

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144141.D
 Acq On : 29 Oct 2025 21:28
 Operator : RC/JU
 Sample : Q3472-10 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025

Quant Time: Oct 30 02:23:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	46412	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	175946	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	80281	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	103796	20.000	ng	# 0.01
76) Chrysene-d12	14.057	240	139397	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	131367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	6.546	99	1136	0.351	ng	0.04
23) Nitrobenzene-d5	7.451	82	1807m	0.563	ng	0.01
42) 2,4,6-Tribromophenol	10.722	330	773	0.756	ng	0.01
45) 2-Fluorobiphenyl	9.234	172	7878	1.381	ng	0.00
79) Terphenyl-d14	13.004	244	8335	1.045	ng	0.00

Target Compounds Qvalue

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

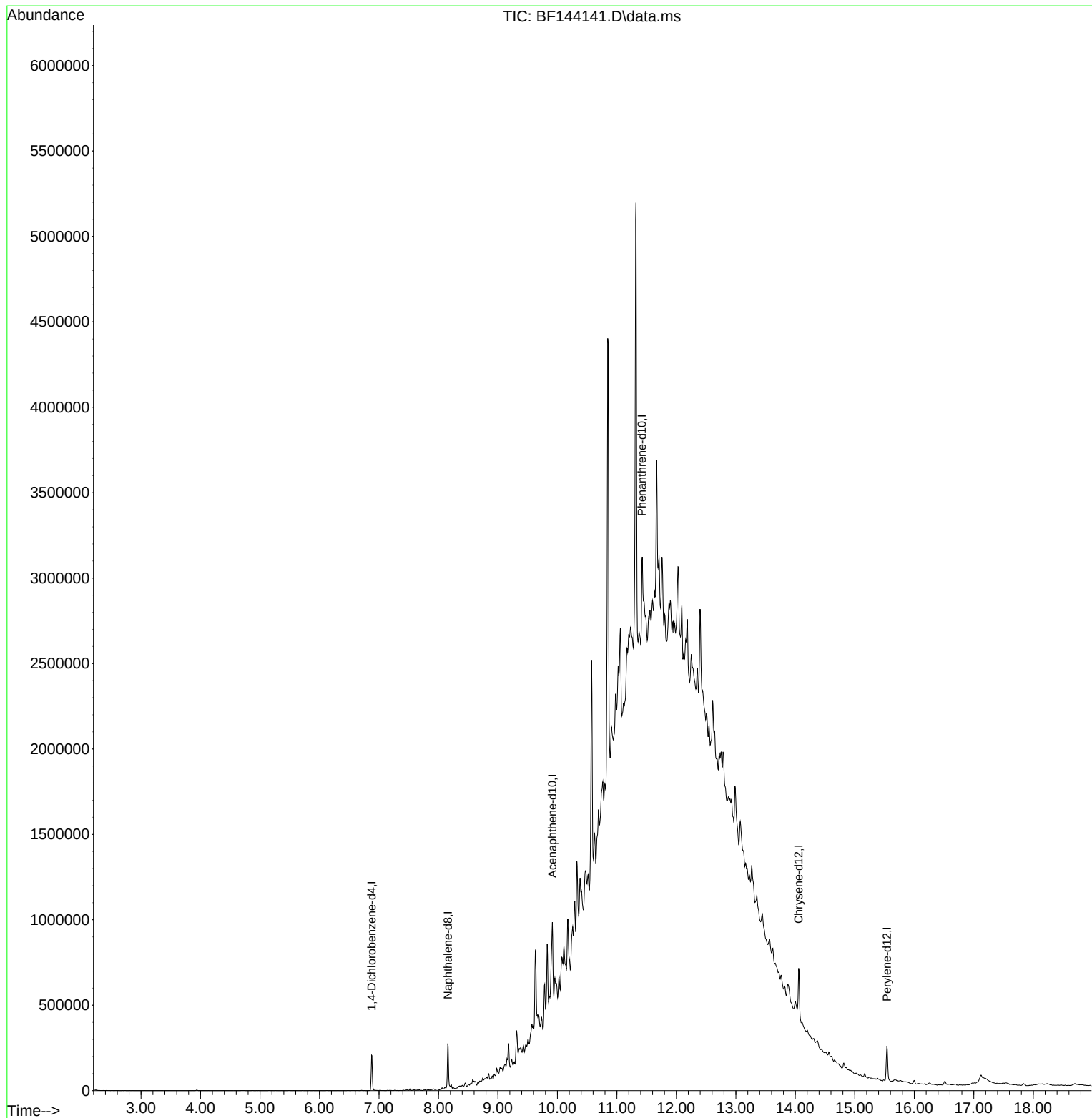
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
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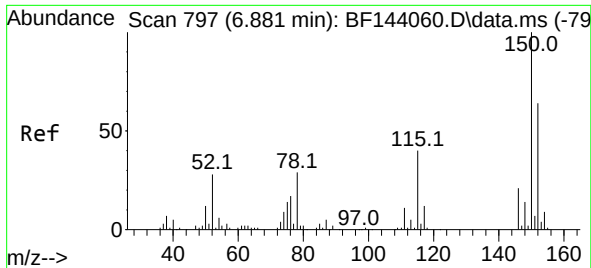
Instrument :
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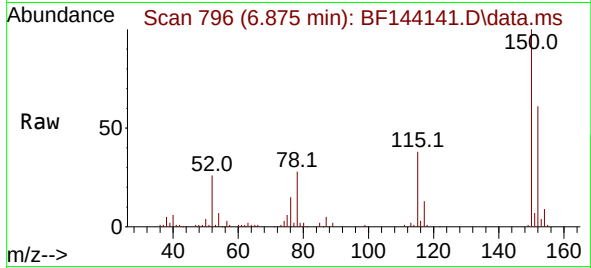
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144141.D
 Acq: 29 Oct 2025 21:28

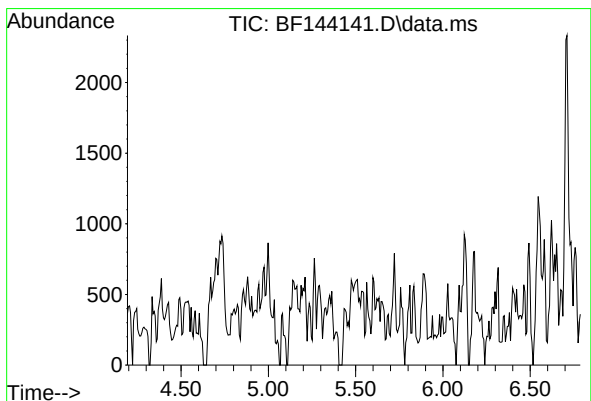
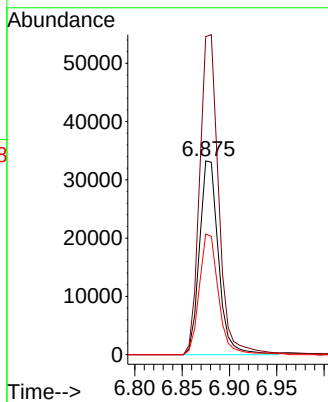
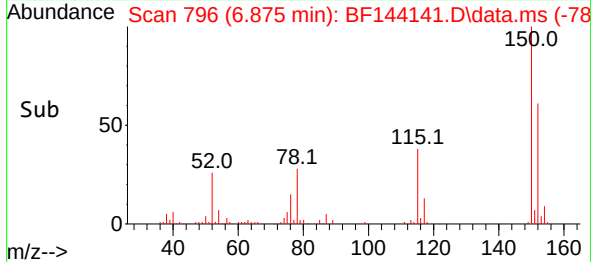
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4



Tgt Ion:152 Resp: 4641
 Ion Ratio Lower Upper
 152 100
 150 164.1 124.4 186.6
 115 62.3 49.4 74.0

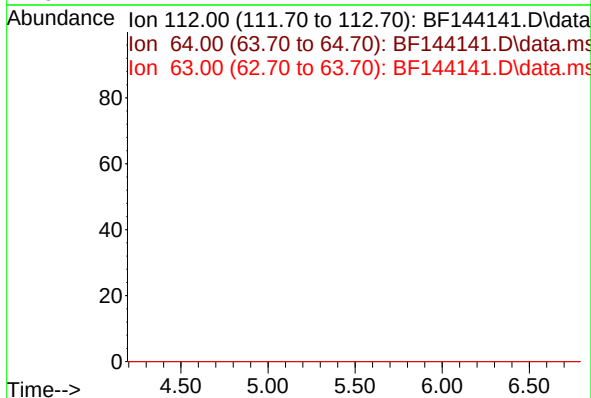
Manual Integrations
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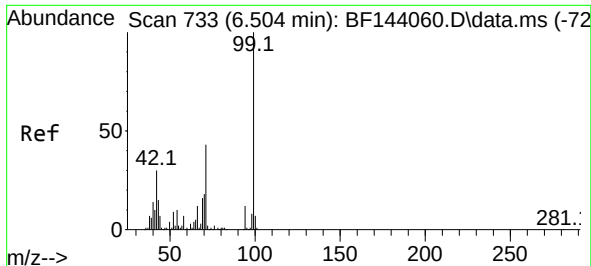
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.49 min
 Lab File: BF144141.D
 Acq: 29 Oct 2025 21:28

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 62.3
 63 34.3





#7

Phenol-d6

Concen: 0.351 ng

RT: 6.546 min Scan# 74

Delta R.T. 0.041 min

Lab File: BF144141.D

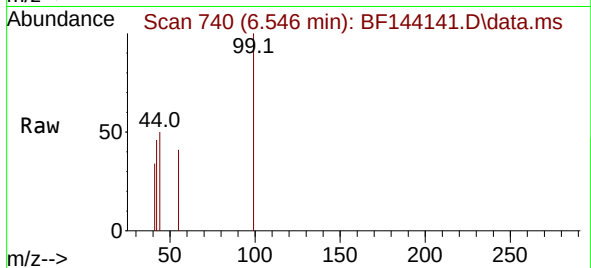
Acq: 29 Oct 2025 21:28

Instrument :

BNA_F

ClientSampleId :

COMP-4



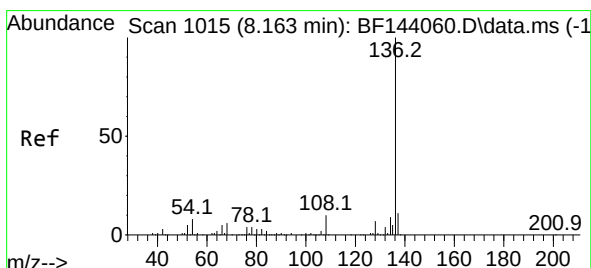
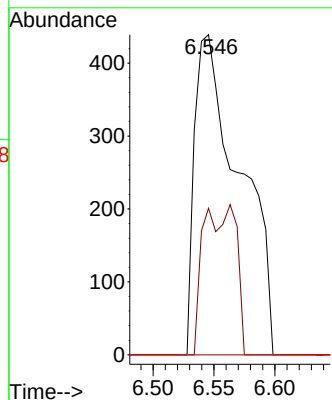
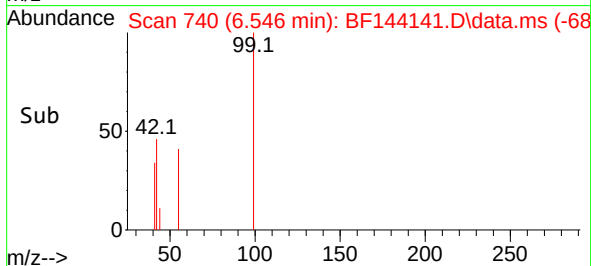
Tgt Ion:	99	Resp:	1130
Ion	Ratio	Lower	Upper
99	100		
42	45.8	23.9	35.9
71	0.0	34.4	51.6

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.000 ng

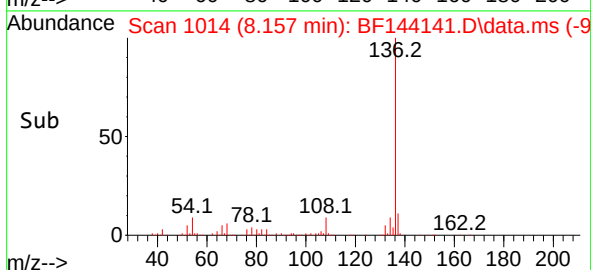
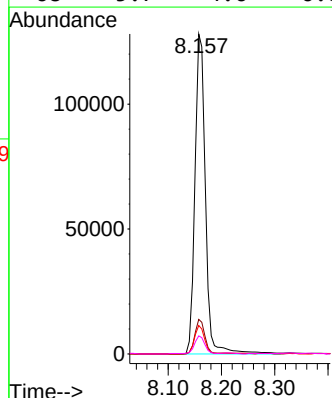
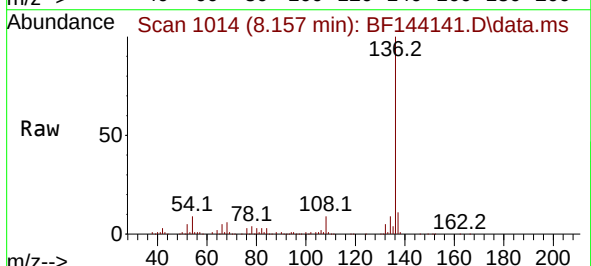
RT: 8.157 min Scan# 1014

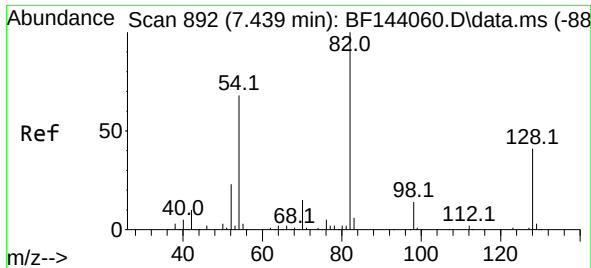
Delta R.T. -0.006 min

Lab File: BF144141.D

Acq: 29 Oct 2025 21:28

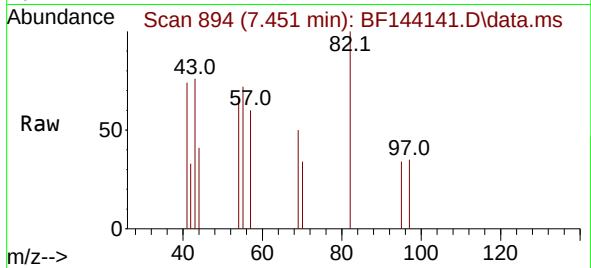
Tgt Ion:	136	Resp:	175946
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.9	6.6	9.8
68	5.7	4.6	6.8





#23
Nitrobenzene-d5
Concen: 0.563 ng m
RT: 7.451 min Scan# 894
Delta R.T. 0.012 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

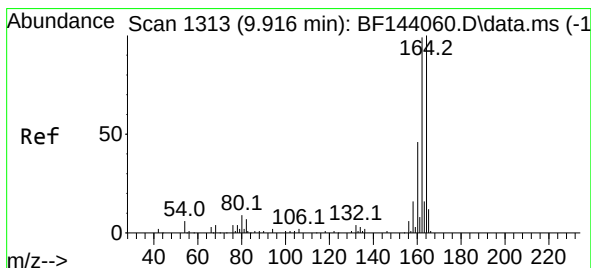
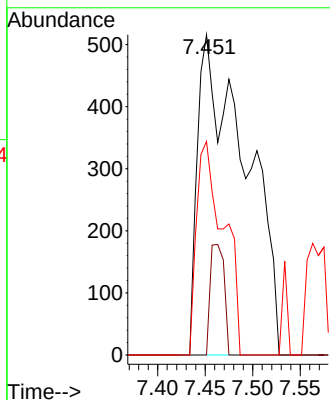
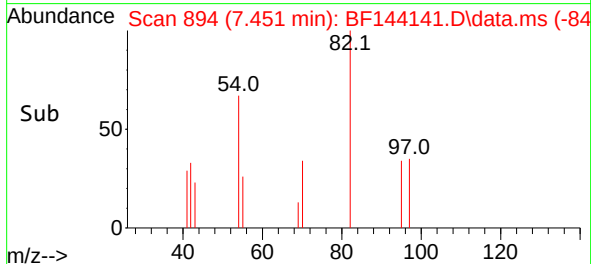
Instrument :
BNA_F
ClientSampleId :
COMP-4



Tgt Ion: 82 Resp: 180
Ion Ratio Lower Upper
82 100
128 0.0 32.4 48.6
54 66.7 54.0 81.0

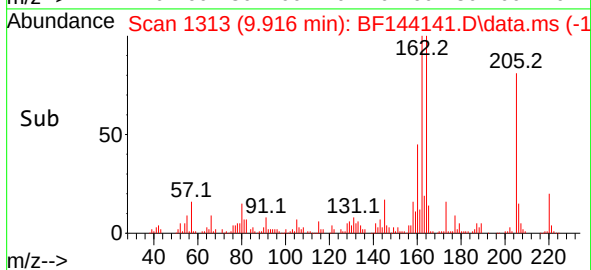
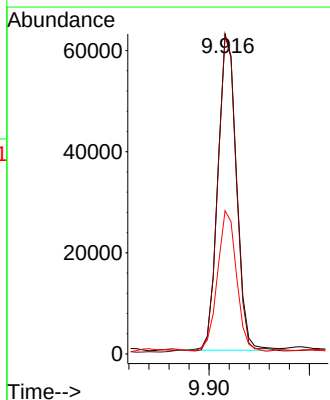
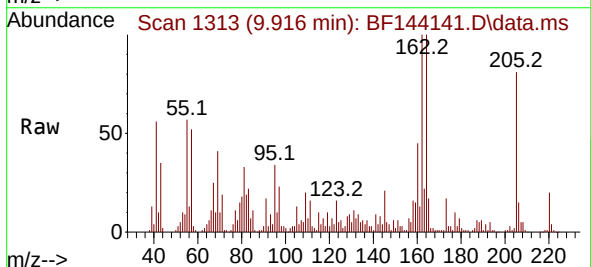
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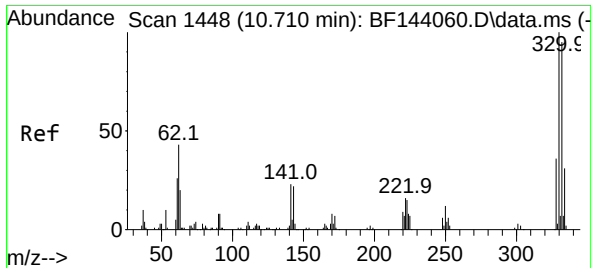
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

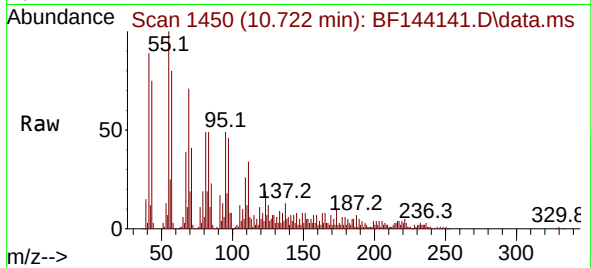
Tgt Ion:164 Resp: 80281
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.2
160 44.7 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 0.756 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

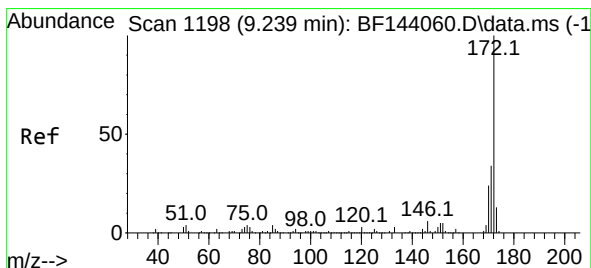
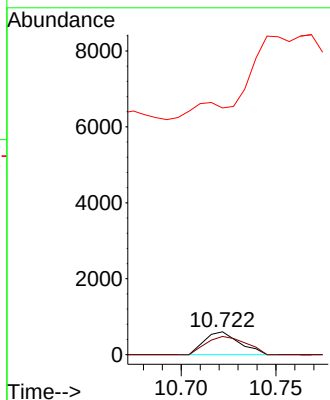
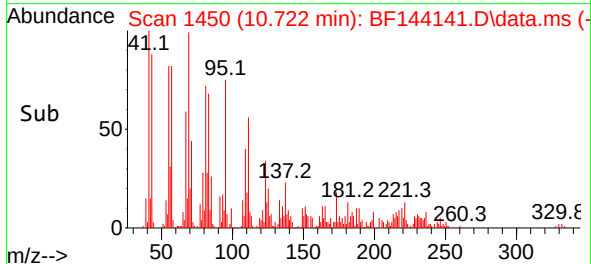
Instrument :
BNA_F
ClientSampleId :
COMP-4



Tgt Ion: 330 Resp: 77.0
Ion Ratio Lower Upper
330 100
332 91.1 77.0 115.6
141 0.0 19.4 29.0

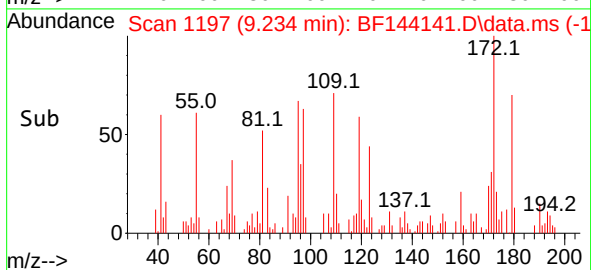
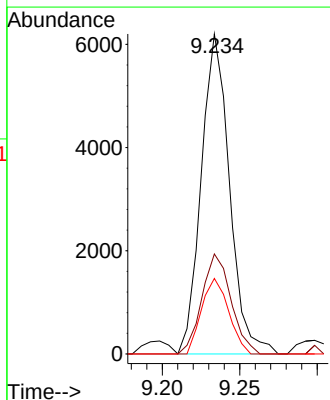
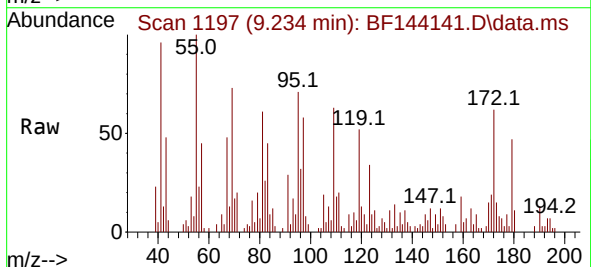
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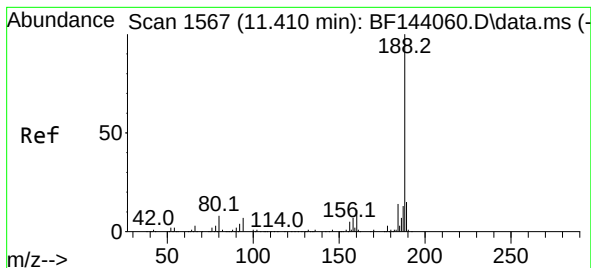
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#45
2-Fluorobiphenyl
Concen: 1.381 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

Tgt Ion: 172 Resp: 7878
Ion Ratio Lower Upper
172 100
171 31.2 27.5 41.3
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. 0.012 min

Lab File: BF144141.D

Acq: 29 Oct 2025 21:28

Instrument :

BNA_F

ClientSampleId :

COMP-4

Tgt Ion:188 Resp: 103790

Ion Ratio Lower Upper

188 100

94 18.6 5.4 8.0

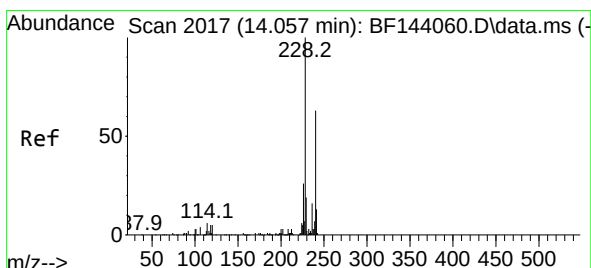
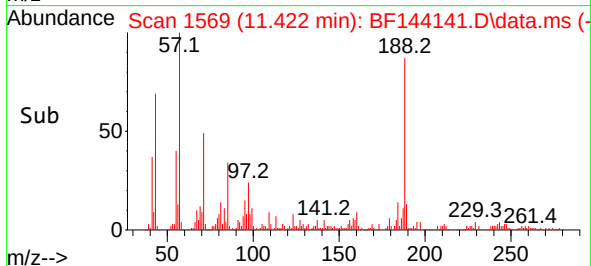
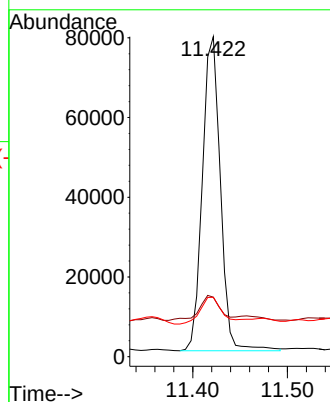
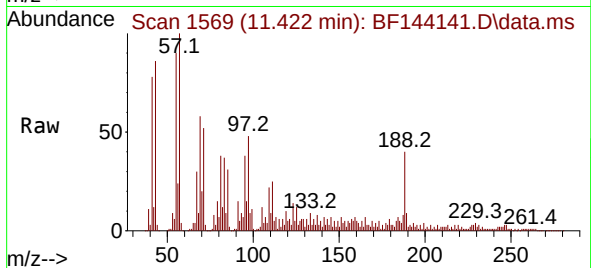
80 18.6 6.0 9.0

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BF144141.D

Acq: 29 Oct 2025 21:28

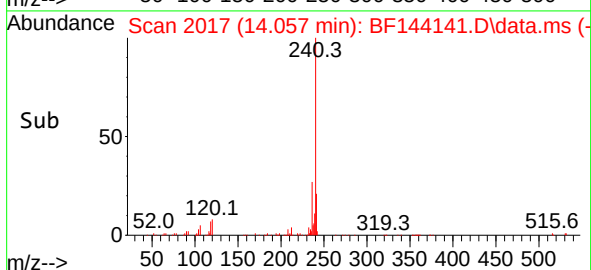
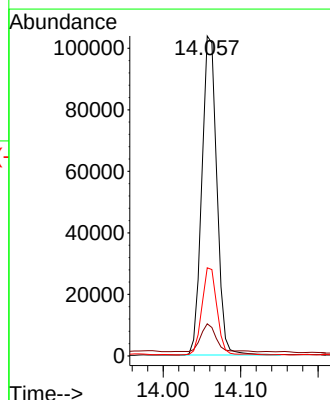
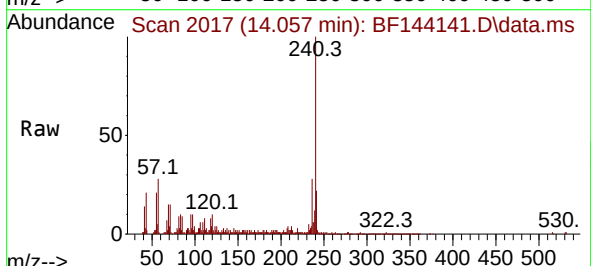
Tgt Ion:240 Resp: 139397

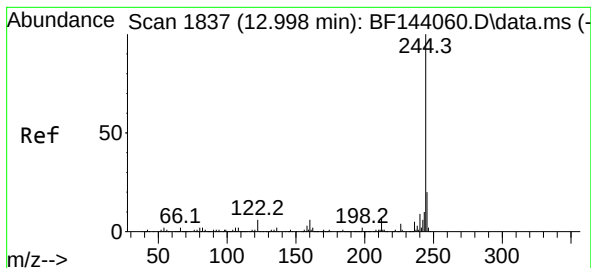
Ion Ratio Lower Upper

240 100

120 10.1 6.5 9.7

236 27.5 20.1 30.1





#79

Terphenyl-d14

Concen: 1.045 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF144141.D

Acq: 29 Oct 2025 21:28

Instrument :

BNA_F

ClientSampleId :

COMP-4

Tgt Ion:244 Resp: 833

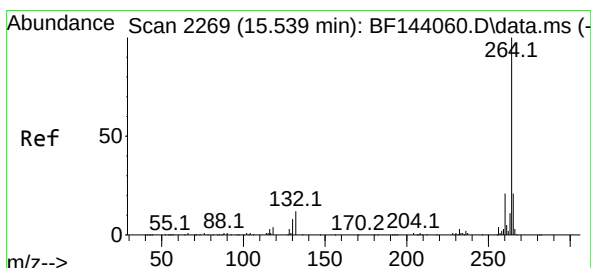
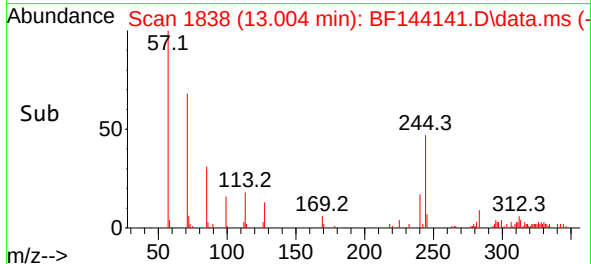
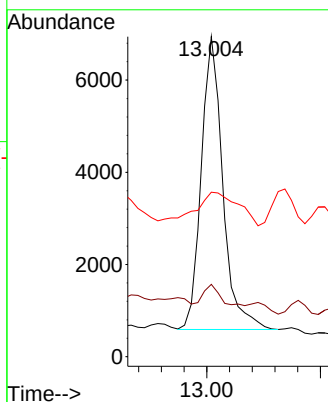
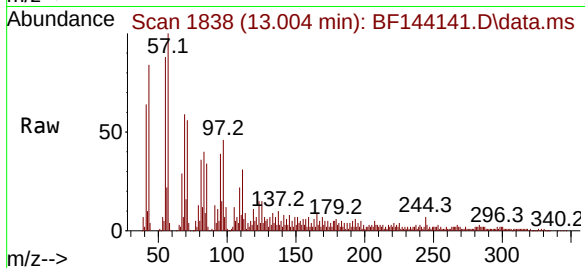
Ion	Ratio	Lower	Upper
244	100		
212	22.6	5.8	8.6
122	51.4	4.9	7.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/30/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144141.D

Acq: 29 Oct 2025 21:28

Tgt Ion:264 Resp: 131367

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.0	25.4
265	21.1	16.6	24.8

