

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
 Data File : BF144270.D
 Acq On : 17 Nov 2025 16:28
 Operator : RC/JU
 Sample : Q3638-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0328

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 16:56:23 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	53256	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	192607	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	102202	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	165279	20.000	ng	0.00
76) Chrysene-d12	14.051	240	114750	20.000	ng	0.00
86) Perylene-d12	15.533	264	111463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	18963	5.572	ng	0.00
7) Phenol-d6	6.504	99	21617m	5.606	ng	0.00
23) Nitrobenzene-d5	7.428	82	17064	5.117	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	6462	5.039	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	40931	5.915	ng	0.00
79) Terphenyl-d14	12.986	244	43525	6.025	ng	0.00

Target Compounds Qvalue

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

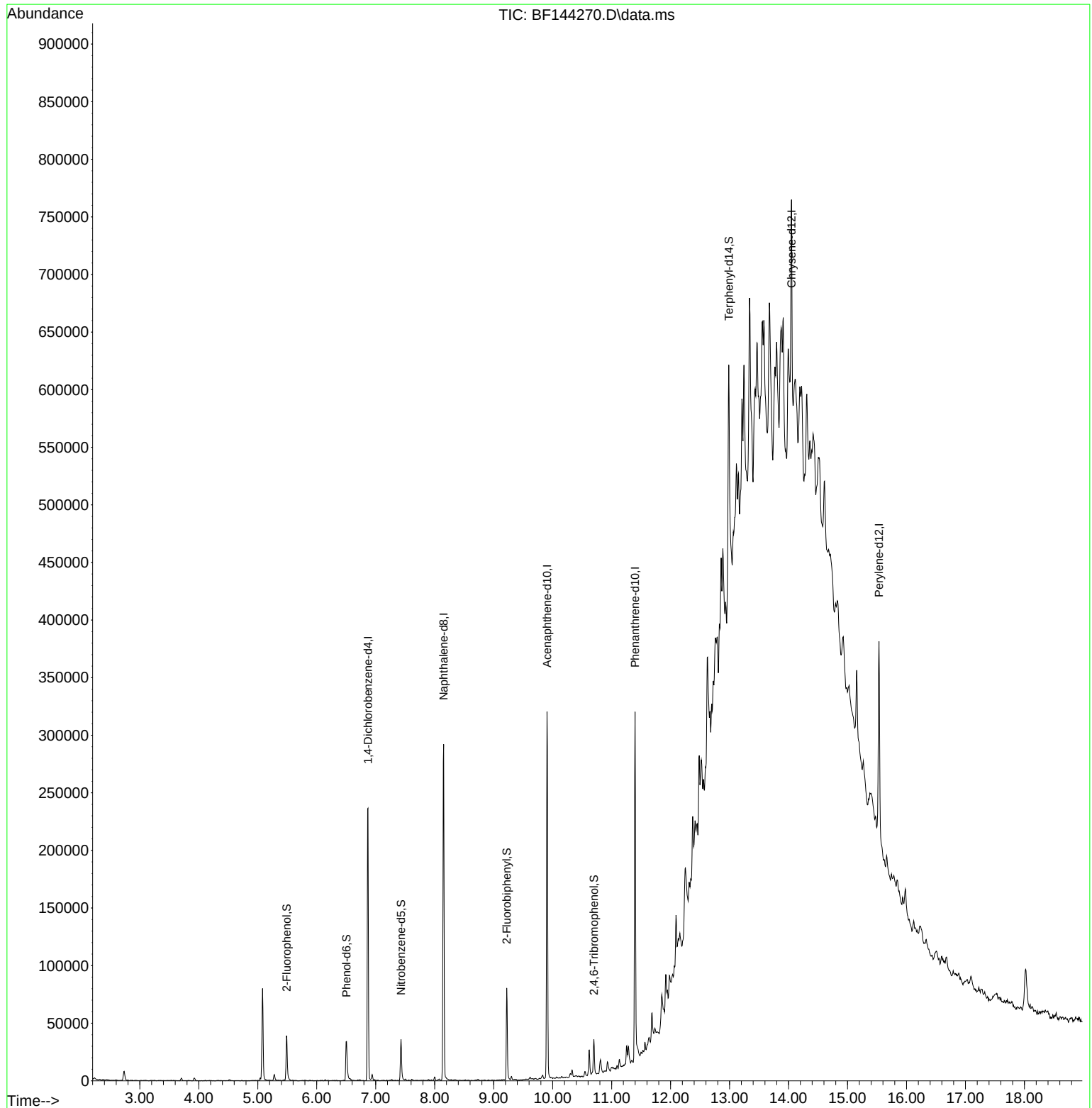
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144270.D
Acq On : 17 Nov 2025 16:28
Operator : RC/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

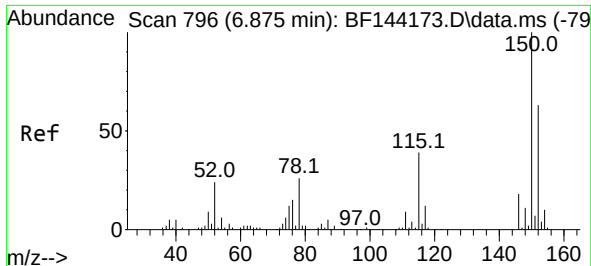
Instrument :
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Quant Time: Nov 17 16:56:23 2025
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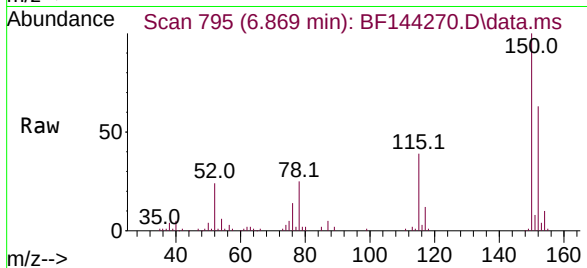
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144270.D
Acq: 17 Nov 2025 16:28

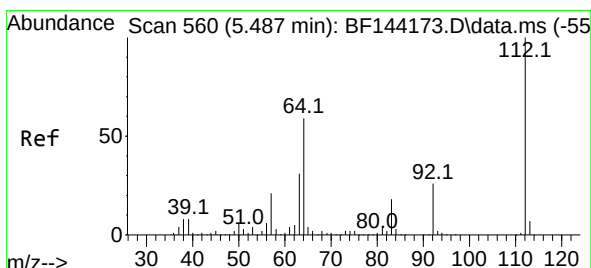
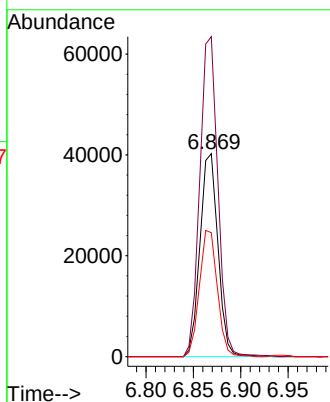
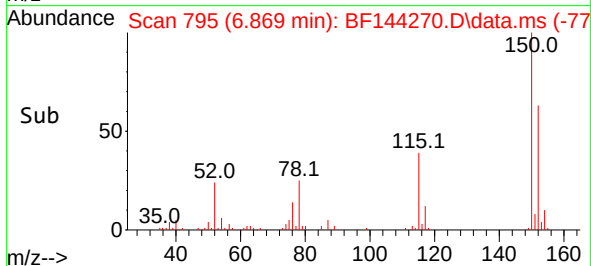
Instrument :
BNA_F
ClientSampleId :
MOO-25-0328



Tgt Ion:152 Resp: 53256
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 61.1 49.5 74.3

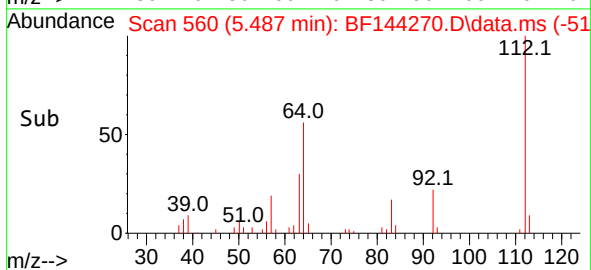
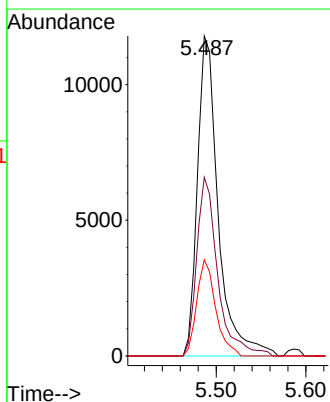
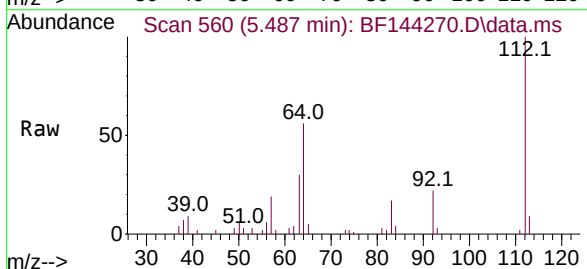
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#5
2-Fluorophenol
Concen: 5.572 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144270.D
Acq: 17 Nov 2025 16:28

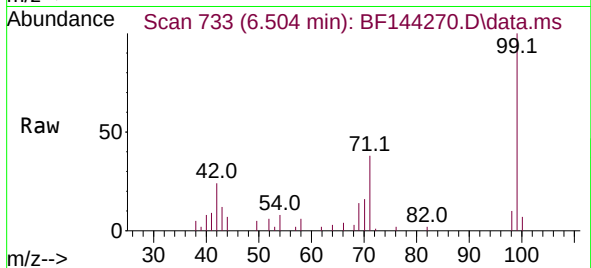
Tgt Ion:112 Resp: 18963
Ion Ratio Lower Upper
112 100
64 55.8 47.2 70.8
63 30.0 24.4 36.6





#7
Phenol-d6
Concen: 5.606 ng m
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144270.D
Acq: 17 Nov 2025 16:28

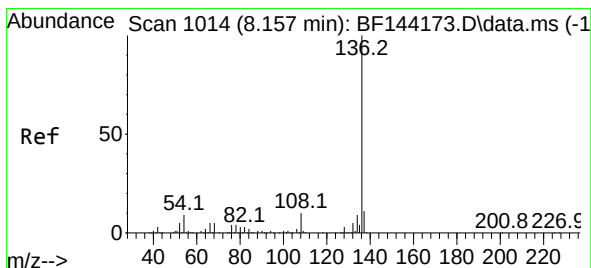
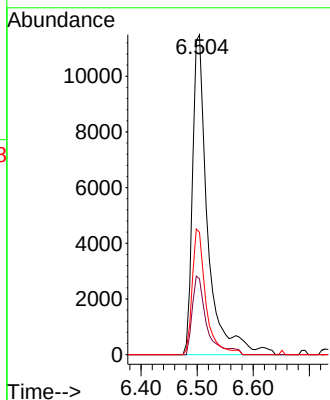
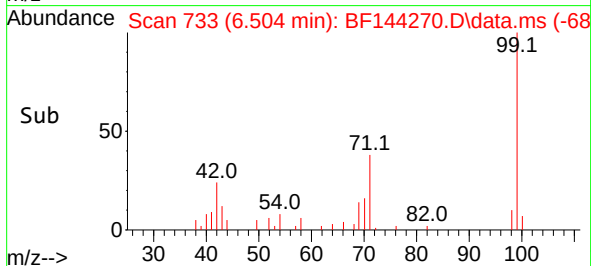
Instrument :
BNA_F
ClientSampleId :
MOO-25-0328



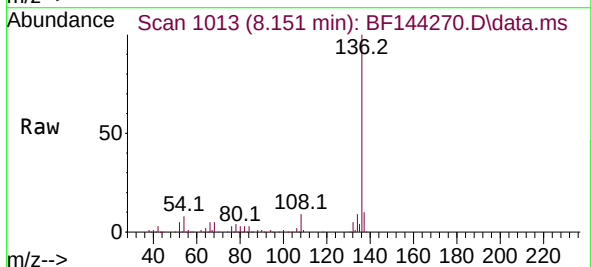
Tgt Ion:	99	Resp:	2161
Ion Ratio	100	Lower	Upper
99	100		
42	23.7	20.9	31.3
71	38.2	31.4	47.2

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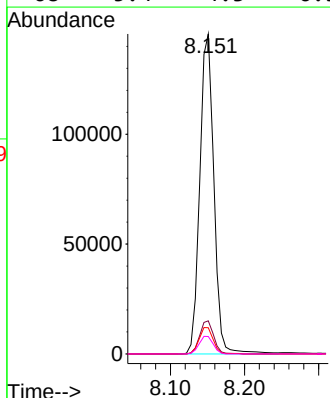
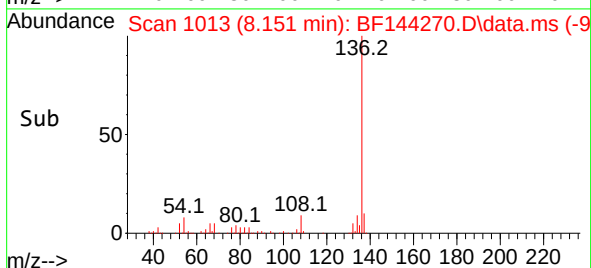
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

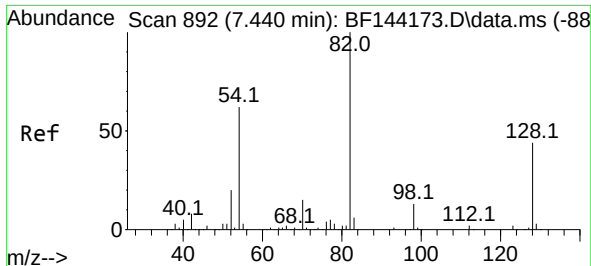


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF144270.D
Acq: 17 Nov 2025 16:28



Tgt Ion:	136	Resp:	192607
Ion Ratio	100	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.2	7.0	10.6
68	5.4	4.3	6.5





#23

Nitrobenzene-d5

Concen: 5.117 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144270.D

Acq: 17 Nov 2025 16:28

Instrument :

BNA_F

ClientSampleId :

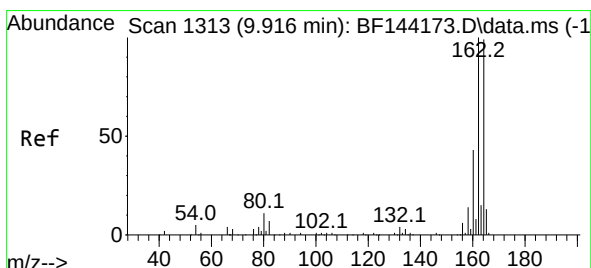
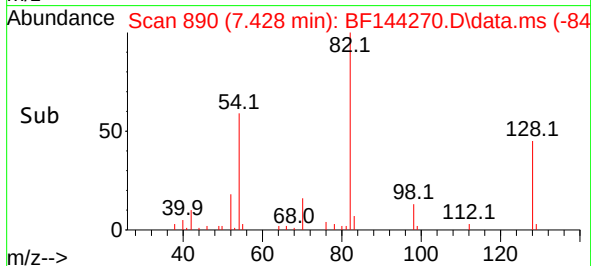
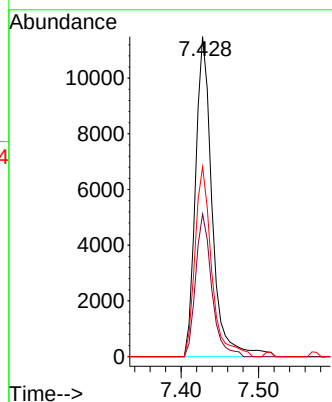
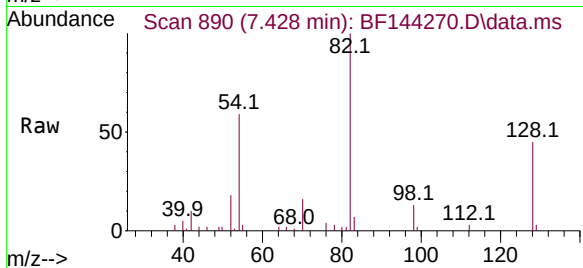
MOO-25-0328

Tgt Ion: 82 Resp: 17064
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.7 52.1
 54 59.3 49.5 74.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

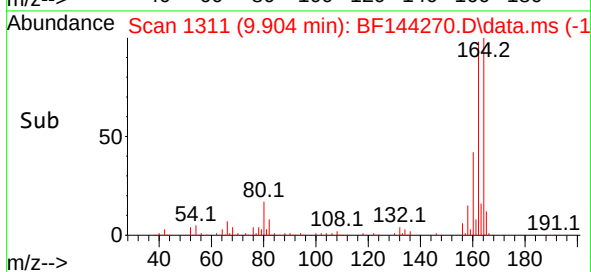
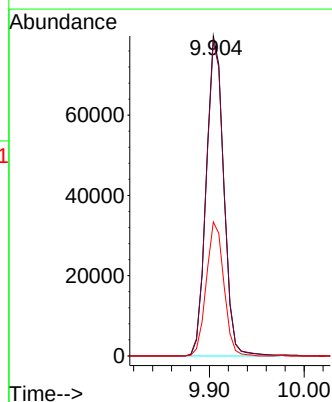
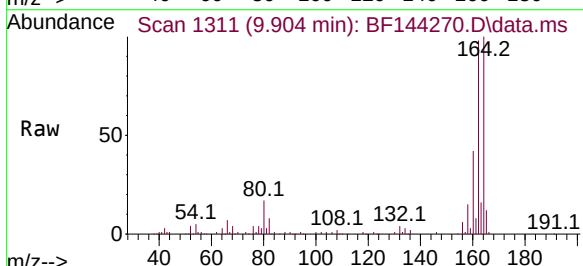
RT: 9.904 min Scan# 1311

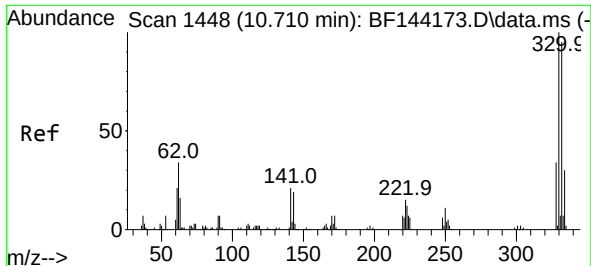
Delta R.T. -0.012 min

Lab File: BF144270.D

Acq: 17 Nov 2025 16:28

Tgt Ion:164 Resp: 102202
 Ion Ratio Lower Upper
 164 100
 162 98.3 81.1 121.7
 160 41.8 34.5 51.7





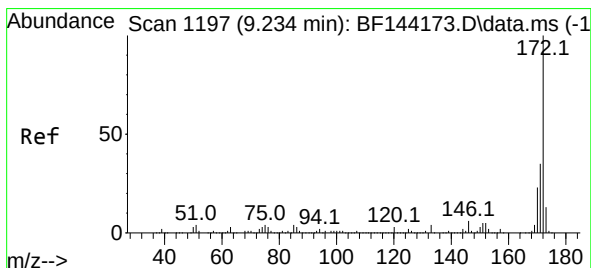
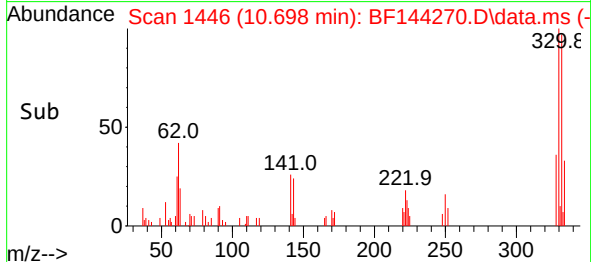
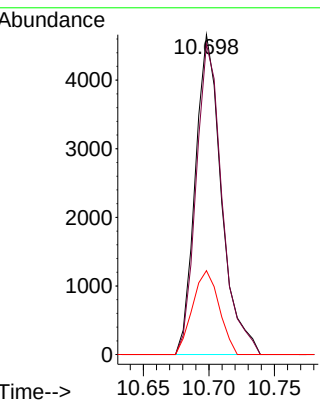
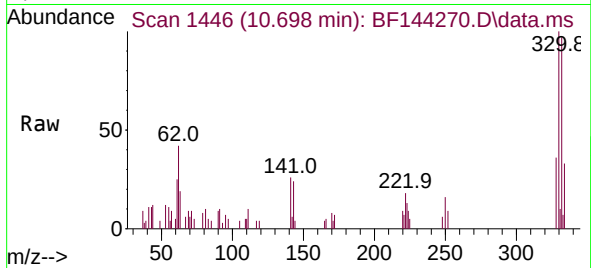
#42
2,4,6-Tribromophenol
Concen: 5.039 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144270.D
Acq: 17 Nov 2025 16:28

Instrument : BNA_F
ClientSampleId : MOO-25-0328

Tgt Ion: 330 Resp: 6462
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 26.6 17.8 26.8

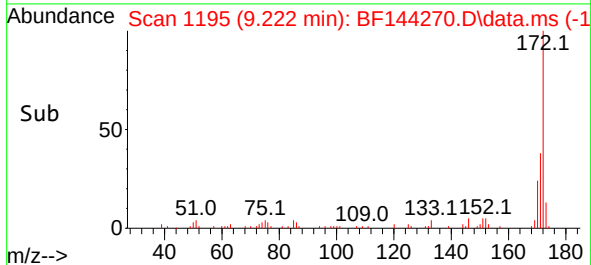
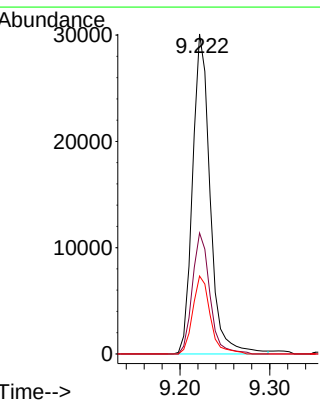
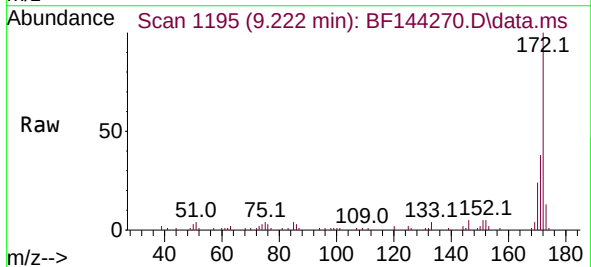
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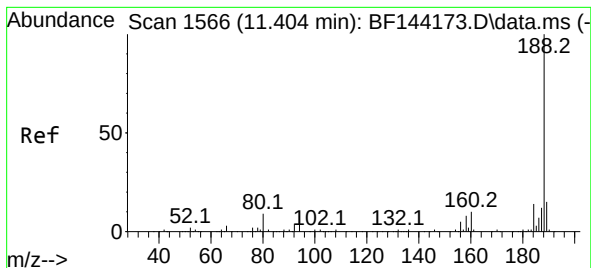
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#45
2-Fluorobiphenyl
Concen: 5.915 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144270.D
Acq: 17 Nov 2025 16:28

Tgt Ion: 172 Resp: 40931
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 24.3 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: BF144270.D

Acq: 17 Nov 2025 16:28

Instrument :

BNA_F

ClientSampleId :

MOO-25-0328

Tgt Ion:188 Resp: 165279

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.2

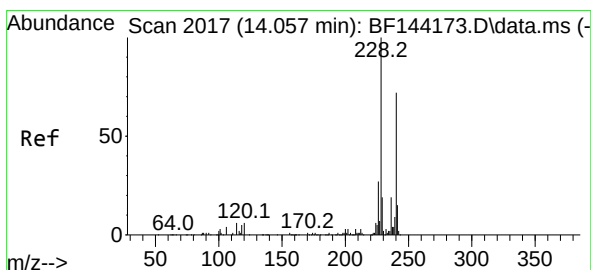
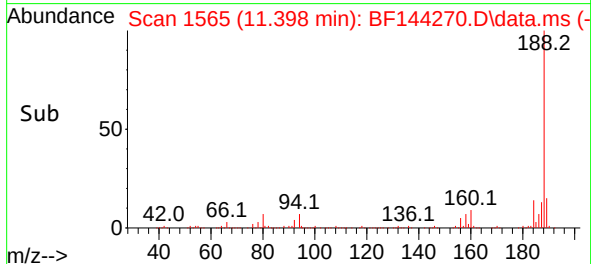
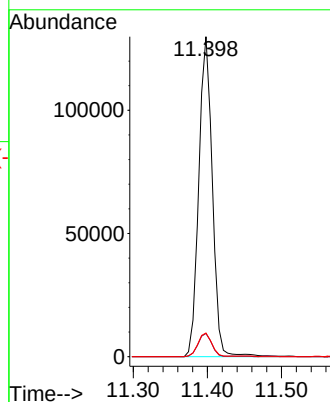
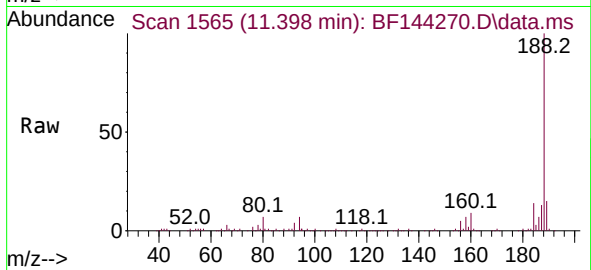
80 7.4 6.9 10.3

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF144270.D

Acq: 17 Nov 2025 16:28

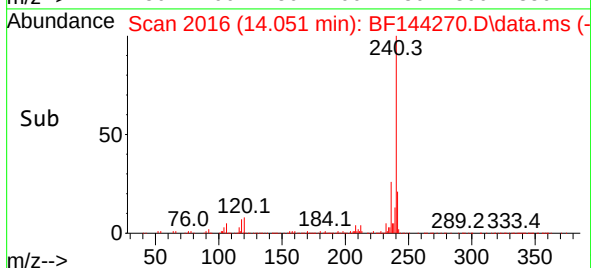
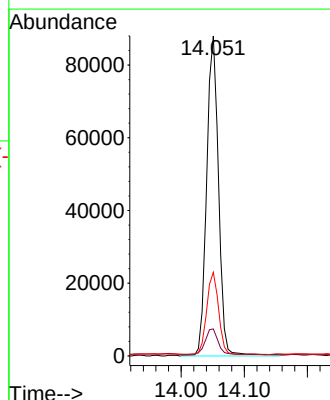
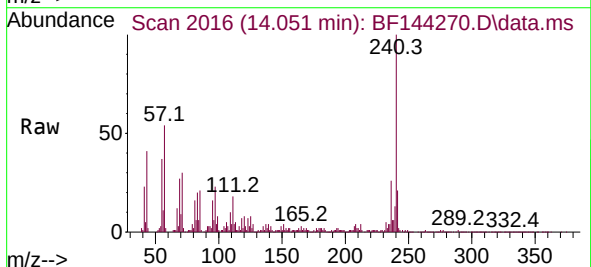
Tgt Ion:240 Resp: 114750

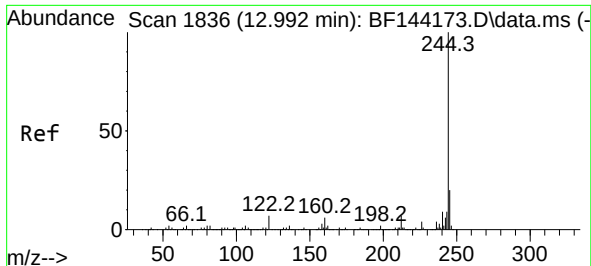
Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

236 26.1 21.4 32.2





#79
 Terphenyl-d14
 Concen: 6.025 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144270.D
 Acq: 17 Nov 2025 16:28

Instrument :

BNA_F

ClientSampleId :

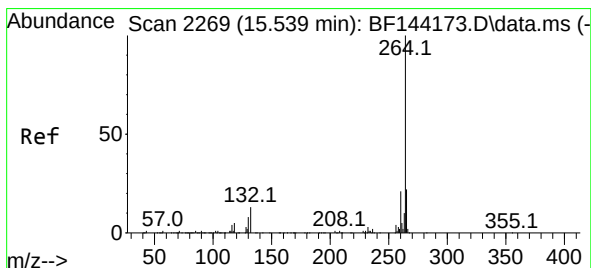
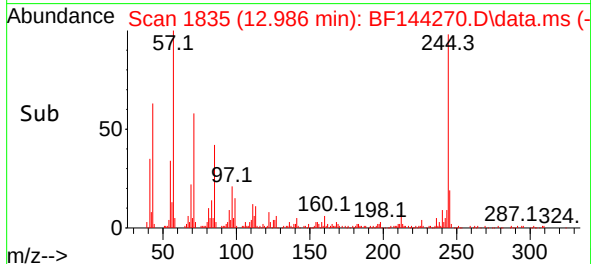
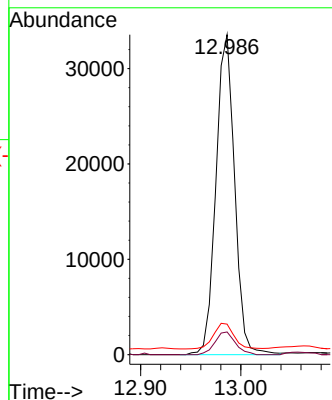
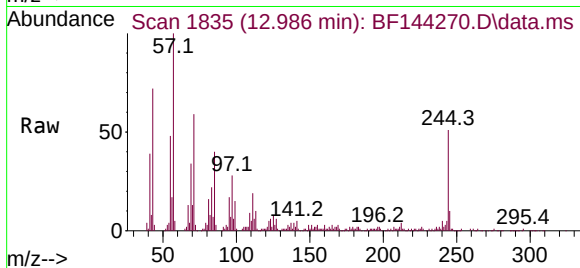
MOO-25-0328

Tgt Ion:244 Resp: 43525
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.3 7.9
 122 9.5 5.6 8.4

Manual Integrations

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144270.D
 Acq: 17 Nov 2025 16:28

Tgt Ion:264 Resp: 111463
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.1 25.7
 265 20.5 17.4 26.0

