

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142904.D
 Acq On : 27 Jun 2025 20:37
 Operator : RC/JU
 Sample : Q2355-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20071

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/30/2025
 Supervised By :Jagrut Upadhyay 06/30/2025

Quant Time: Jun 27 22:41:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61151	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	213959	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	62404m	20.000	ng	0.06
64) Phenanthrene-d10	11.551	188	56309m	20.000	ng	0.14
76) Chrysene-d12	14.098	240	30456	20.000	ng	# 0.04
86) Perylene-d12	15.568	264	66707	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	433111	117.921	ng	0.00
7) Phenol-d6	6.510	99	455671	105.156	ng	0.00
23) Nitrobenzene-d5	7.440	82	363379	93.156	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	101703	158.372	ng	0.08
45) 2-Fluorobiphenyl	9.269	172	644214	135.614	ng	0.02
79) Terphenyl-d14	13.139	244	334675	151.833	ng	0.14
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.892	142	36888	5.681	ng	# 78
38) 1-Methylnaphthalene	9.004	142	37231m	5.539	ng	
46) 1,1'-Biphenyl	9.375	154	86565	17.560	ng	74

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

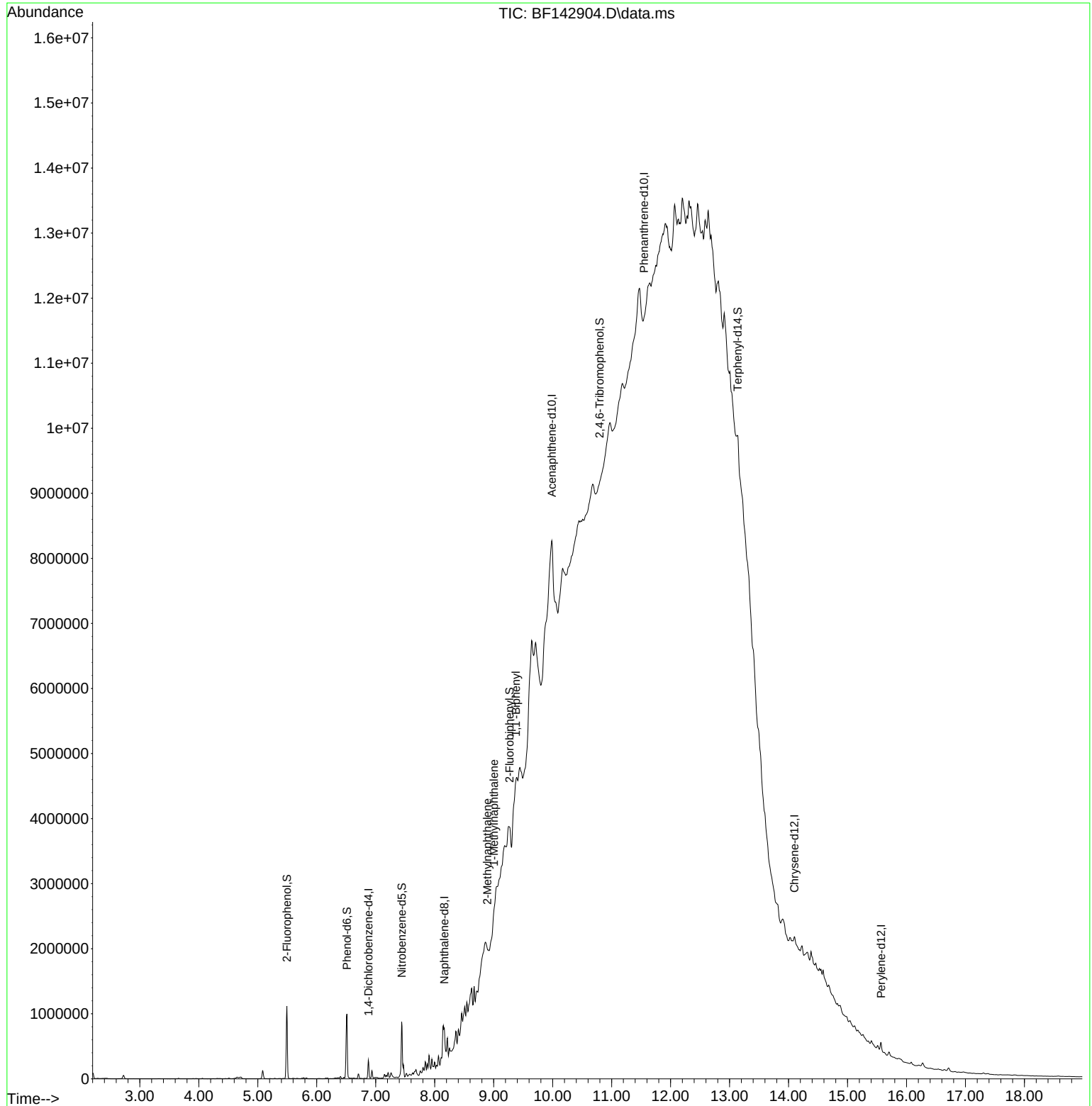
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142904.D
Acq On : 27 Jun 2025 20:37
Operator : RC/JU
Sample : Q2355-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

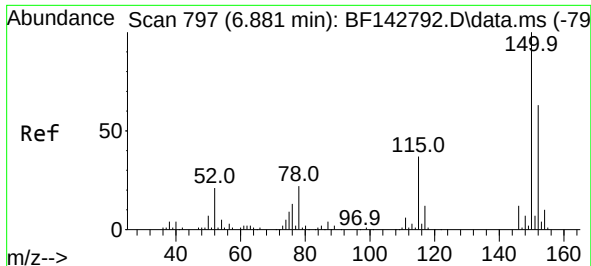
Instrument :
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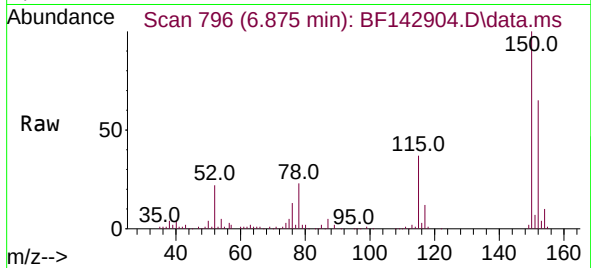
Quant Time: Jun 27 22:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

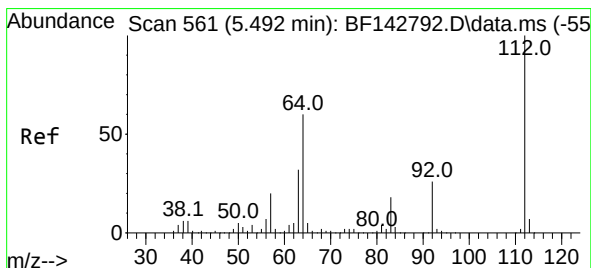
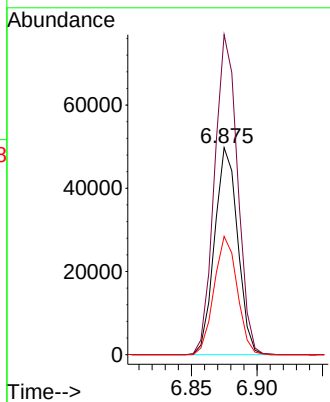
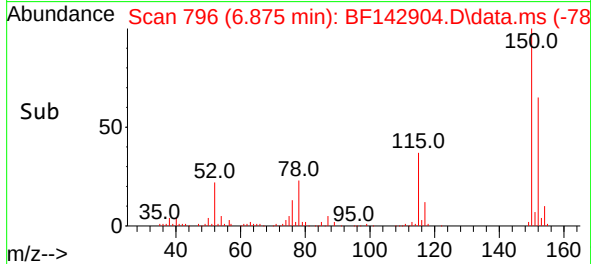
Instrument :
BNA_F
ClientSampleId :
20071



Tgt Ion:152 Resp: 6115
Ion Ratio Lower Upper
152 100
150 154.7 127.2 190.8
115 57.1 46.6 69.8

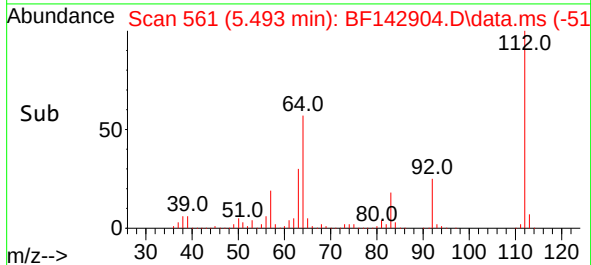
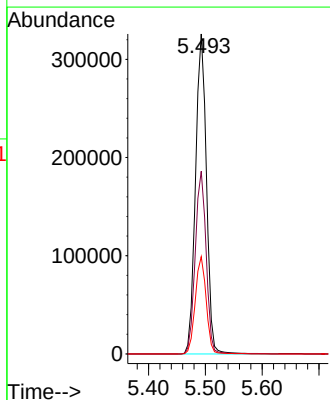
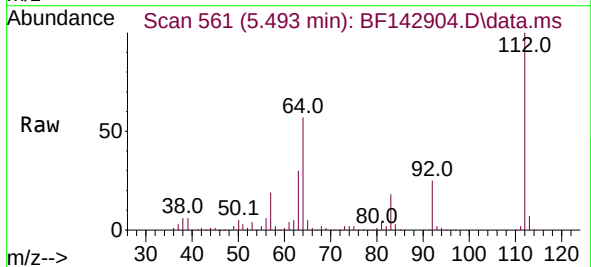
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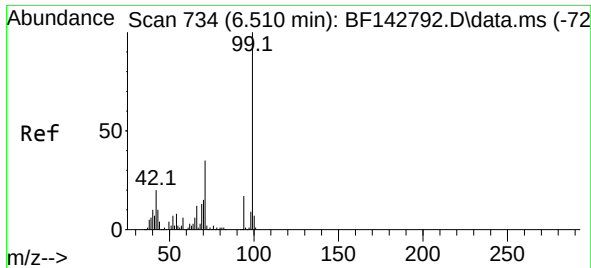
Reviewed By :Rahul Chavli 06/30/2025
Supervised By :Jagrut Upadhyay 06/30/2025



#5
2-Fluorophenol
Concen: 117.921 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

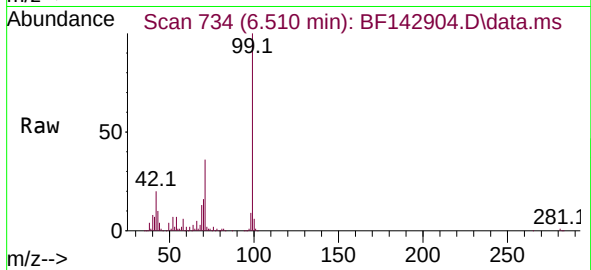
Tgt Ion:112 Resp: 433111
Ion Ratio Lower Upper
112 100
64 57.1 48.2 72.2
63 30.4 25.7 38.5





#7
Phenol-d6
Concen: 105.156 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

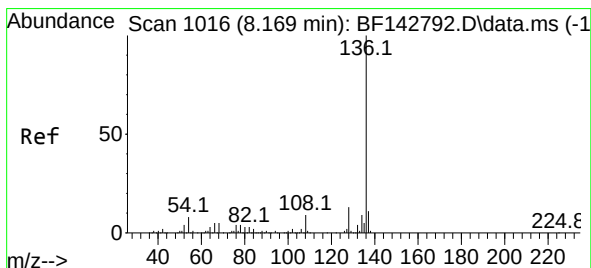
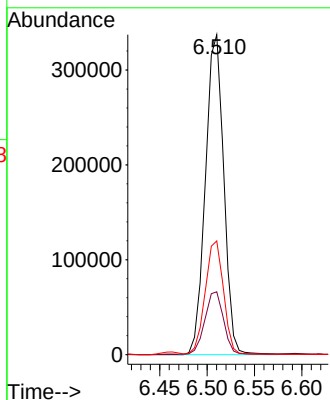
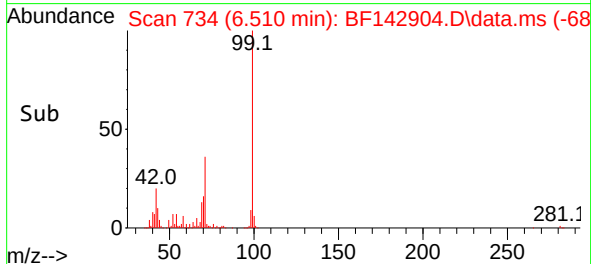
Instrument :
BNA_F
ClientSampleId :
20071



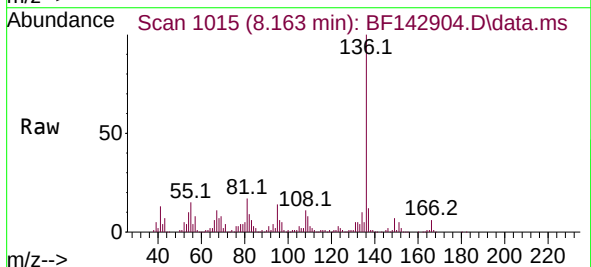
Tgt Ion: 99 Resp: 455671
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 35.5 27.8 41.8

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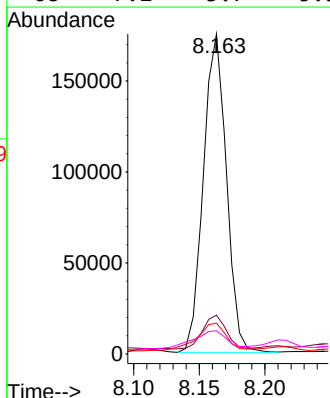
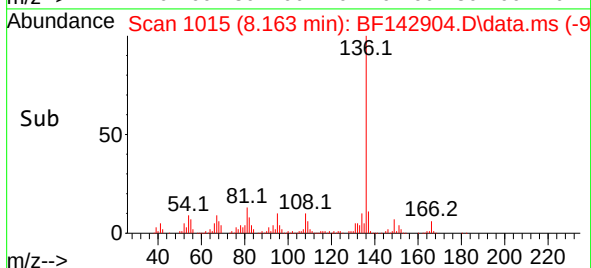
Reviewed By :Rahul Chavli 06/30/2025
Supervised By :Jagrut Upadhyay 06/30/2025

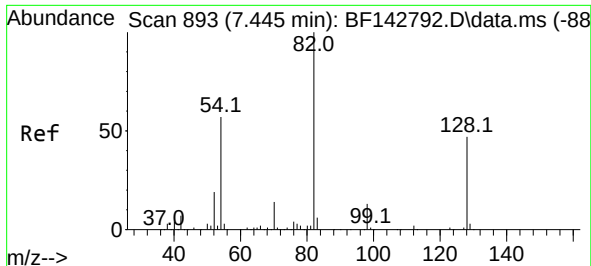


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37



Tgt Ion:136 Resp: 213959
Ion Ratio Lower Upper
136 100
137 12.1 8.4 12.6
54 9.6 6.3 9.5#
68 7.2 3.7 5.5#





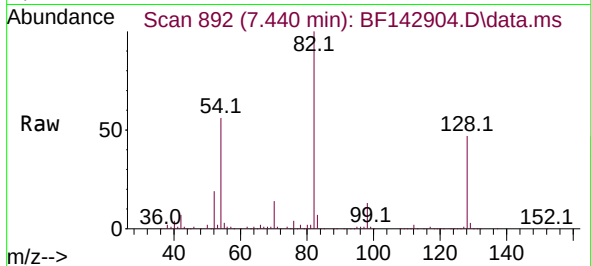
#23
Nitrobenzene-d5
Concen: 93.156 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.005 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Instrument :

BNA_F

ClientSampleId :

20071

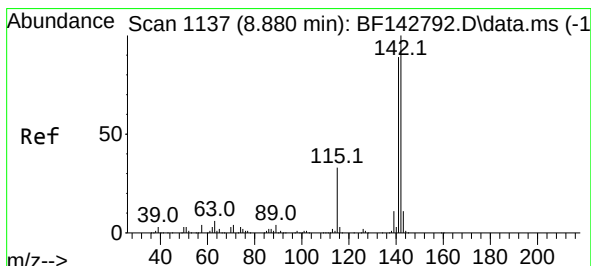
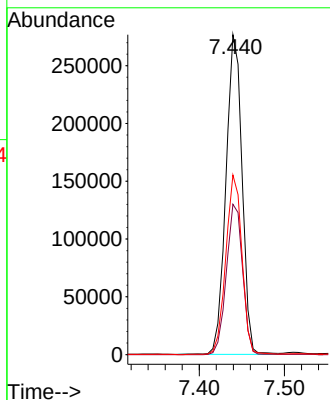
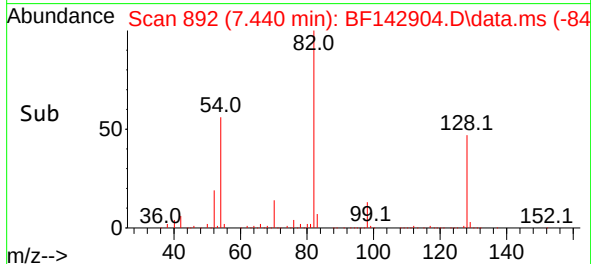


Tgt Ion: 82 Resp: 363379
Ion Ratio Lower Upper
82 100
128 47.0 37.7 56.5
54 56.1 45.7 68.5

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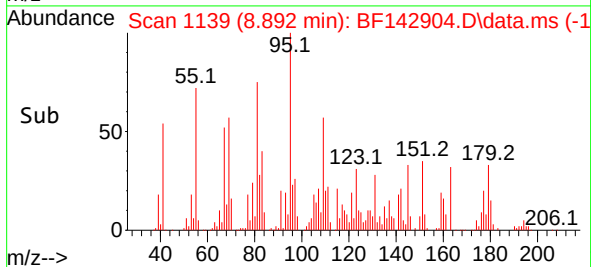
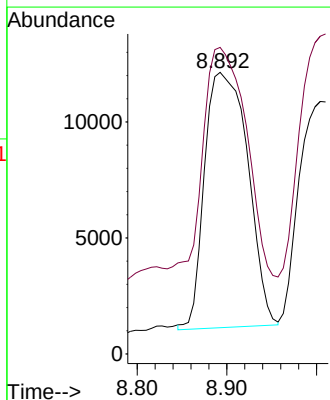
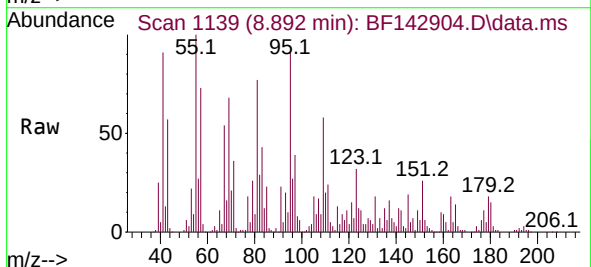
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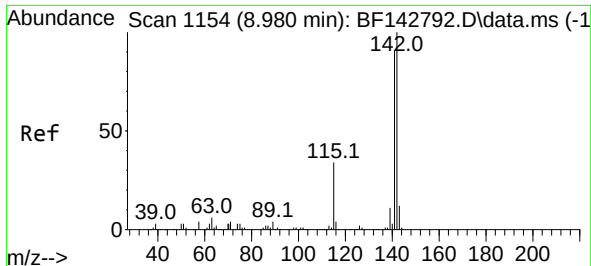
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#37
2-Methylnaphthalene
Concen: 5.681 ng
RT: 8.892 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

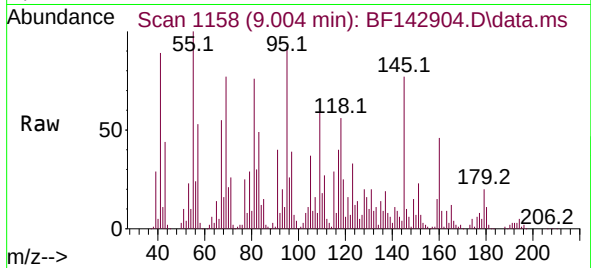
Tgt Ion:142 Resp: 36888
Ion Ratio Lower Upper
142 100
141 108.9 70.9 106.3#





#38
1-Methylnaphthalene
Concen: 5.539 ng m
RT: 9.004 min Scan# 1154
Delta R.T. 0.024 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

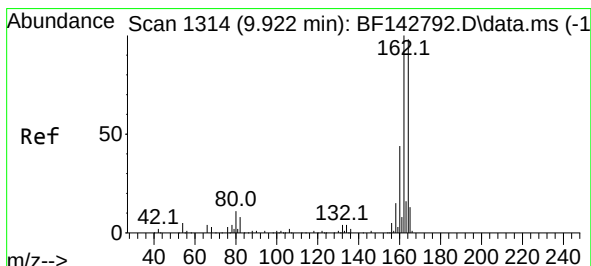
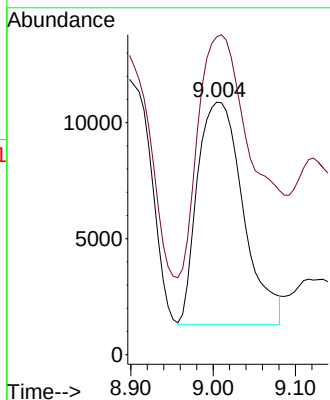
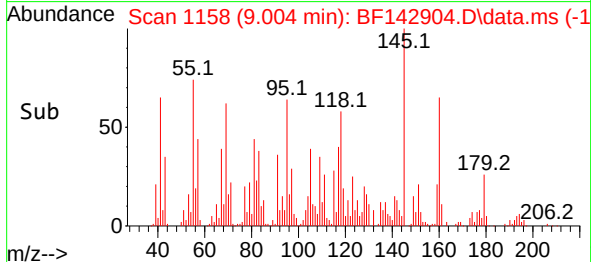
Instrument :
BNA_F
ClientSampleId :
20071



Tgt Ion:142 Resp: 37231
Ion Ratio Lower Upper
142 100
141 125.9 73.0 109.4

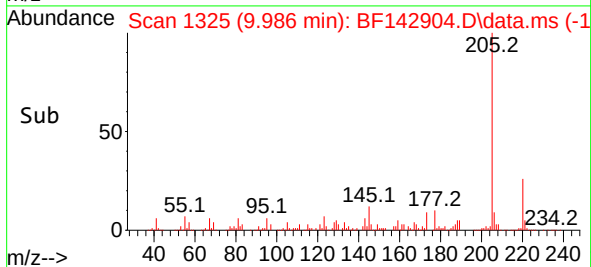
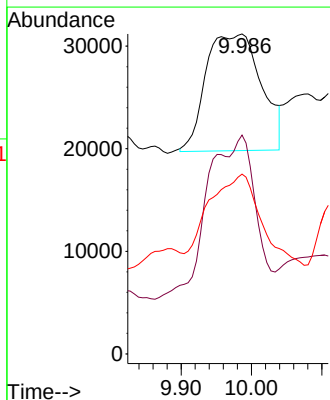
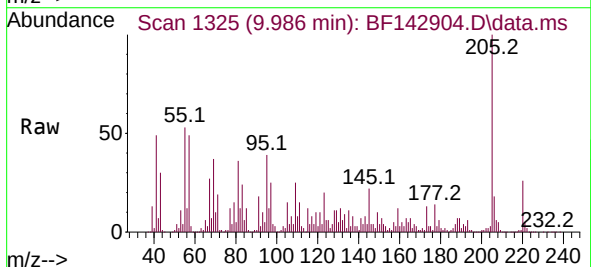
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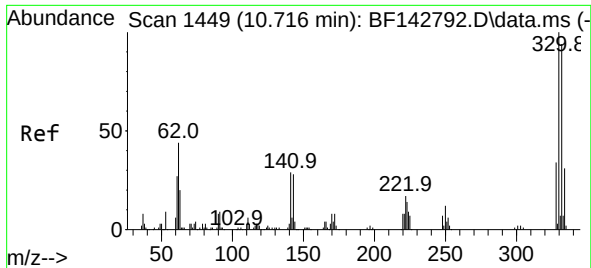
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#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.986 min Scan# 1325
Delta R.T. 0.065 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

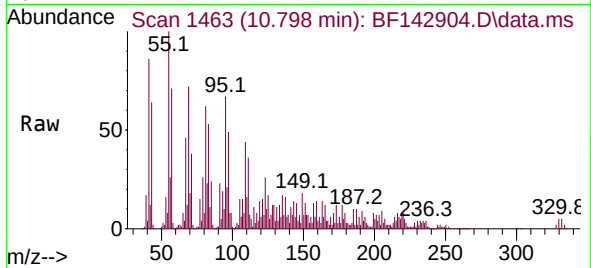
Tgt Ion:164 Resp: 62404
Ion Ratio Lower Upper
164 100
162 68.4 81.8 122.8#
160 56.2 36.0 54.0#





#42
 2,4,6-Tribromophenol
 Concen: 158.372 ng
 RT: 10.798 min Scan# 1449
 Delta R.T. 0.082 min
 Lab File: BF142904.D
 Acq: 27 Jun 2025 20:37

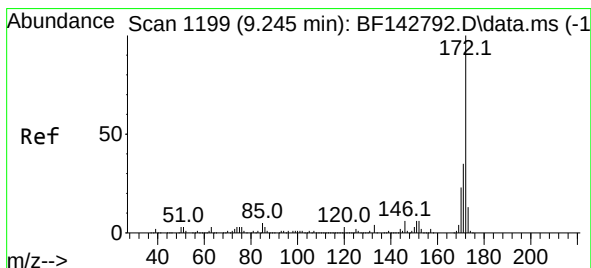
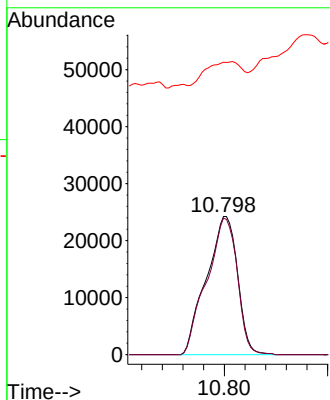
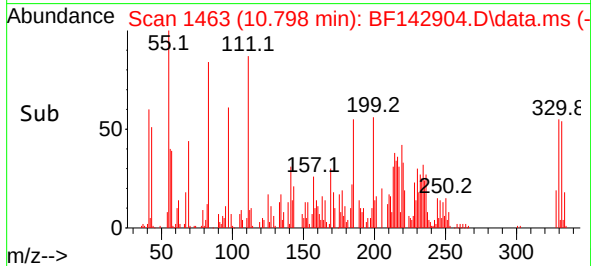
Instrument :
 BNA_F
 ClientSampleId :
 20071



Tgt Ion: 330 Resp: 101703
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.0 112.6
 141 15.0 25.3 37.9

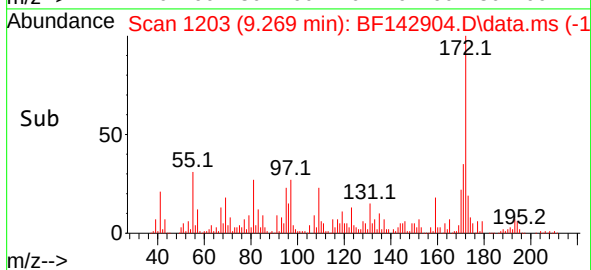
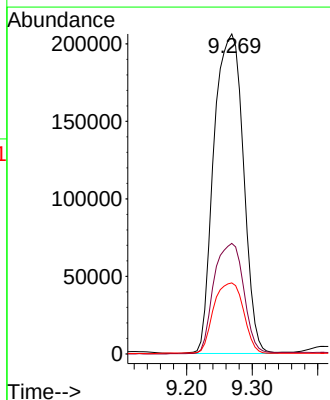
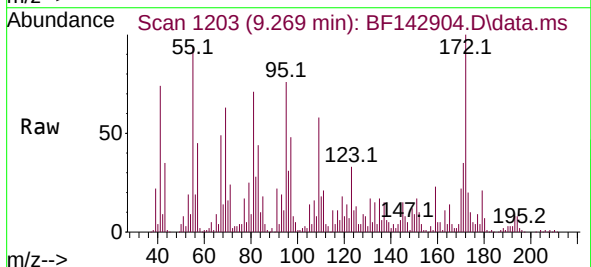
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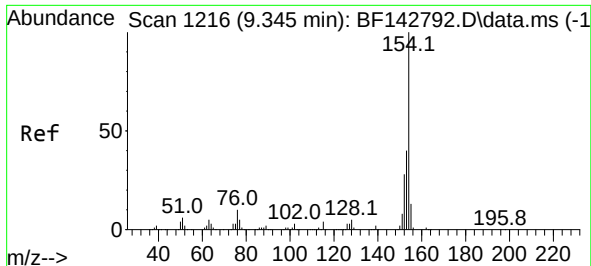
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 Supervised By :Jagrut Upadhyay 06/30/2025



#45
 2-Fluorobiphenyl
 Concen: 135.614 ng
 RT: 9.269 min Scan# 1203
 Delta R.T. 0.024 min
 Lab File: BF142904.D
 Acq: 27 Jun 2025 20:37

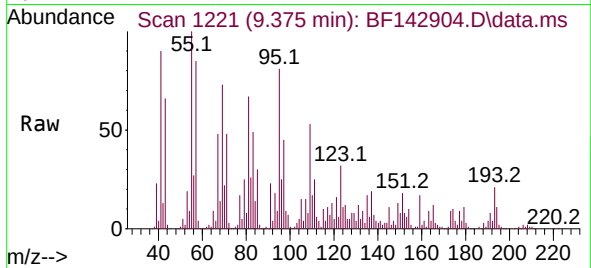
Tgt Ion: 172 Resp: 644214
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.2 42.4
 170 22.2 18.5 27.7





#46
1,1'-Biphenyl
Concen: 17.560 ng
RT: 9.375 min Scan# 1159
Delta R.T. 0.030 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

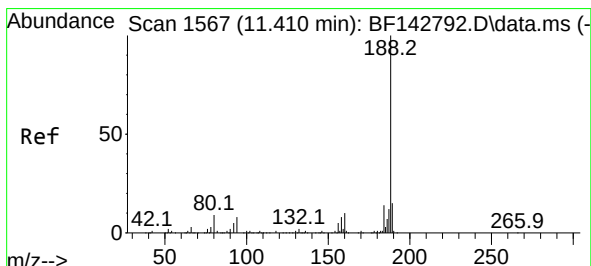
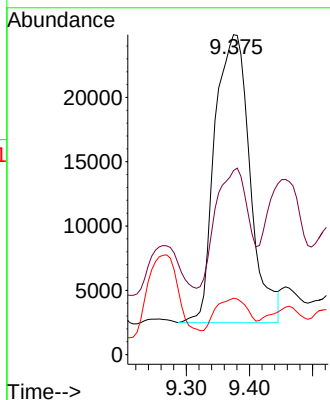
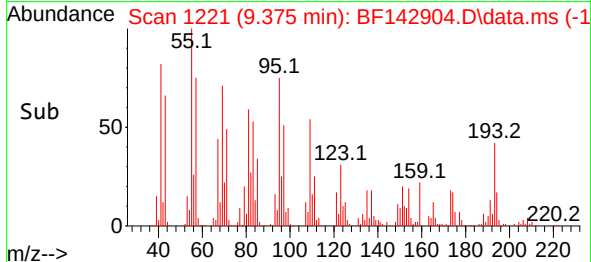
Instrument :
BNA_F
ClientSampleId :
20071



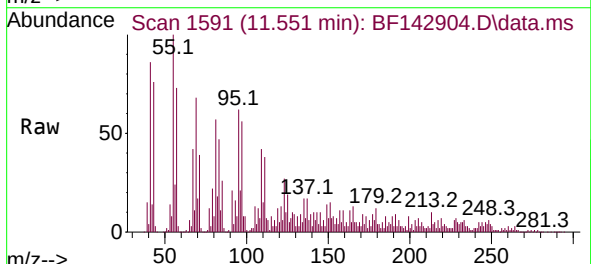
Tgt Ion:154 Resp: 8656
Ion Ratio Lower Upper
154 100
153 57.5 20.3 60.3
76 17.6 0.0 30.3

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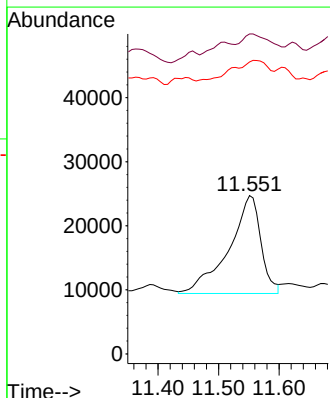
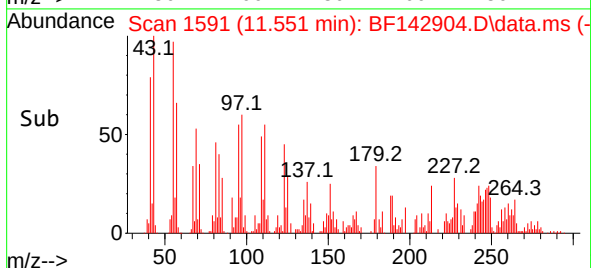
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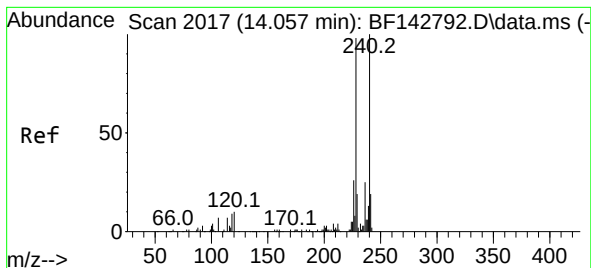


#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.551 min Scan# 1591
Delta R.T. 0.141 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37



Tgt Ion:188 Resp: 56309
Ion Ratio Lower Upper
188 100
94 202.0 6.7 10.1#
80 184.3 6.9 10.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 20

Delta R.T. 0.041 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

Instrument :

BNA_F

ClientSampleId :

20071

Tgt Ion:240 Resp: 30456

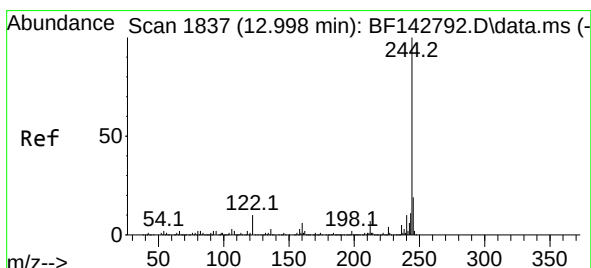
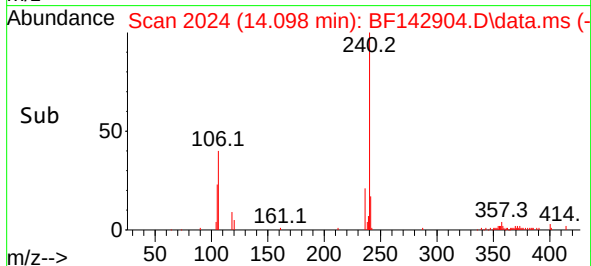
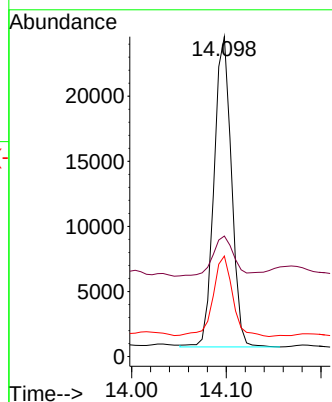
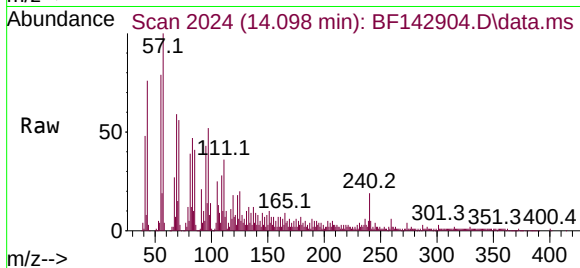
Ion	Ratio	Lower	Upper
240	100		
120	37.7	8.2	12.2#
236	31.4	19.8	29.8#

Manual Integrations

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#79

Terphenyl-d14

Concen: 151.833 ng

RT: 13.139 min Scan# 1861

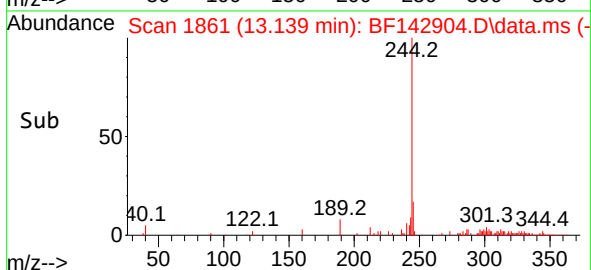
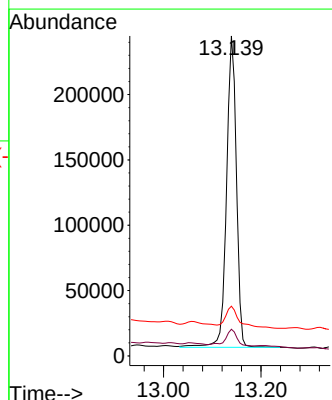
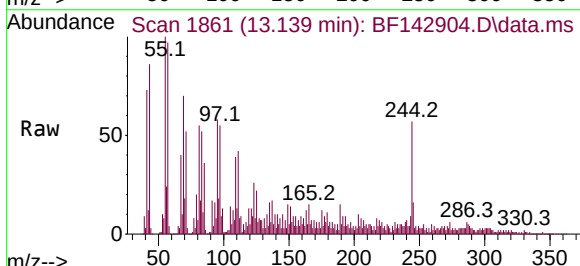
Delta R.T. 0.141 min

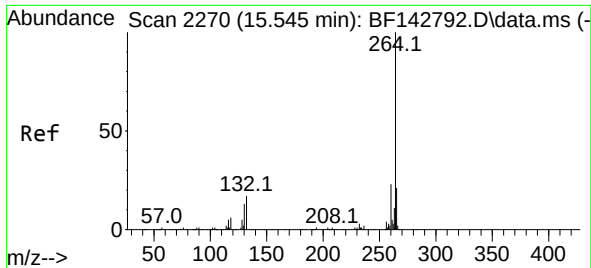
Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

Tgt Ion:244 Resp: 334675

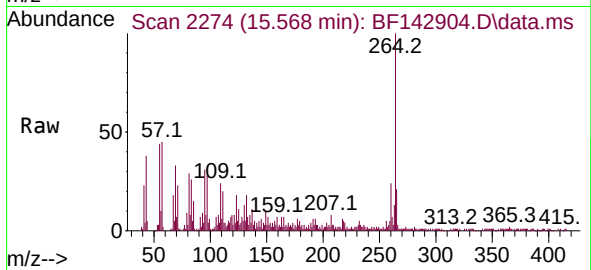
Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.4	8.0#
122	15.5	8.2	12.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF142904.D
 Acq: 27 Jun 2025 20:37

Instrument :
 BNA_F
 ClientSampleId :
 20071



Tgt Ion:264 Resp: 6670
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.1 27.1
 265 21.3 16.6 25.0

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 APPROVED

Reviewed By :Rahul Chavli 06/30/2025
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