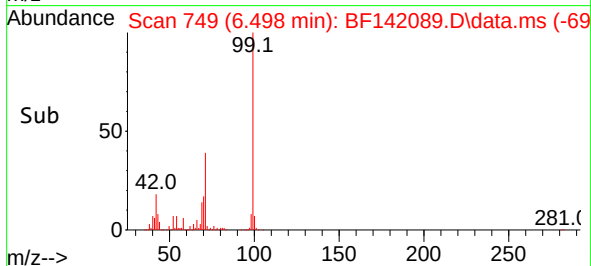
Instrument :
BNA_F
ClientSampleId :
PIER-1-2



Tgt Ion: 99 Resp: 1302491
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 39.3 30.8 46.2

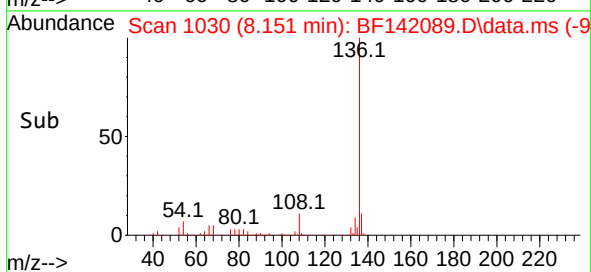
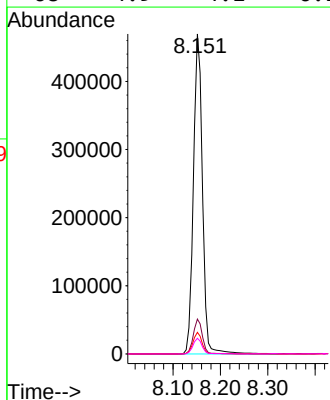
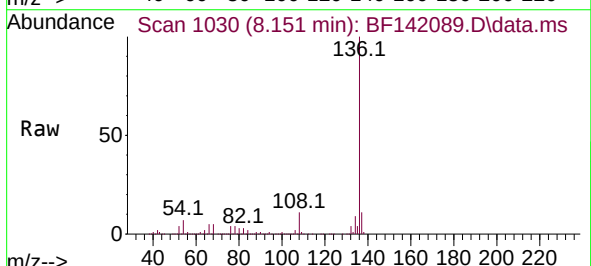
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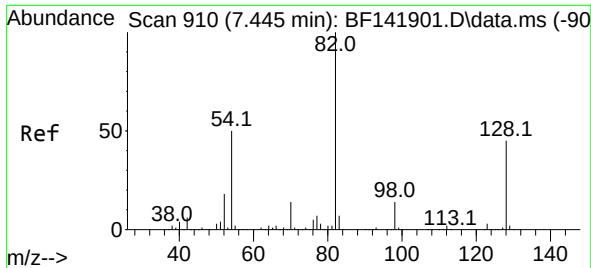
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36

Tgt Ion:136 Resp: 622502
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.8 8.8
68 4.9 4.1 6.1





#23
Nitrobenzene-d5
Concen: 98.543 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36

Instrument :

BNA_F

ClientSampleId :

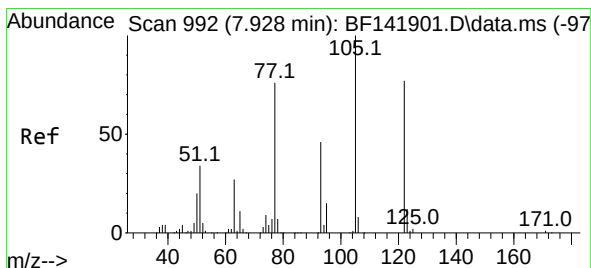
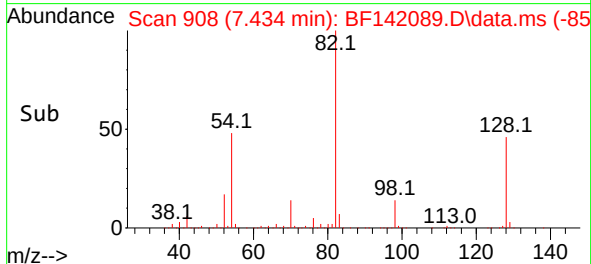
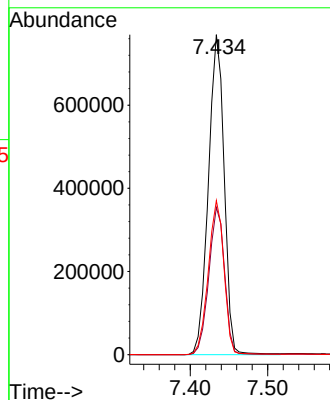
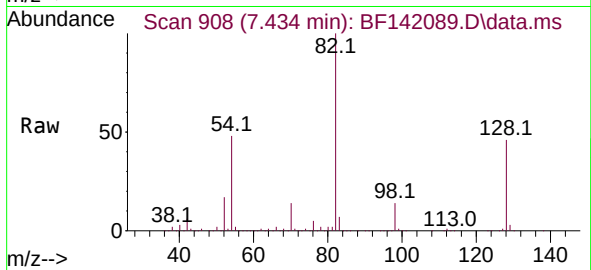
PIER-1-2

Tgt Ion: 82 Resp: 1090039
Ion Ratio Lower Upper
82 100
128 46.0 36.0 54.0
54 48.1 39.6 59.4

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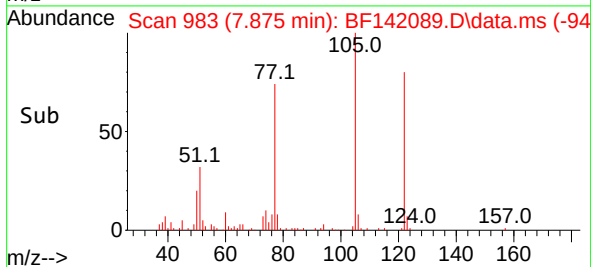
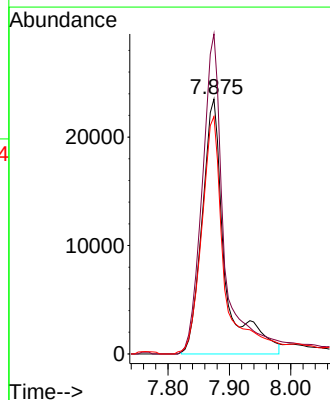
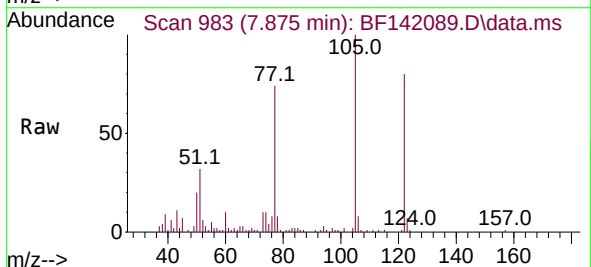
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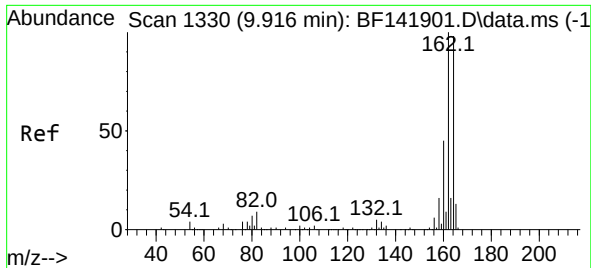
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#32
Benzoic acid
Concen: 9.297 ng m
RT: 7.875 min Scan# 983
Delta R.T. -0.053 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36

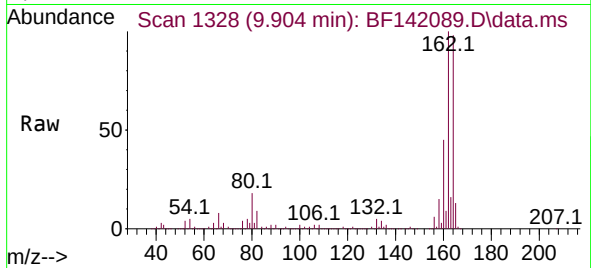
Tgt Ion:122 Resp: 60733
Ion Ratio Lower Upper
122 100
105 125.6 107.9 147.9
77 93.2 79.0 119.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36

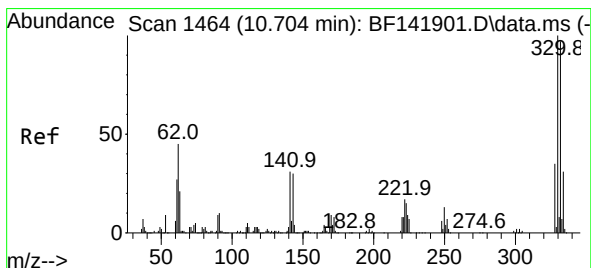
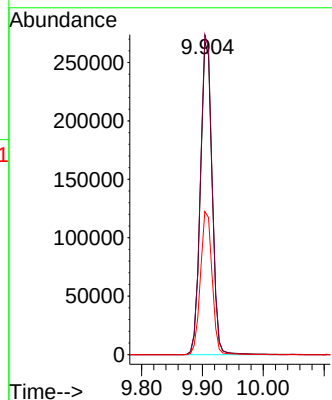
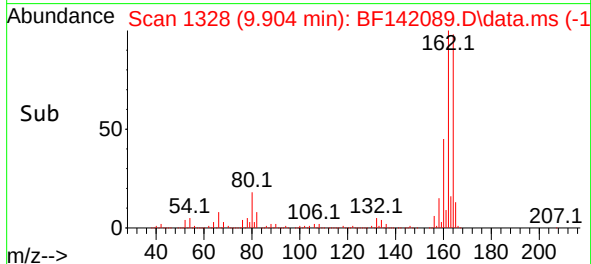
Instrument :
BNA_F
ClientSampleId :
PIER-1-2



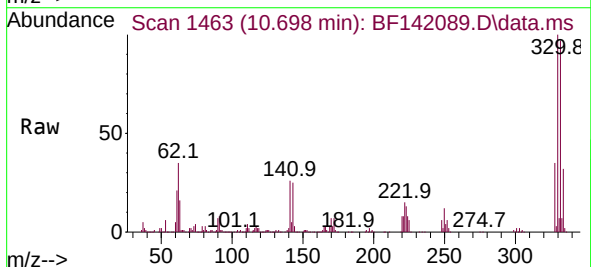
Tgt Ion:164 Resp: 356409
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.7 36.7 55.1

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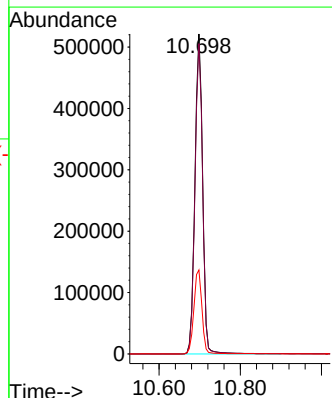
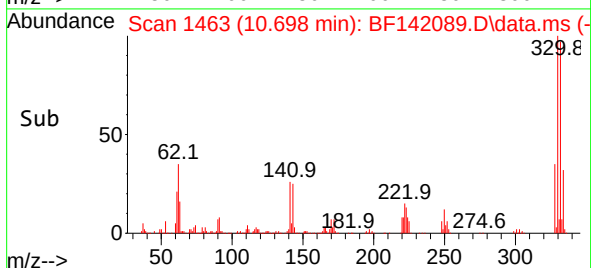
Reviewed By :Anahy Claudio 03/26/2025
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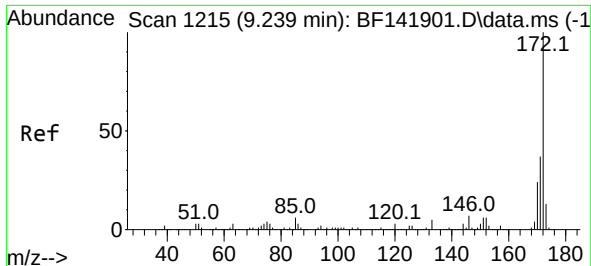


#42
2,4,6-Tribromophenol
Concen: 150.940 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36



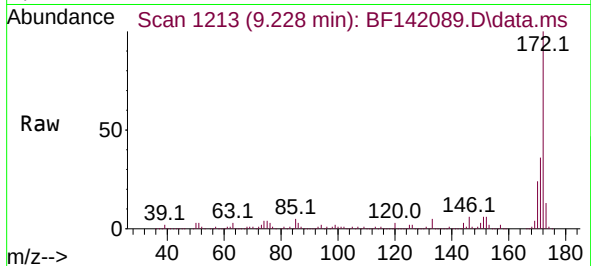
Tgt Ion:330 Resp: 682477
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 27.6 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 98.721 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36

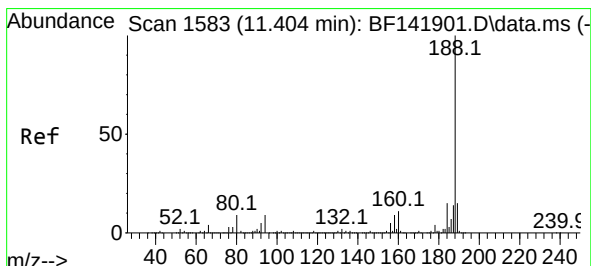
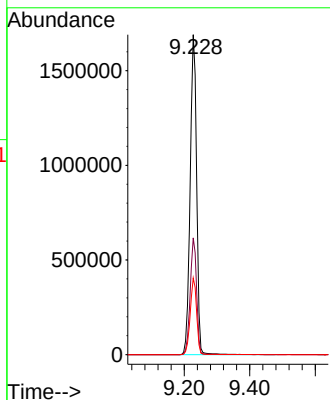
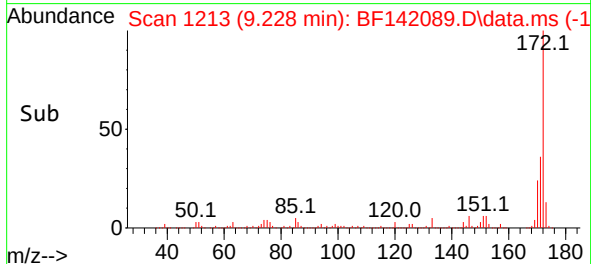
Instrument :
BNA_F
ClientSampleId :
PIER-1-2



Tgt Ion:172 Resp: 231357
Ion Ratio Lower Upper
172 100
171 36.5 29.3 43.9
170 23.9 19.4 29.0

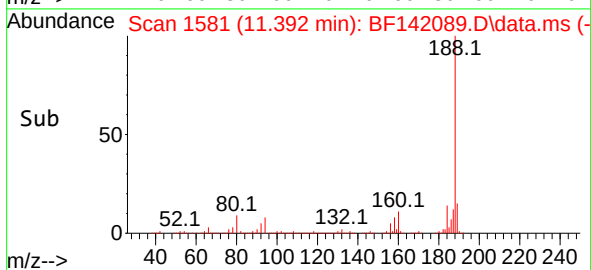
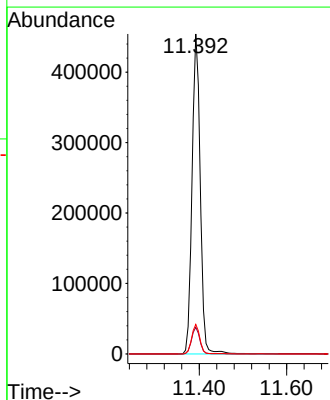
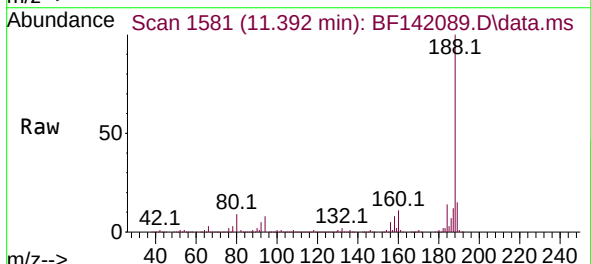
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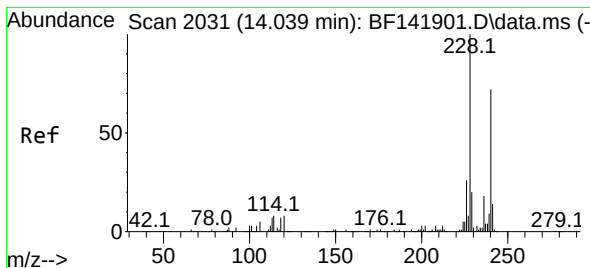
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36

Tgt Ion:188 Resp: 592183
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.2 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF142089.D

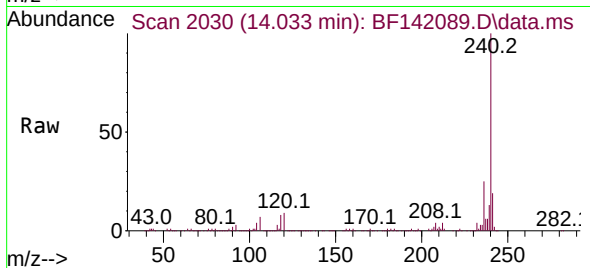
Acq: 25 Mar 2025 20:36

Instrument :

BNA_F

ClientSampleId :

PIER-1-2



Tgt Ion:240 Resp: 271718

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

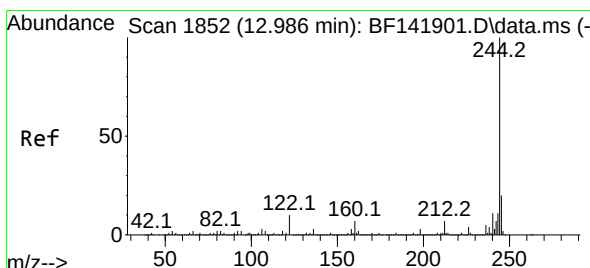
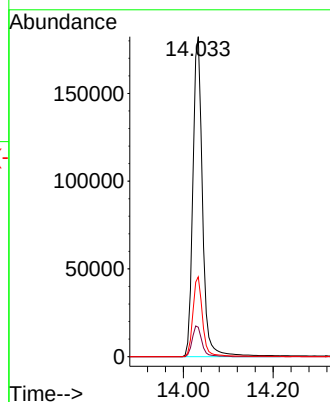
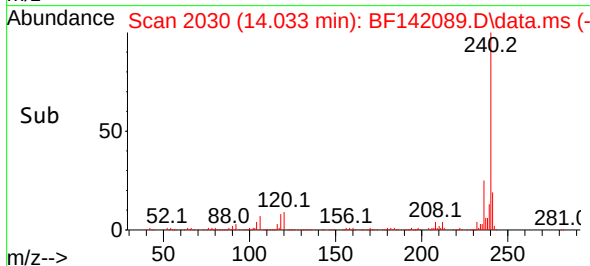
236 24.9 20.5 30.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/26/2025



#79

Terphenyl-d14

Concen: 131.094 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142089.D

Acq: 25 Mar 2025 20:36

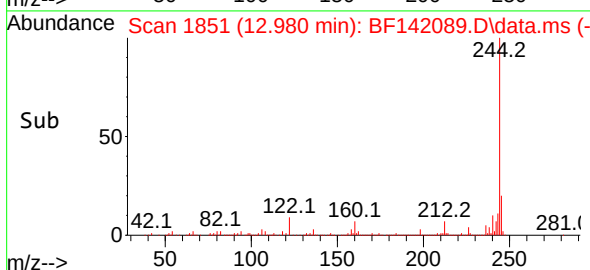
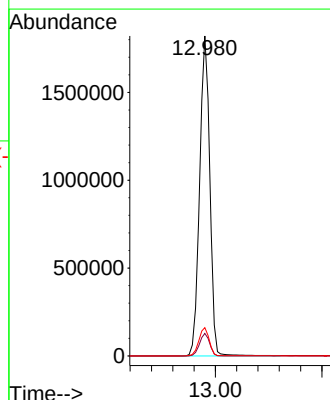
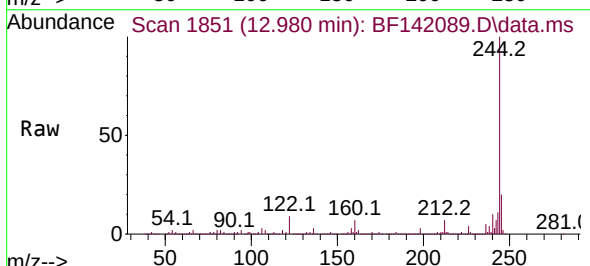
Tgt Ion:244 Resp: 2409306

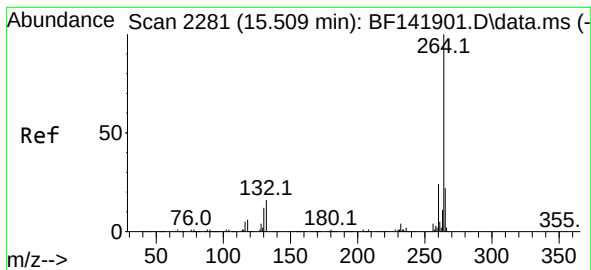
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

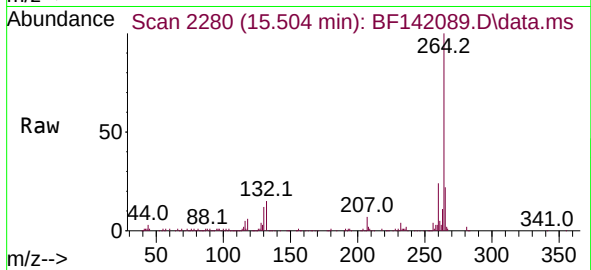
122 8.8 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142089.D
Acq: 25 Mar 2025 20:36

Instrument :
BNA_F
ClientSampleId :
PIER-1-2



Tgt Ion:264 Resp: 194164
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.6 17.5 26.3

Manual Integrations
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