

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142161.D
 Acq On : 28 Mar 2025 15:36
 Operator : RC/JU
 Sample : Q1645-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Mar 28 16:18:43 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
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Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	126790	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	514793	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	292591	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	473524	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	291414	20.000	ng	0.00
86) Perylene-d12	15.510	264	291103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	954313	125.618	ng	0.00
7) Phenol-d6	6.499	99	1121556	115.952	ng	0.00
23) Nitrobenzene-d5	7.434	82	852036	93.143	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	551493	148.574	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1836487	95.456	ng	-0.01
79) Terphenyl-d14	12.980	244	1851034	93.910	ng	0.00
Target Compounds						
32) Benzoic acid	7.869	122	30153m	5.582	ng	Qvalue

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

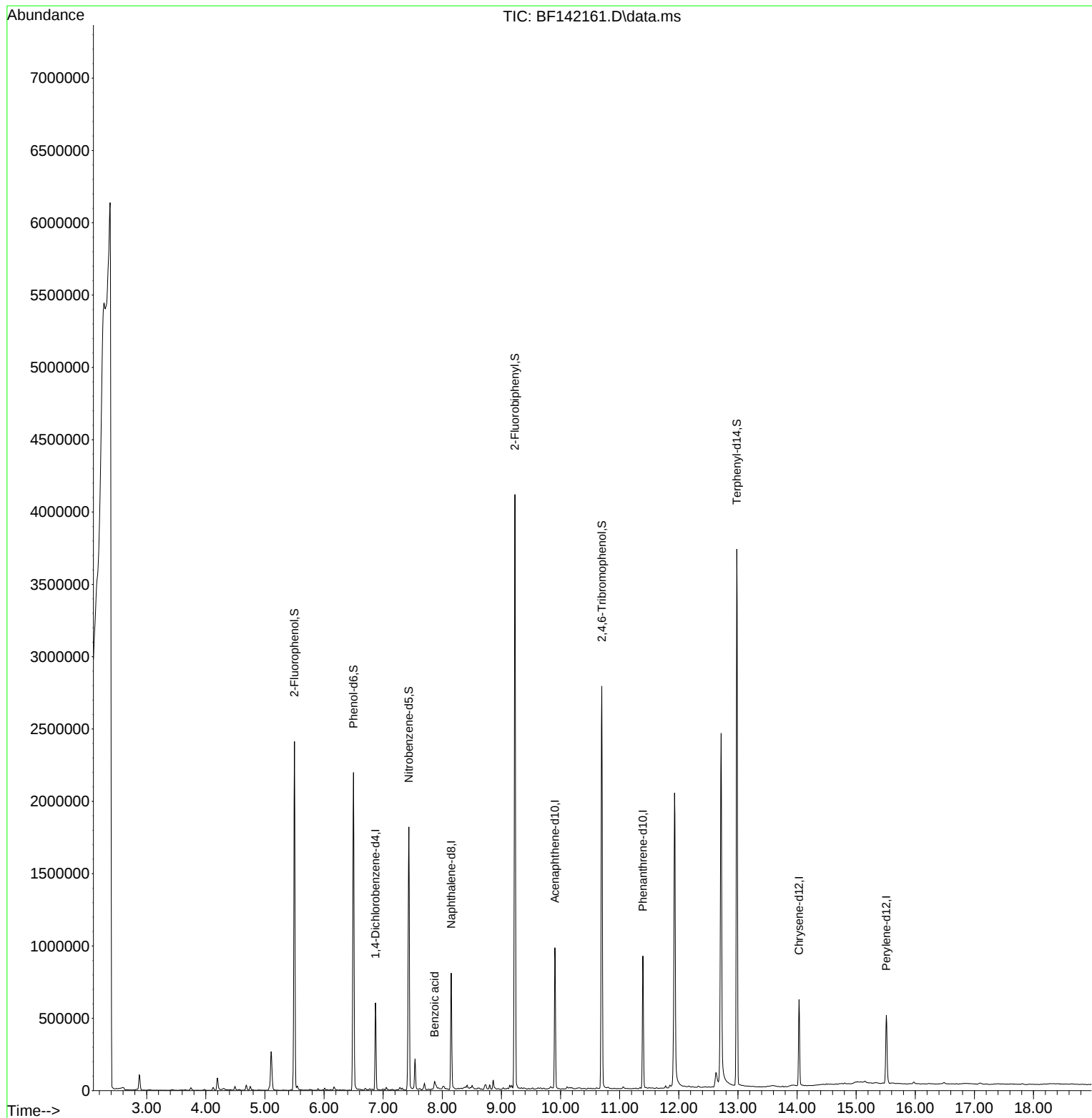
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142161.D
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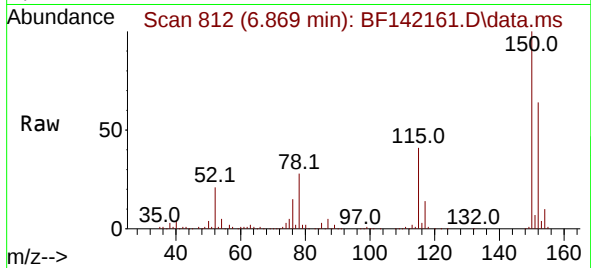
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142161.D
Acq: 28 Mar 2025 15:36

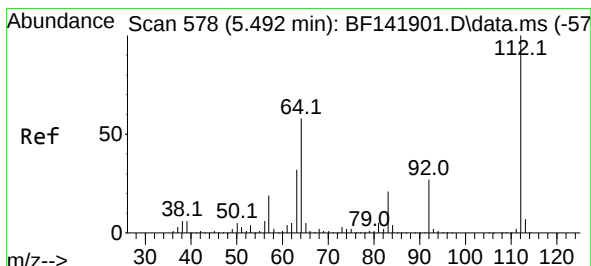
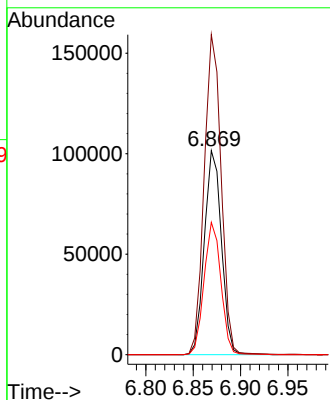
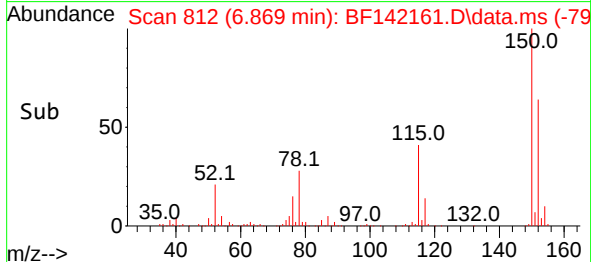
Instrument :
BNA_F
ClientSampleId :
TP-4



Tgt Ion:152 Resp: 126790
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.2
115 64.8 51.9 77.9

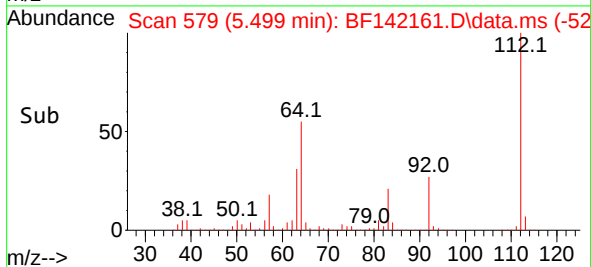
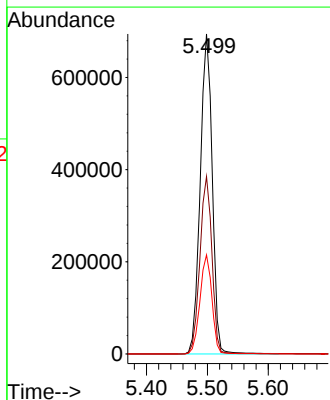
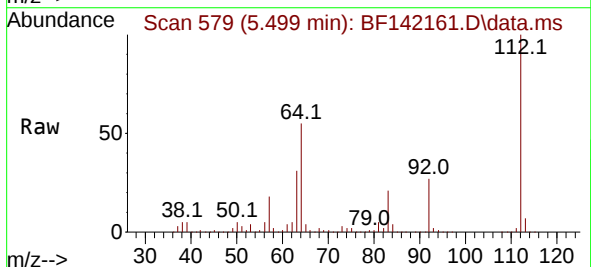
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#5
2-Fluorophenol
Concen: 125.618 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142161.D
Acq: 28 Mar 2025 15:36

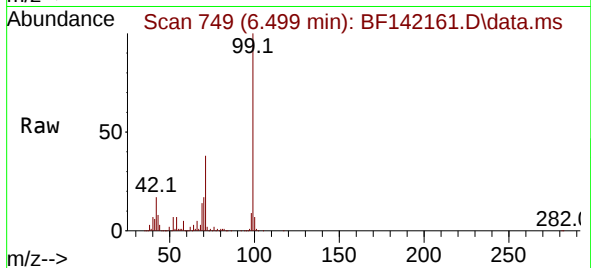
Tgt Ion:112 Resp: 954313
Ion Ratio Lower Upper
112 100
64 55.4 46.5 69.7
63 31.0 25.4 38.2





#7
Phenol-d6
Concen: 115.952 ng
RT: 6.499 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142161.D
Acq: 28 Mar 2025 15:36

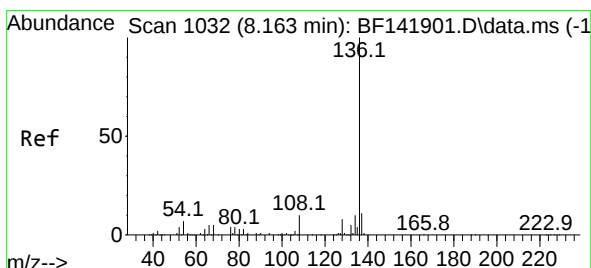
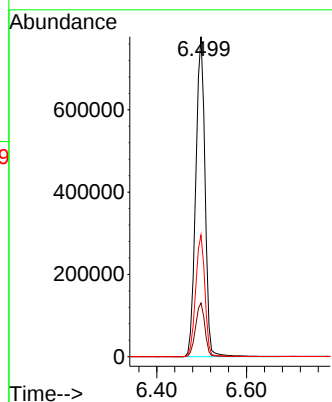
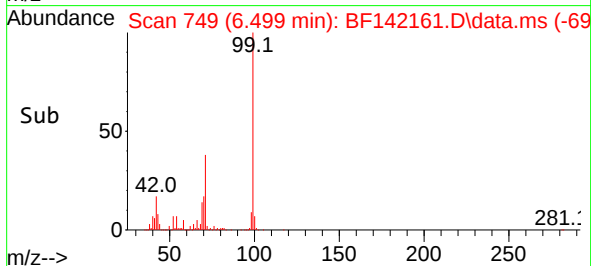
Instrument :
BNA_F
ClientSampleId :
TP-4



Tgt Ion: 99 Resp: 1121550
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 38.0 30.8 46.2

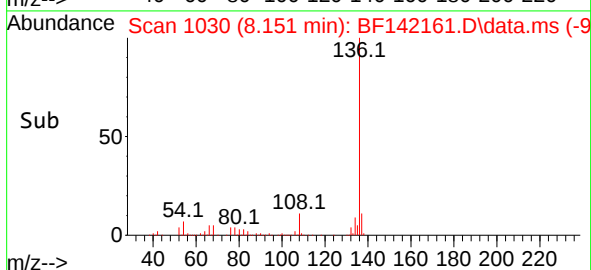
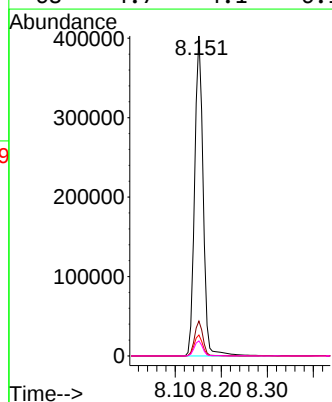
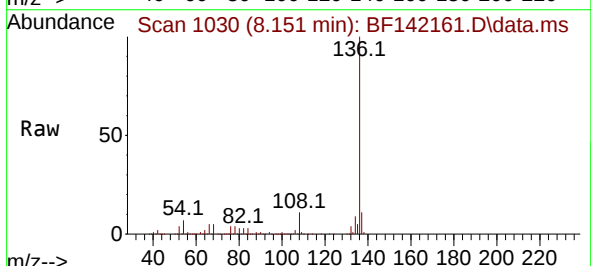
Manual Integrations
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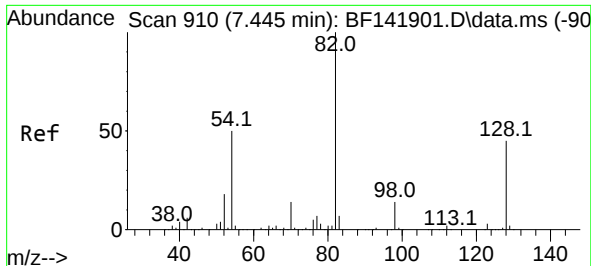
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142161.D
Acq: 28 Mar 2025 15:36

Tgt Ion:136 Resp: 514793
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 93.143 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.011 min

Lab File: BF142161.D

Acq: 28 Mar 2025 15:36

Instrument :

BNA_F

ClientSampleId :

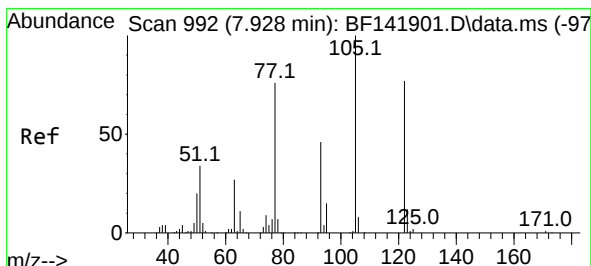
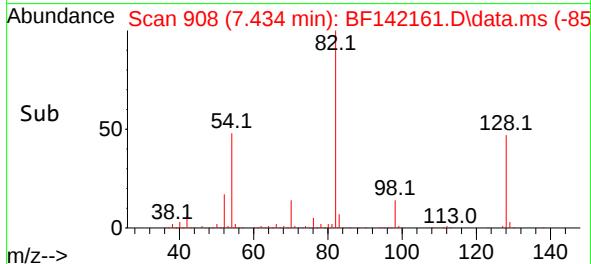
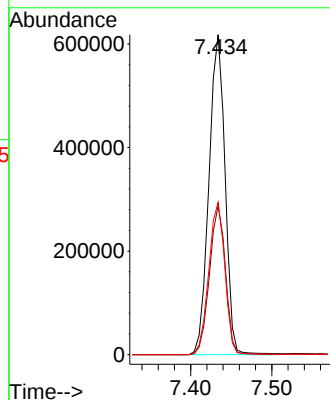
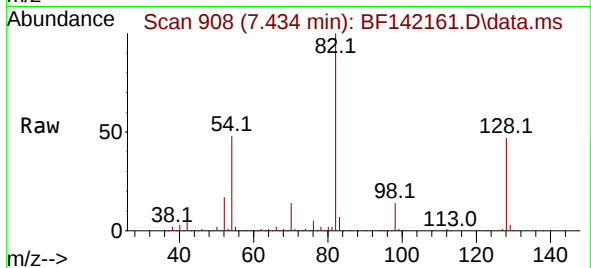
TP-4

Tgt Ion: 82 Resp: 852030
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.0 54.0
 54 47.6 39.6 59.4

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#32

Benzoic acid

Concen: 5.582 ng m

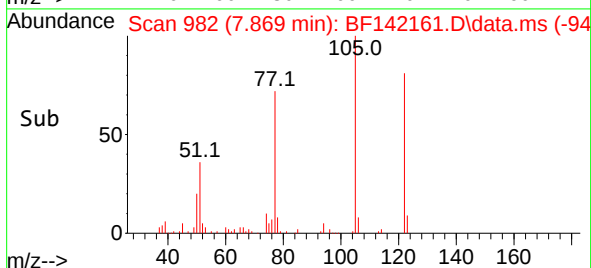
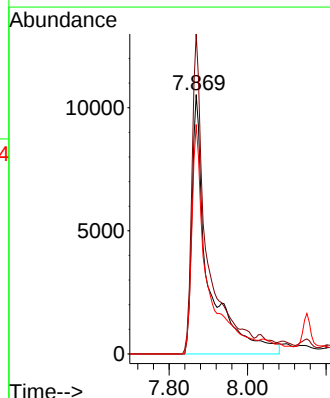
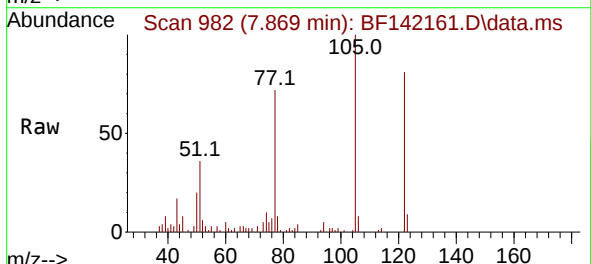
RT: 7.869 min Scan# 982

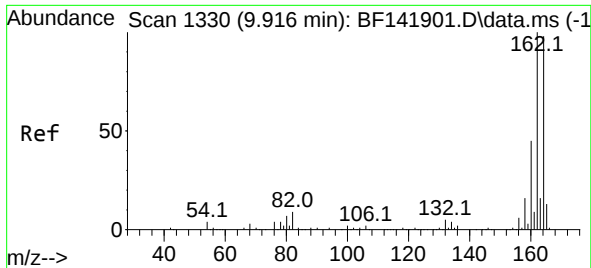
Delta R.T. -0.059 min

Lab File: BF142161.D

Acq: 28 Mar 2025 15:36

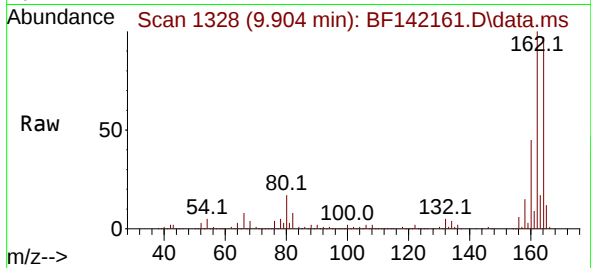
Tgt Ion:122 Resp: 30153
 Ion Ratio Lower Upper
 122 100
 105 123.4 107.9 147.9
 77 88.5 79.0 119.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142161.D
Acq: 28 Mar 2025 15:36

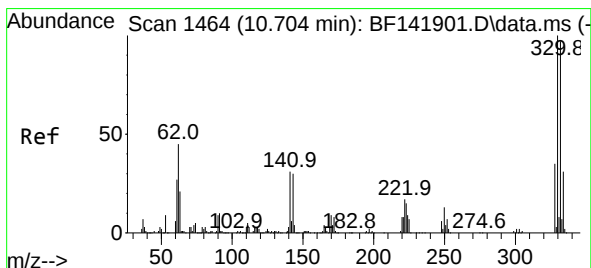
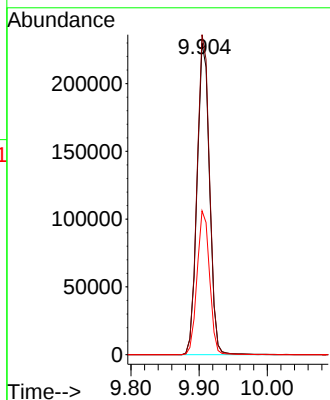
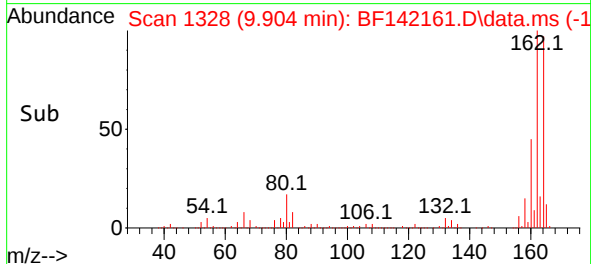
Instrument :
BNA_F
ClientSampleId :
TP-4



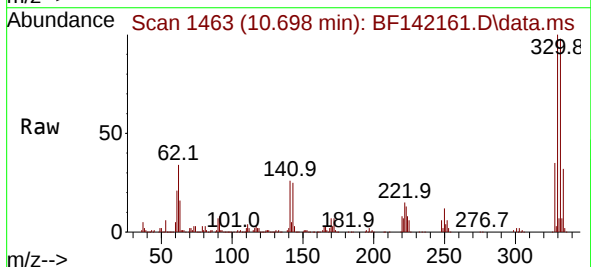
Tgt Ion:164 Resp: 29259
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 46.2 36.7 55.1

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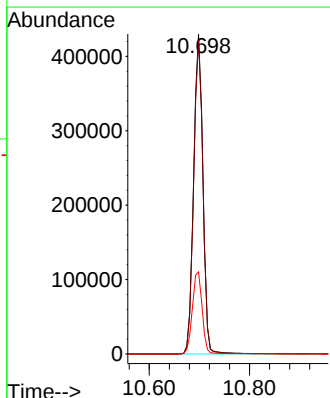
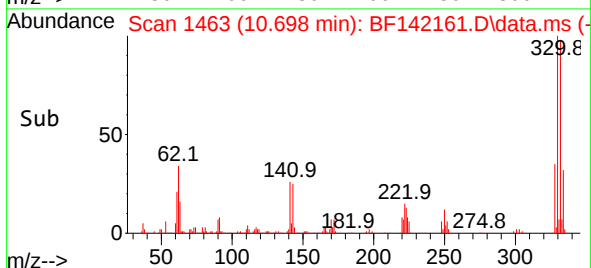
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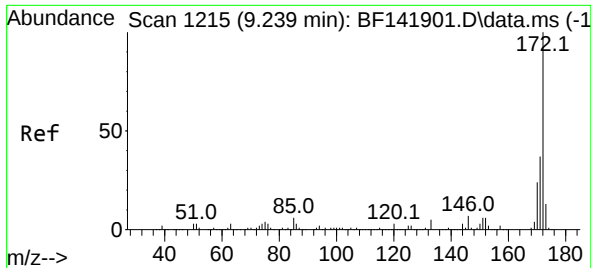


#42
2,4,6-Tribromophenol
Concen: 148.574 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142161.D
Acq: 28 Mar 2025 15:36



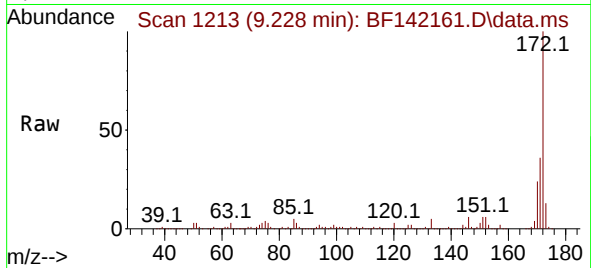
Tgt Ion:330 Resp: 551493
Ion Ratio Lower Upper
330 100
332 97.8 77.6 116.4
141 27.4 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 95.456 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142161.D
Acq: 28 Mar 2025 15:36

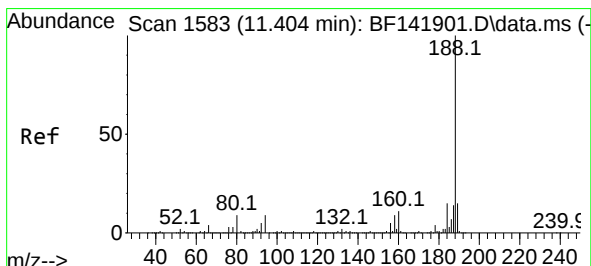
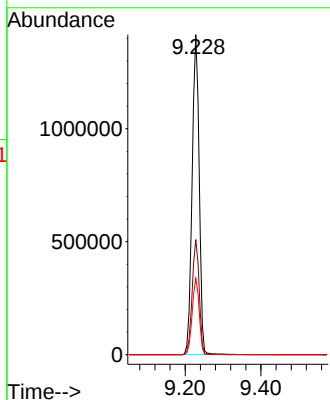
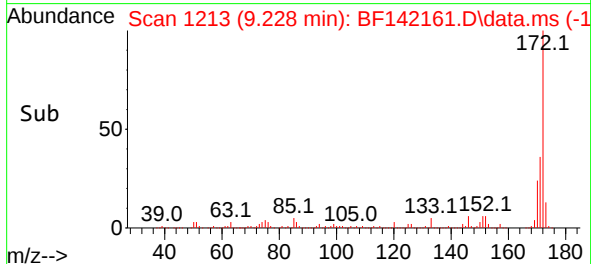
Instrument :
BNA_F
ClientSampleId :
TP-4



Tgt Ion:172 Resp: 183648
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.8 19.4 29.0

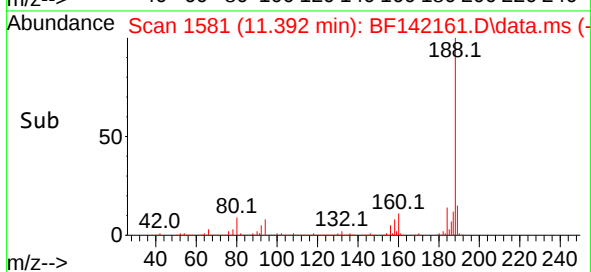
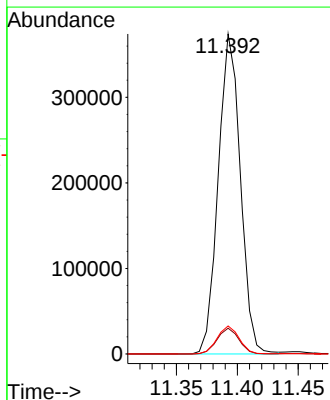
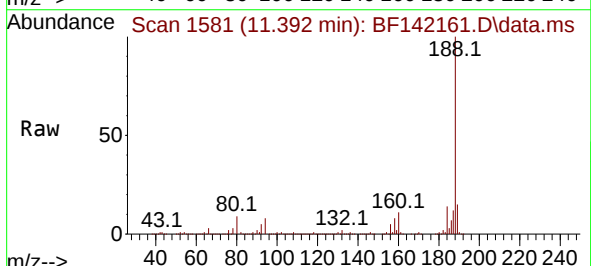
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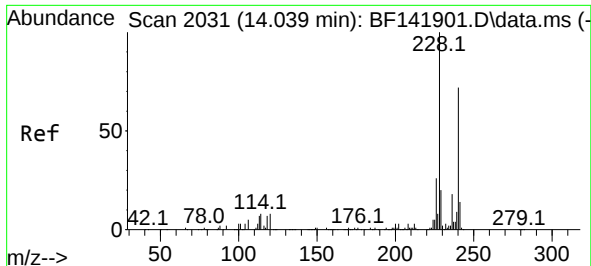
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142161.D
Acq: 28 Mar 2025 15:36

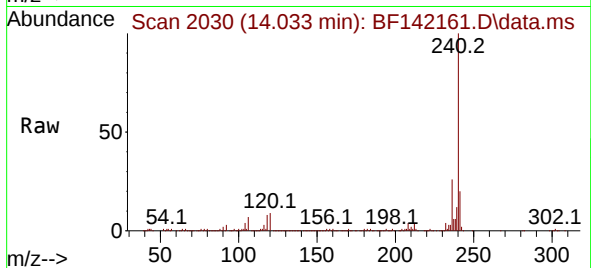
Tgt Ion:188 Resp: 473524
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.7 7.6 11.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF142161.D
Acq: 28 Mar 2025 15:36

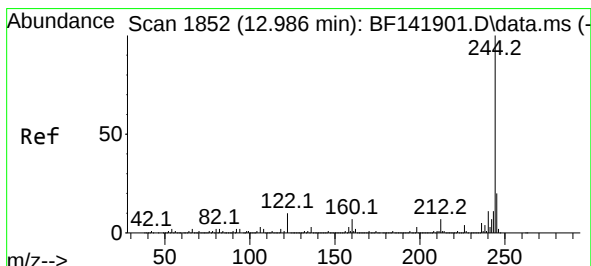
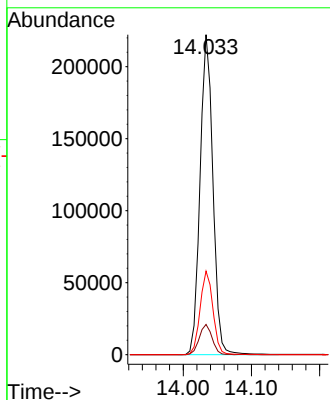
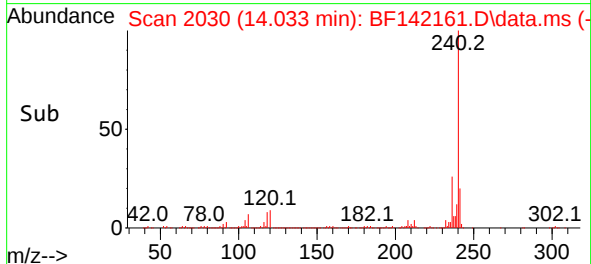
Instrument :
BNA_F
ClientSampleId :
TP-4



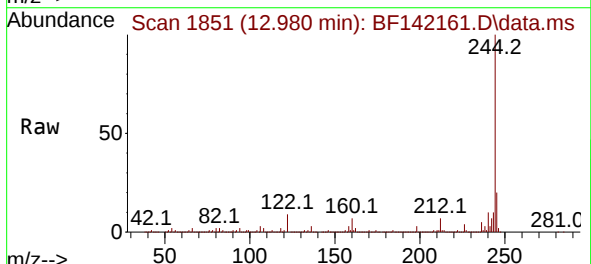
Tgt Ion:240 Resp: 291414
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 26.1 20.5 30.7

Manual Integrations
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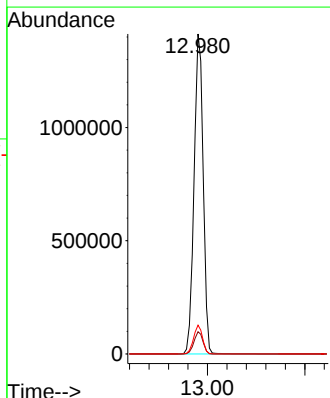
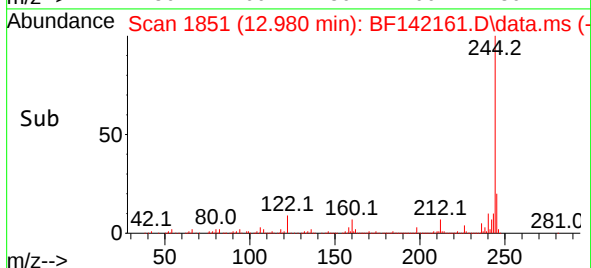
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

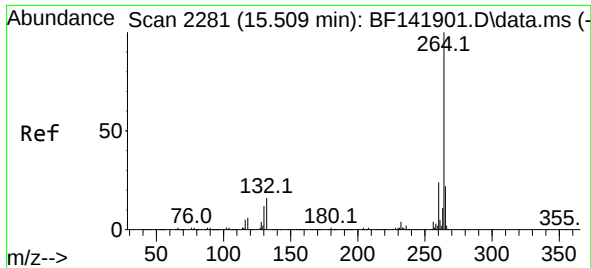


#79
Terphenyl-d14
Concen: 93.910 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142161.D
Acq: 28 Mar 2025 15:36



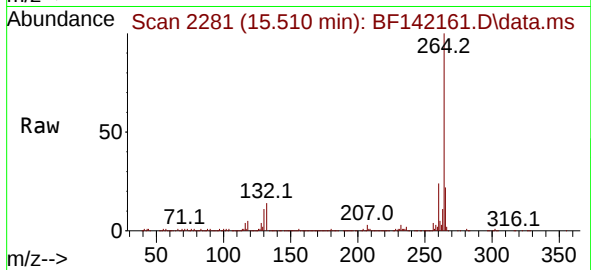
Tgt Ion:244 Resp: 1851034
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.0 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142161.D
 Acq: 28 Mar 2025 15:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-4



Tgt Ion:264 Resp: 29110
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.8 17.5 26.3

Manual Integrations
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