

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
 Data File : BF144271.D
 Acq On : 17 Nov 2025 16:58
 Operator : RC/JU
 Sample : Q3641-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-111325

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

Quant Time: Nov 17 17:19:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	52845	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	192320	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	99548	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	162610	20.000	ng	0.00
76) Chrysene-d12	14.045	240	120012	20.000	ng	0.00
86) Perylene-d12	15.527	264	104842	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	12082m	3.578	ng	0.00
7) Phenol-d6	6.492	99	125816	32.881	ng	0.00
23) Nitrobenzene-d5	7.428	82	180878	54.319	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	1117	0.894	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	371618	55.135	ng	0.00
79) Terphenyl-d14	12.986	244	367743	48.672	ng	0.00

Target Compounds Qvalue

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

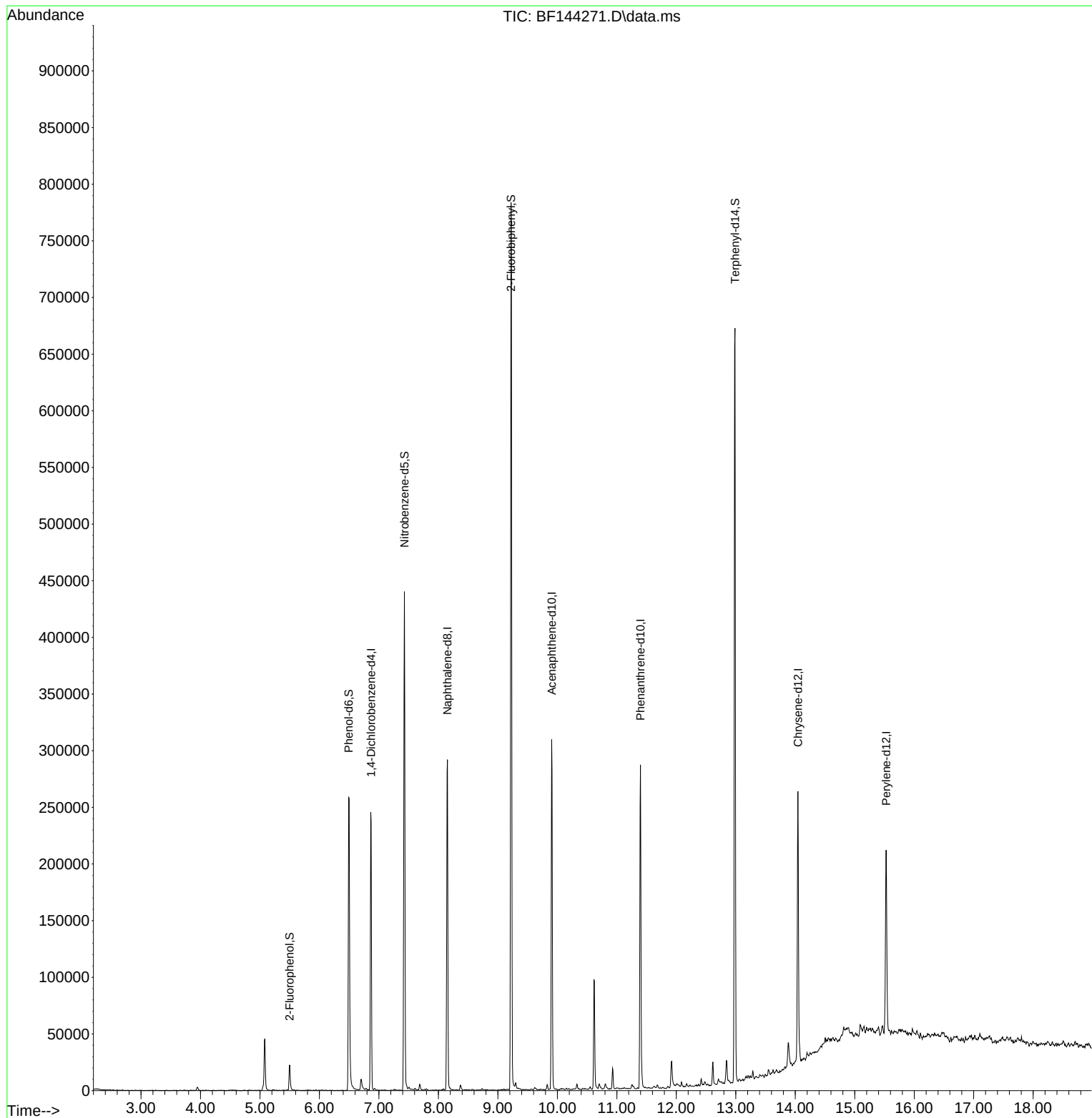
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144271.D
Acq On : 17 Nov 2025 16:58
Operator : RC/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

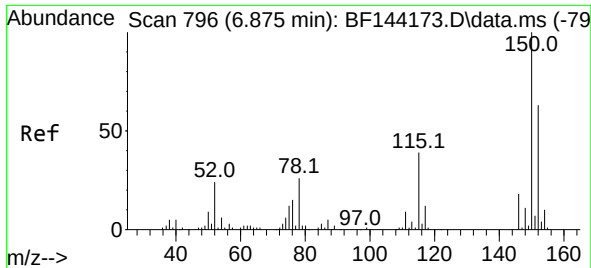
Instrument :
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Quant Time: Nov 17 17:19:30 2025
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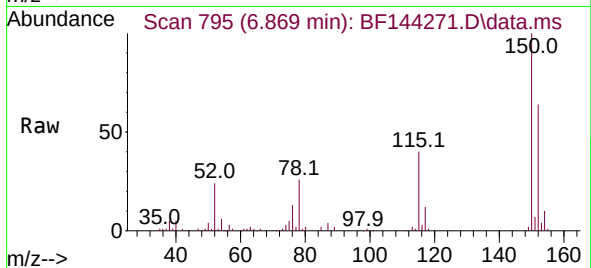
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144271.D
Acq: 17 Nov 2025 16:58

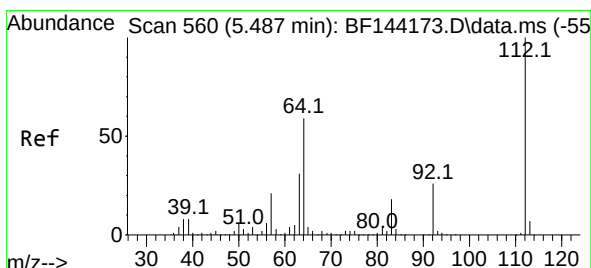
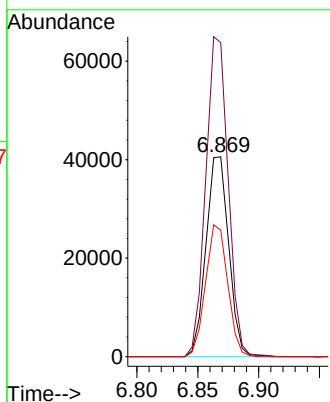
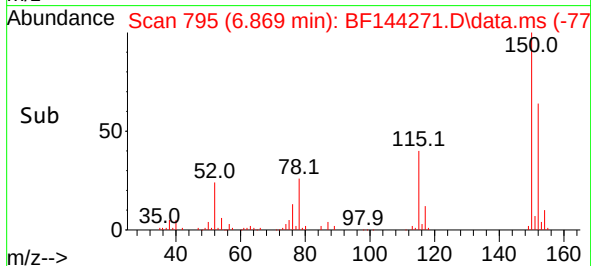
Instrument :
BNA_F
ClientSampleId :
TR-05-111325



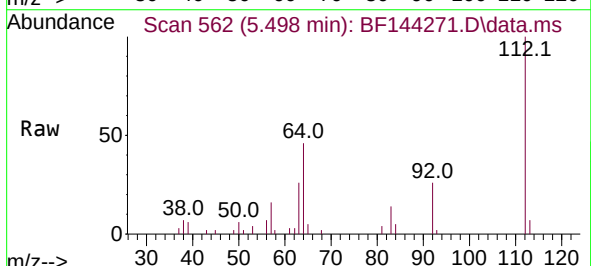
Tgt Ion:152 Resp: 52845
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 63.3 49.5 74.3

Manual Integrations
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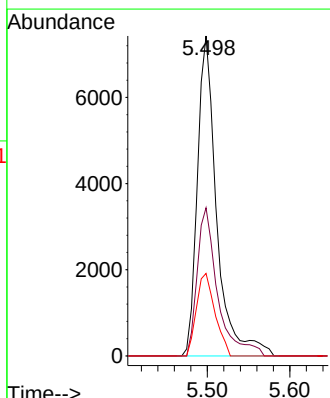
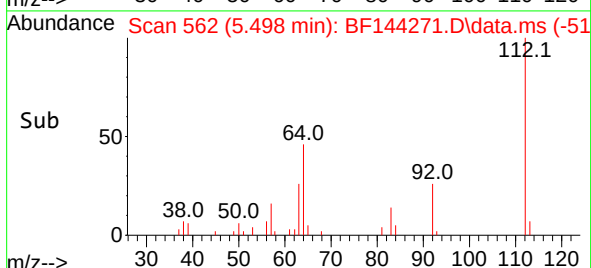
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

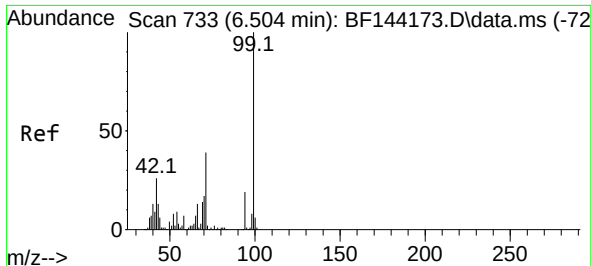


#5
2-Fluorophenol
Concen: 3.578 ng m
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144271.D
Acq: 17 Nov 2025 16:58



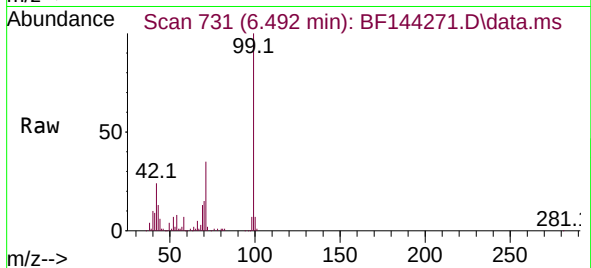
Tgt Ion:112 Resp: 12082
Ion Ratio Lower Upper
112 100
64 46.3 47.2 70.8#
63 25.8 24.4 36.6





#7
Phenol-d6
Concen: 32.881 ng
RT: 6.492 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144271.D
Acq: 17 Nov 2025 16:58

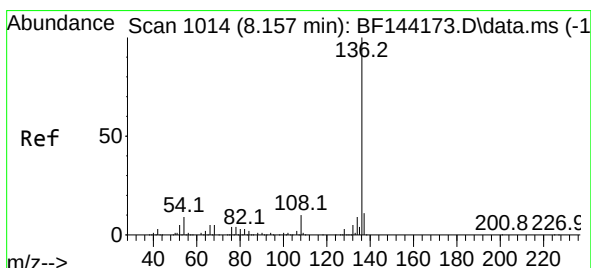
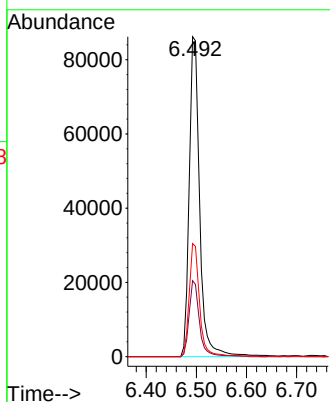
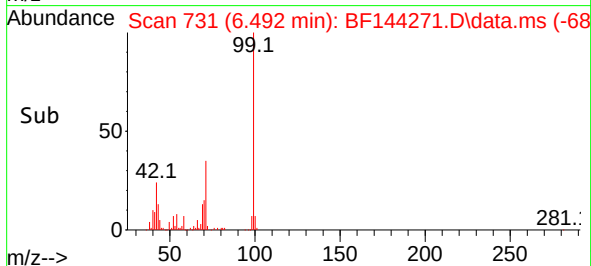
Instrument :
BNA_F
ClientSampleId :
TR-05-111325



Tgt Ion: 99 Resp: 125816
Ion Ratio Lower Upper
99 100
42 23.7 20.9 31.3
71 35.3 31.4 47.2

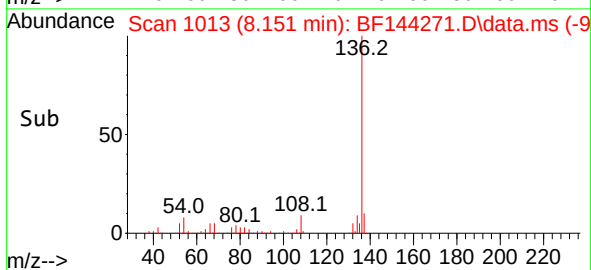
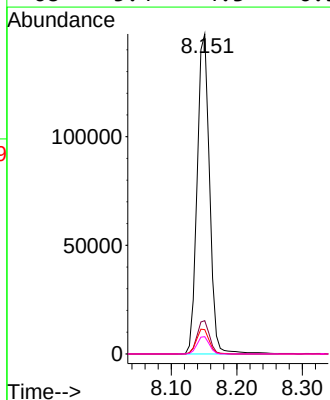
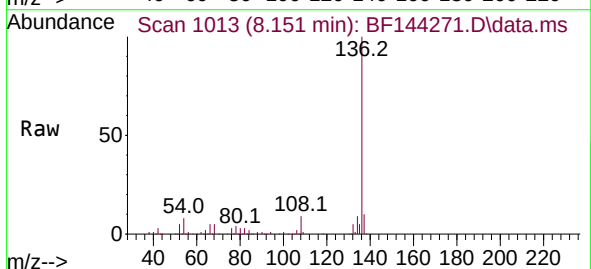
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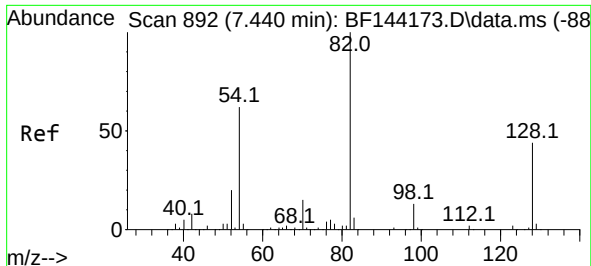
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF144271.D
Acq: 17 Nov 2025 16:58

Tgt Ion:136 Resp: 192320
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.6 7.0 10.6
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 54.319 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144271.D

Acq: 17 Nov 2025 16:58

Instrument :

BNA_F

ClientSampleId :

TR-05-111325

Tgt Ion: 82 Resp: 180878

Ion Ratio Lower Upper

82 100

128 43.8 34.7 52.1

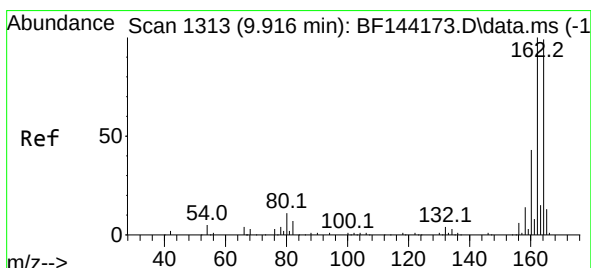
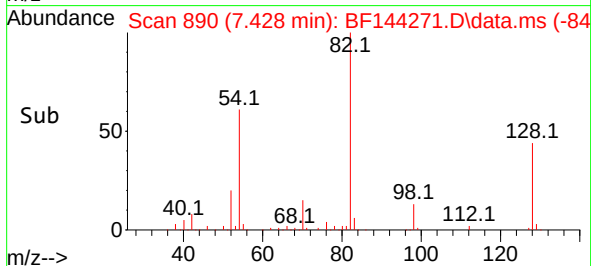
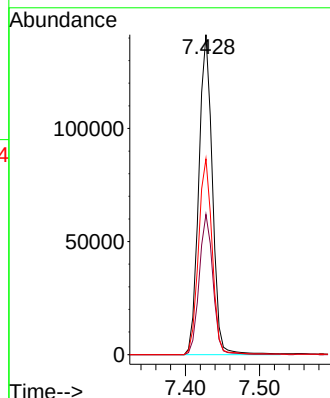
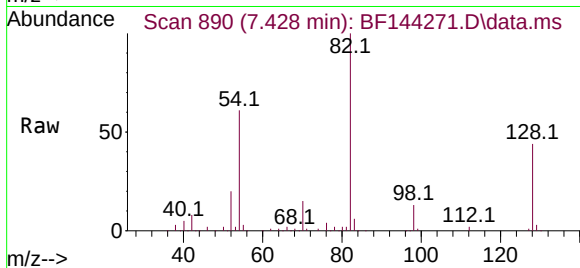
54 61.2 49.5 74.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144271.D

Acq: 17 Nov 2025 16:58

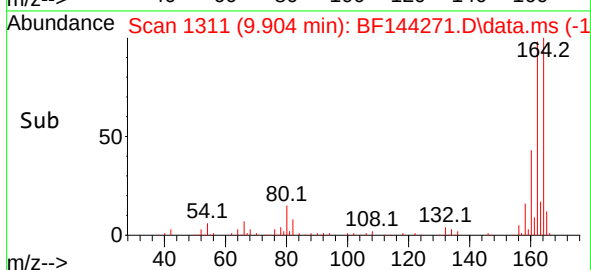
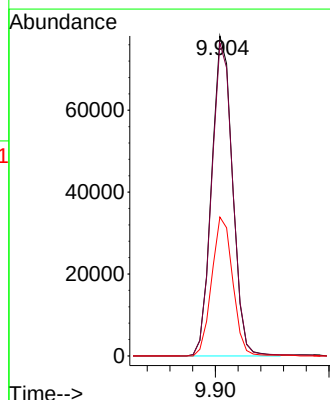
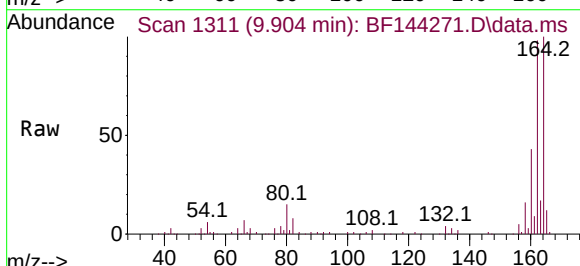
Tgt Ion:164 Resp: 99548

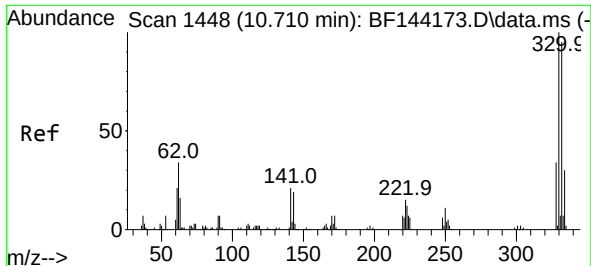
Ion Ratio Lower Upper

164 100

162 97.8 81.1 121.7

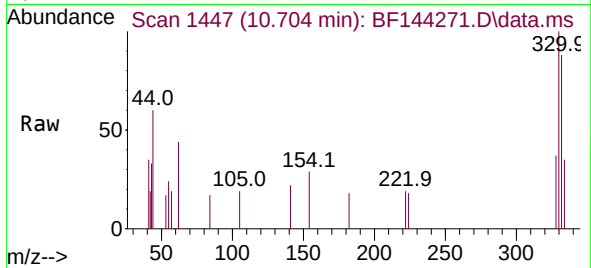
160 43.4 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 0.894 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144271.D
Acq: 17 Nov 2025 16:58

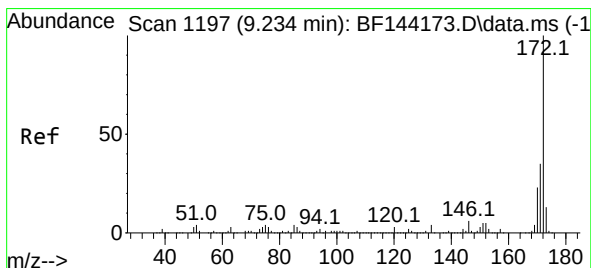
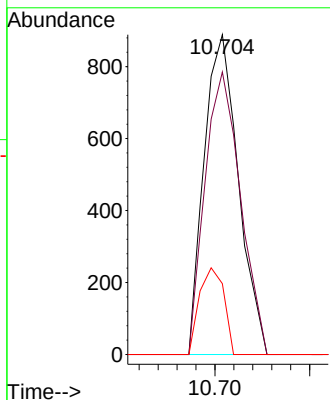
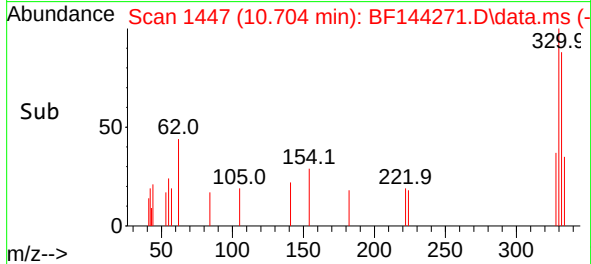
Instrument : BNA_F
ClientSampleId : TR-05-111325



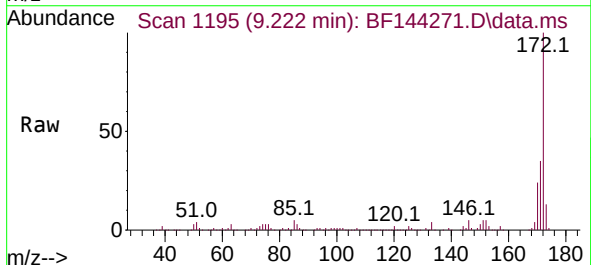
Tgt Ion: 330 Resp: 1117
Ion Ratio Lower Upper
330 100
332 91.4 76.7 115.1
141 19.4 17.8 26.8

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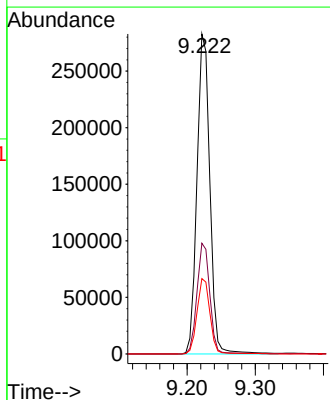
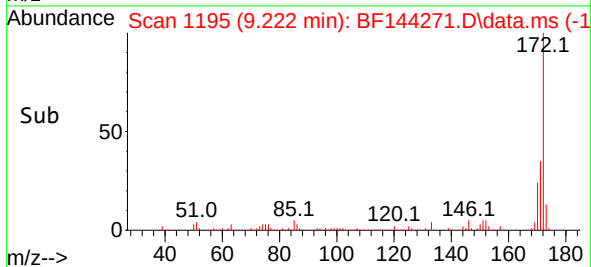
Reviewed By :Jagrut Upadhyay 11/18/2025
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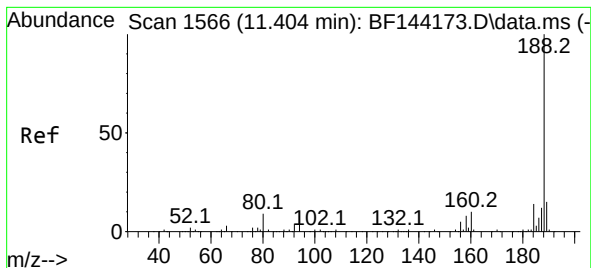


#45
2-Fluorobiphenyl
Concen: 55.135 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144271.D
Acq: 17 Nov 2025 16:58



Tgt Ion: 172 Resp: 371618
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144271.D

Acq: 17 Nov 2025 16:58

Instrument :

BNA_F

ClientSampleId :

TR-05-111325

Tgt Ion:188 Resp: 162610

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.2

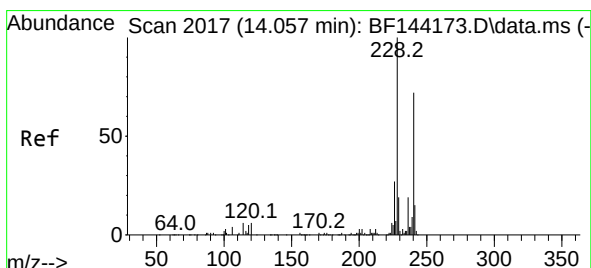
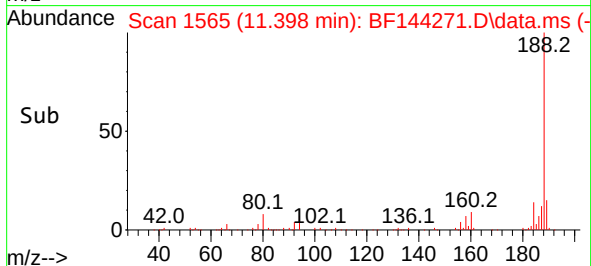
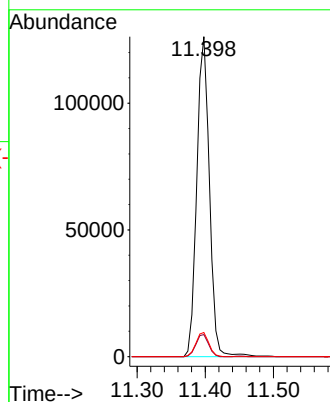
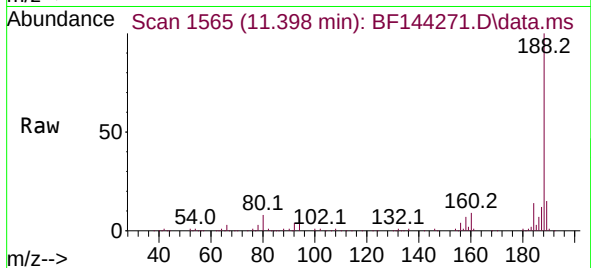
80 7.5 6.9 10.3

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144271.D

Acq: 17 Nov 2025 16:58

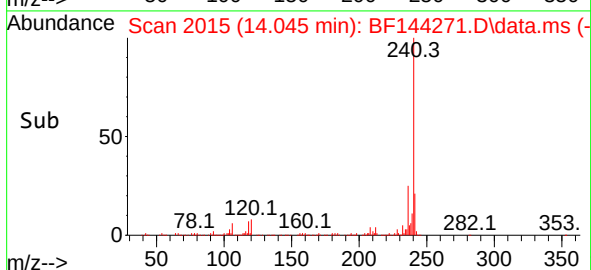
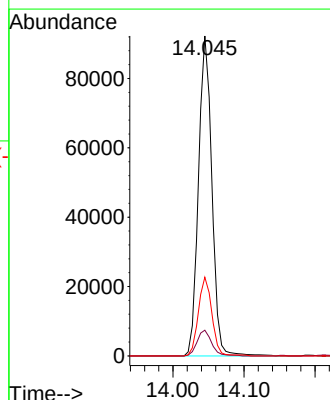
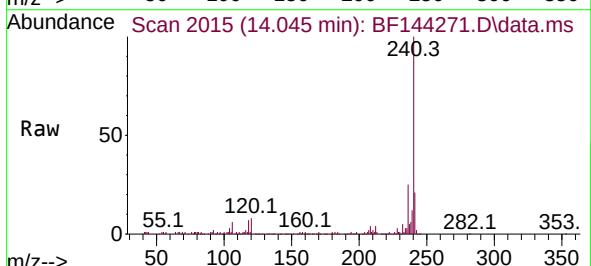
Tgt Ion:240 Resp: 120012

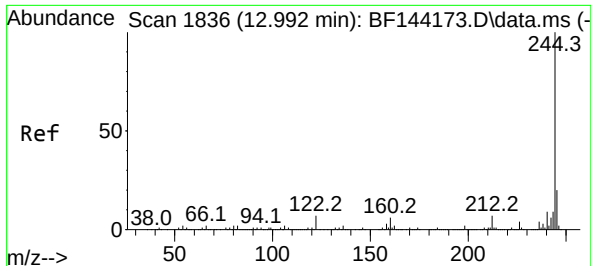
Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

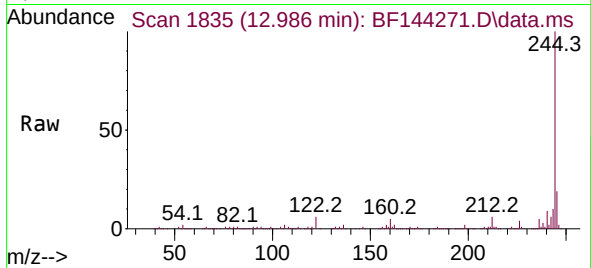
236 24.6 21.4 32.2





#79
Terphenyl-d14
Concen: 48.672 ng
RT: 12.986 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF144271.D
Acq: 17 Nov 2025 16:58

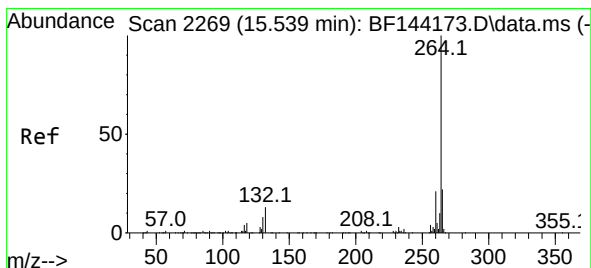
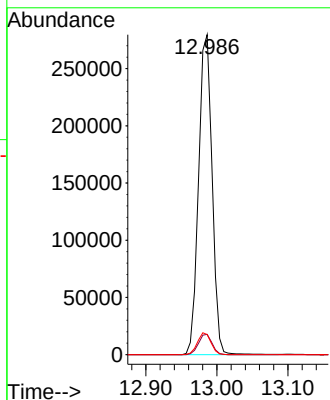
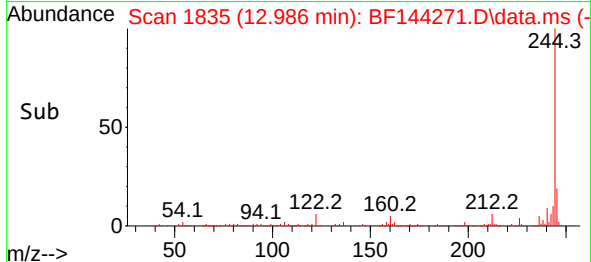
Instrument :
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TR-05-111325



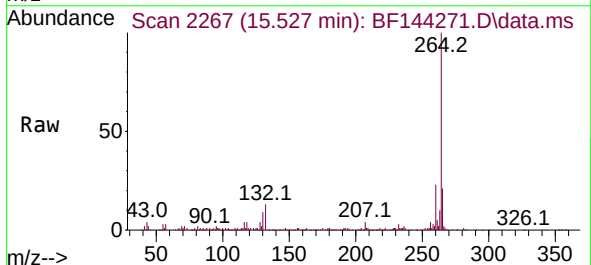
Tgt Ion:244 Resp: 367743
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 6.3 5.6 8.4

Manual Integrations
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144271.D
Acq: 17 Nov 2025 16:58



Tgt Ion:264 Resp: 104842
Ion Ratio Lower Upper
264 100
260 22.7 17.1 25.7
265 20.8 17.4 26.0

