

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143807.D
 Acq On : 25 Sep 2025 16:51
 Operator : RC/JU
 Sample : Q3187-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 228

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/26/2025
 Supervised By :Jagrut Upadhyay 09/26/2025

Quant Time: Sep 25 17:11:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	100934	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	344609	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	149548	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	210535	20.000	ng	# 0.02
76) Chrysene-d12	14.069	240	413593	20.000	ng	0.00
86) Perylene-d12	15.539	264	586196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	30870	4.969	ng	-0.01
7) Phenol-d6	6.493	99	44714	6.229	ng	-0.02
23) Nitrobenzene-d5	7.440	82	24022	4.267	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	10515	4.749	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	56162	5.860	ng	0.00
79) Terphenyl-d14	13.022	244	96143	4.728	ng	0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	48314	4.685	ng	# 87
88) Benzo(b)fluoranthene	15.104	252	63579m	2.130	ng	

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

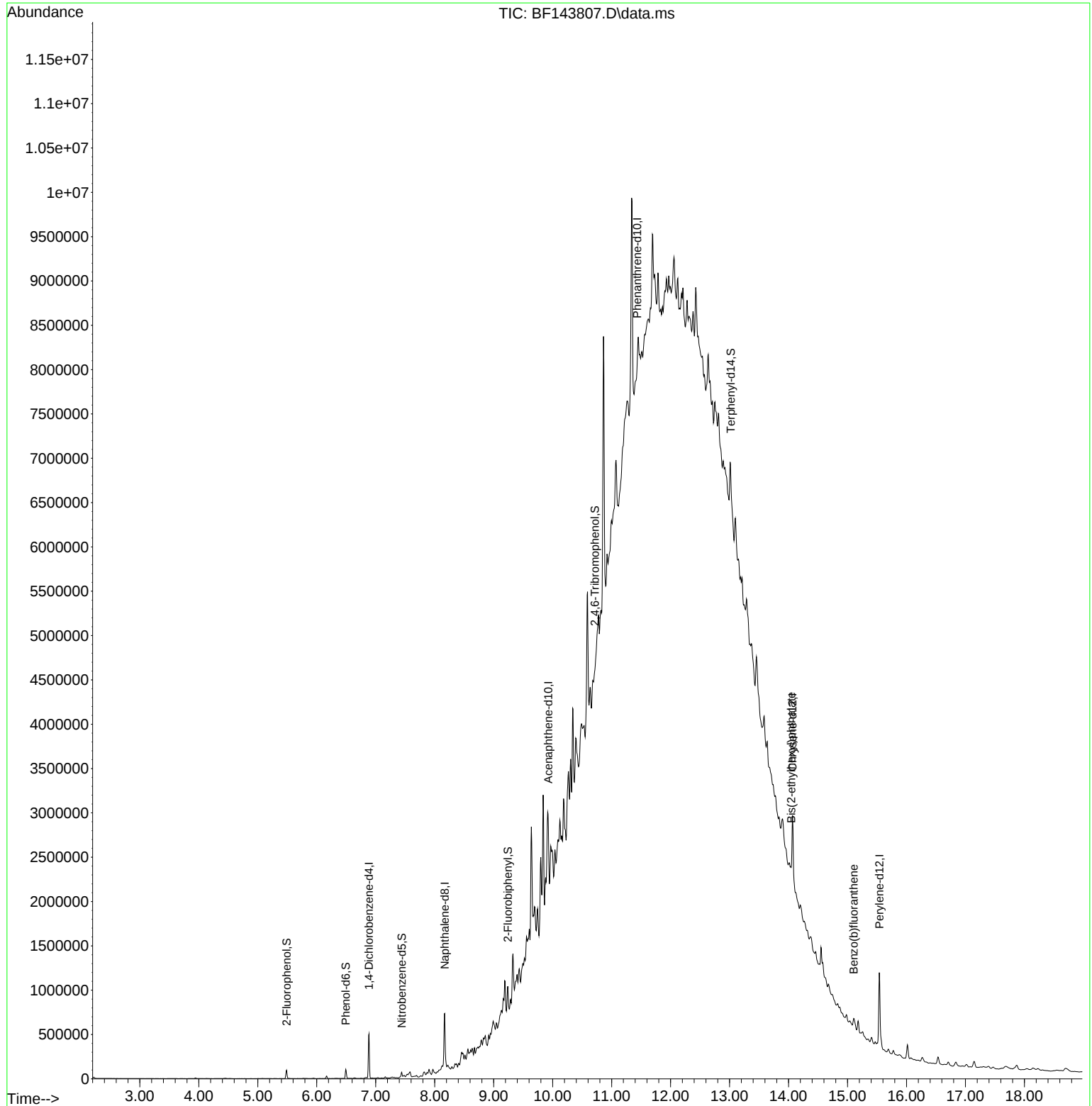
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
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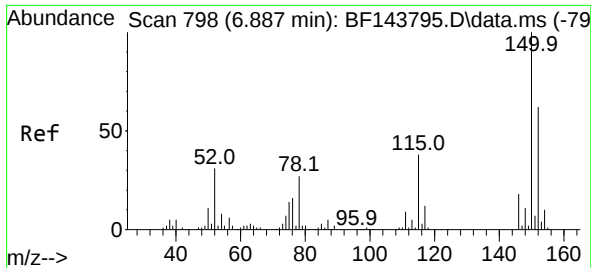
Instrument :
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QLast Update : Wed Sep 24 05:00:00 2025
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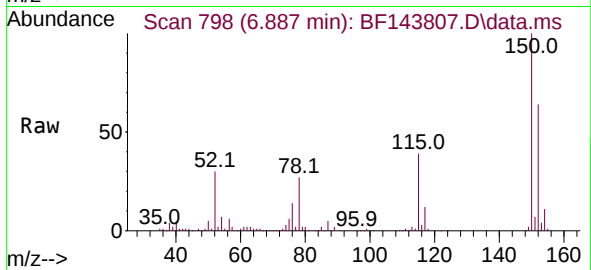
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51

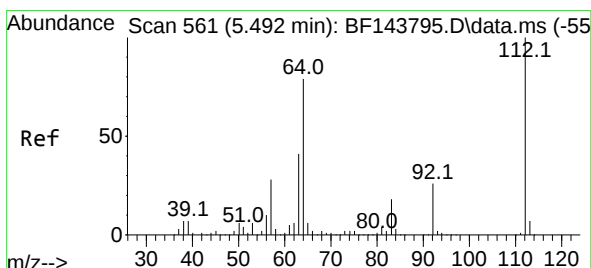
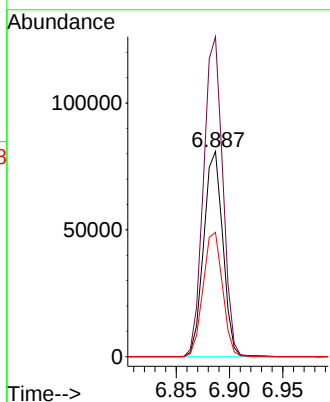
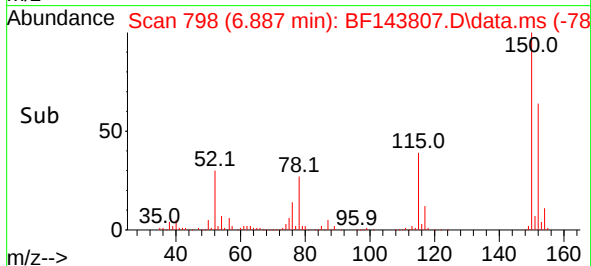
Instrument :
BNA_F
ClientSampleId :
228



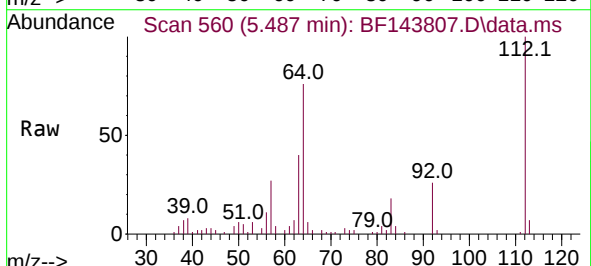
Tgt Ion:152 Resp: 100934
Ion Ratio Lower Upper
152 100
150 155.9 129.6 194.4
115 60.5 49.0 73.4

Manual Integrations
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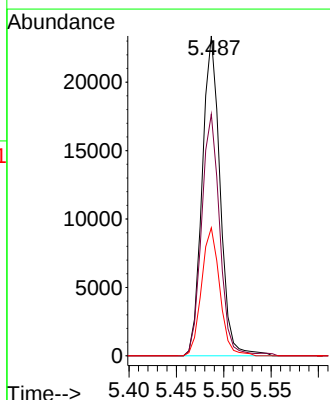
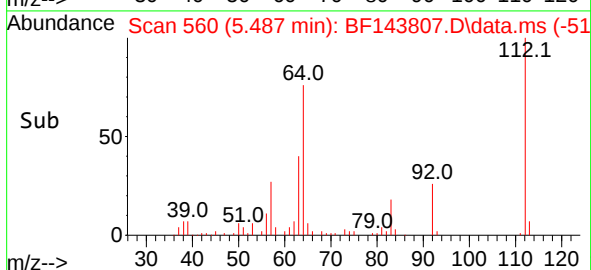
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

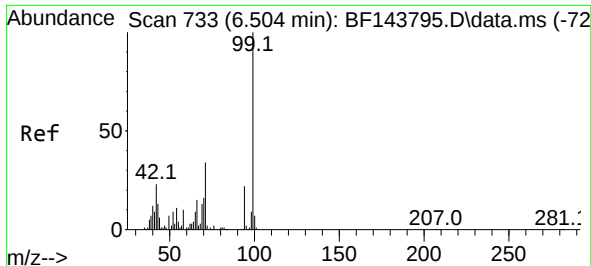


#5
2-Fluorophenol
Concen: 4.969 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.011 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51



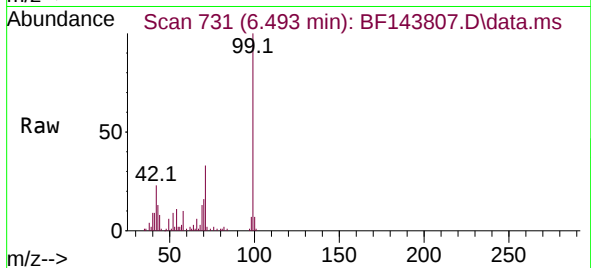
Tgt Ion:112 Resp: 30870
Ion Ratio Lower Upper
112 100
64 75.5 63.0 94.4
63 40.0 32.6 49.0





#7
Phenol-d6
Concen: 6.229 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.017 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51

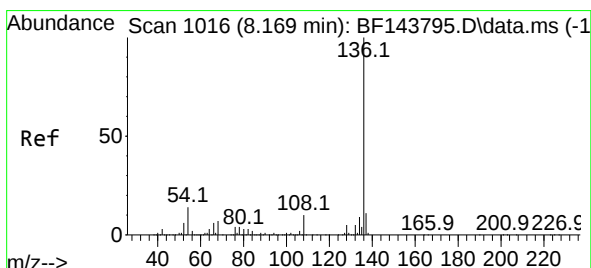
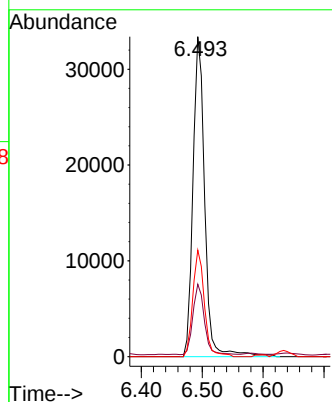
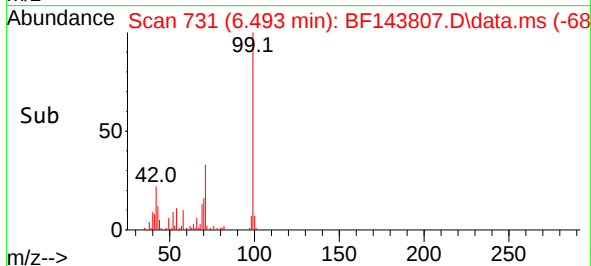
Instrument :
BNA_F
ClientSampleId :
228



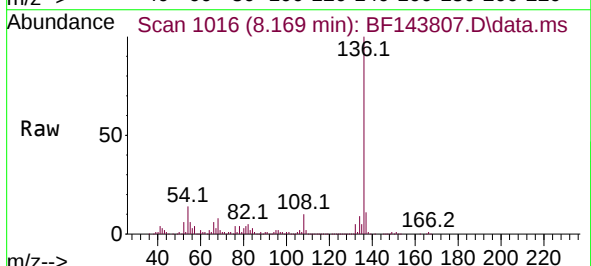
Tgt Ion: 99 Resp: 44714
Ion Ratio Lower Upper
99 100
42 22.6 18.6 28.0
71 33.3 27.0 40.4

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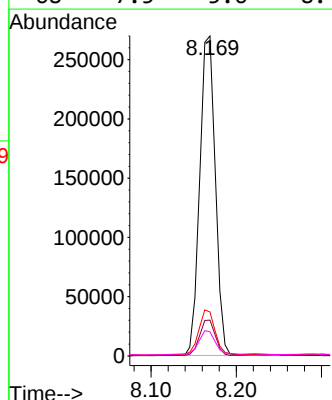
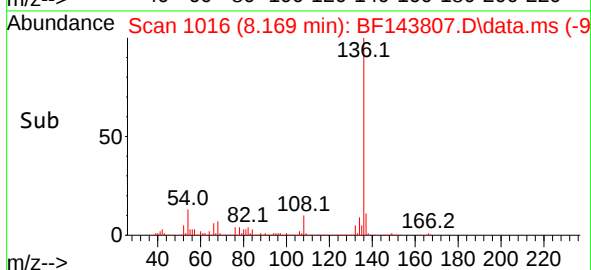
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

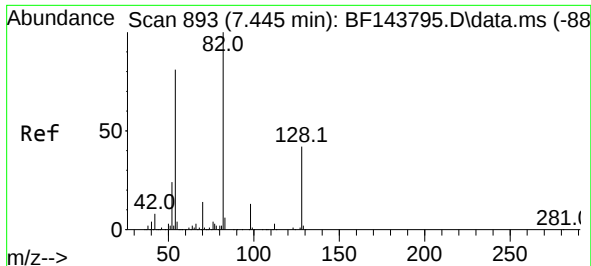


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51



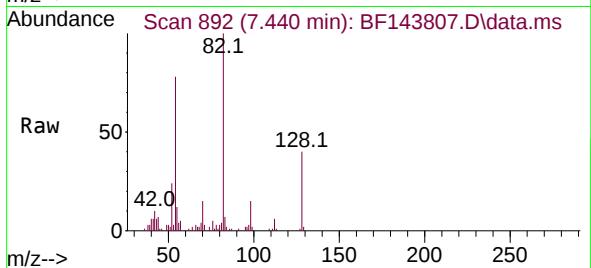
Tgt Ion:136 Resp: 344609
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 13.7 11.2 16.8
68 7.5 5.6 8.4





#23
Nitrobenzene-d5
Concen: 4.267 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.011 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51

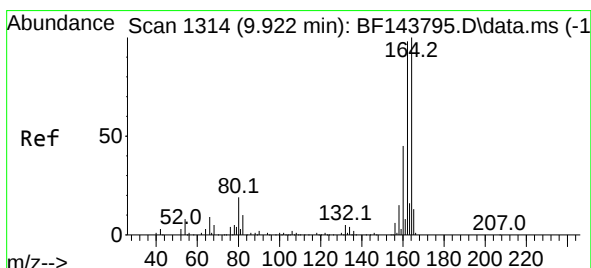
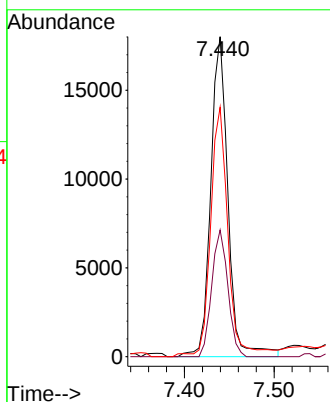
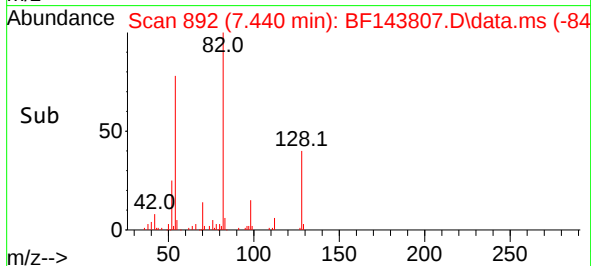
Instrument :
BNA_F
ClientSampleId :
228



Tgt Ion: 82 Resp: 24022
Ion Ratio Lower Upper
82 100
128 39.6 33.3 49.9
54 77.9 64.2 96.4

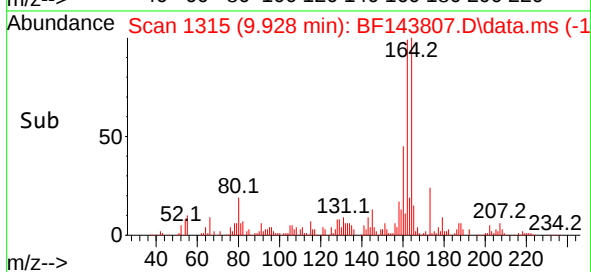
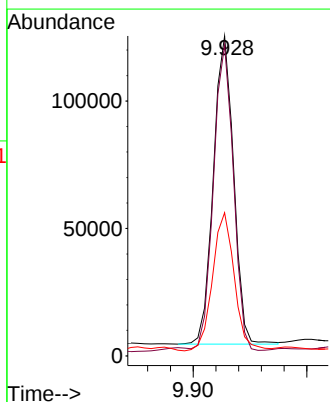
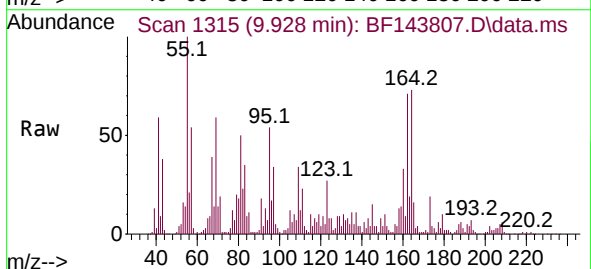
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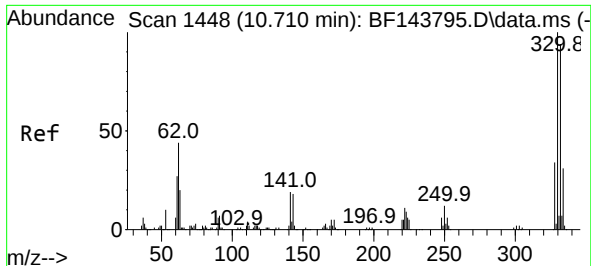
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51

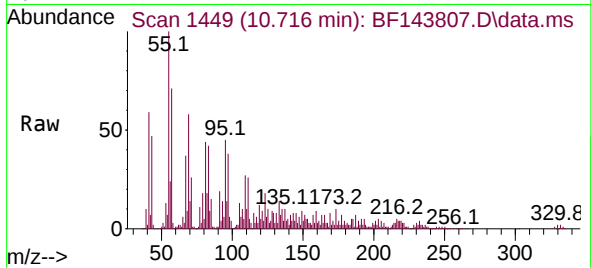
Tgt Ion:164 Resp: 149548
Ion Ratio Lower Upper
164 100
162 97.2 78.8 118.2
160 44.7 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 4.749 ng
RT: 10.716 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51

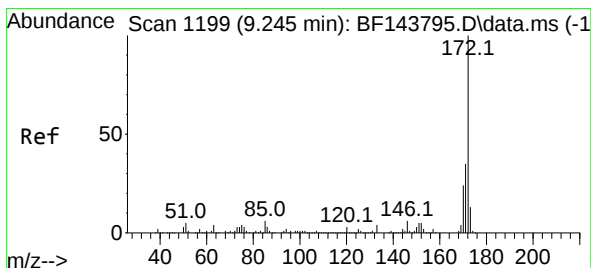
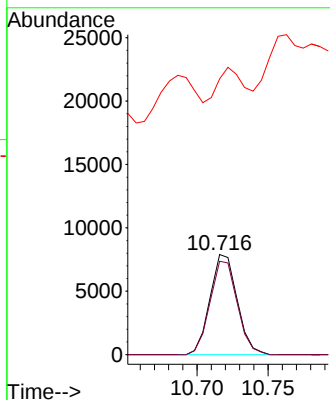
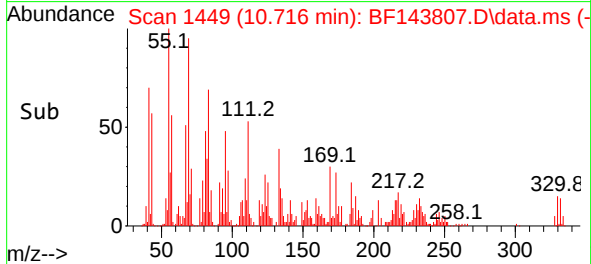
Instrument :
BNA_F
ClientSampleId :
228



Tgt Ion: 330 Resp: 10515
Ion Ratio Lower Upper
330 100
332 93.6 74.7 112.1
141 31.6 14.3 21.5

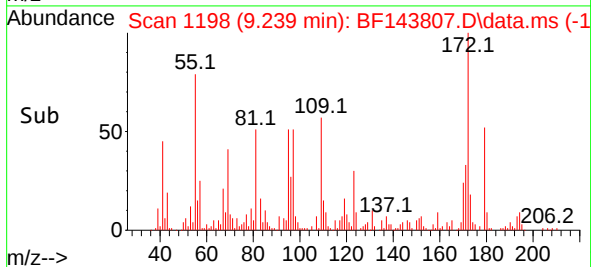
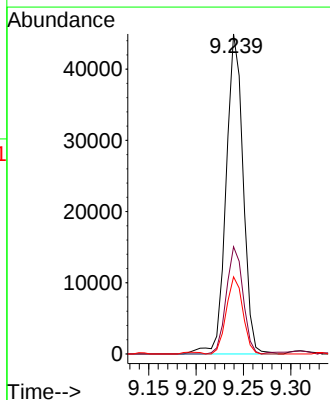
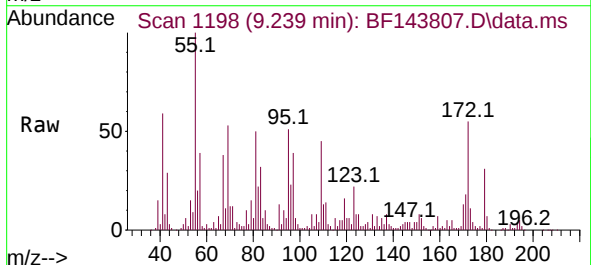
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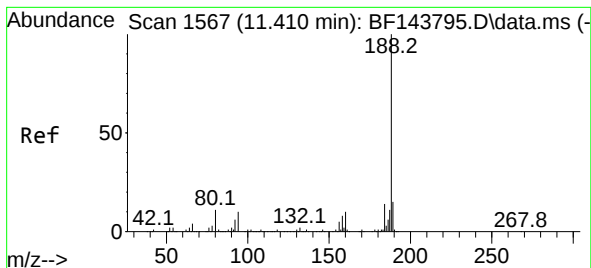
Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025



#45
2-Fluorobiphenyl
Concen: 5.860 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.005 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51

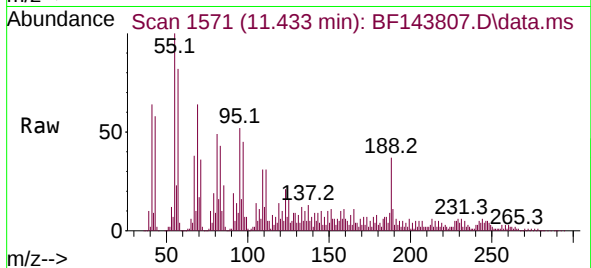
Tgt Ion: 172 Resp: 56162
Ion Ratio Lower Upper
172 100
171 33.5 27.9 41.9
170 24.1 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51

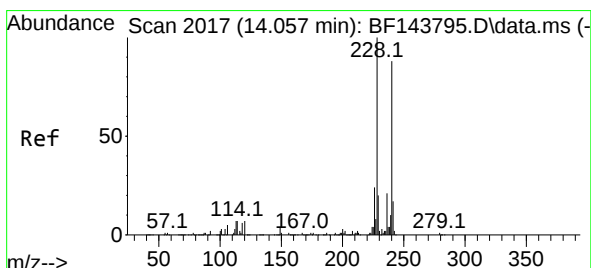
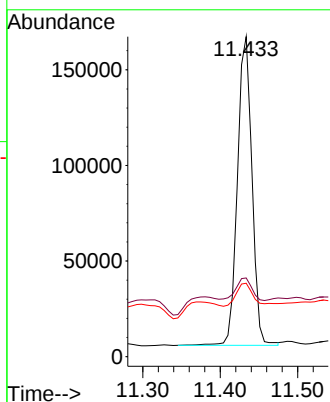
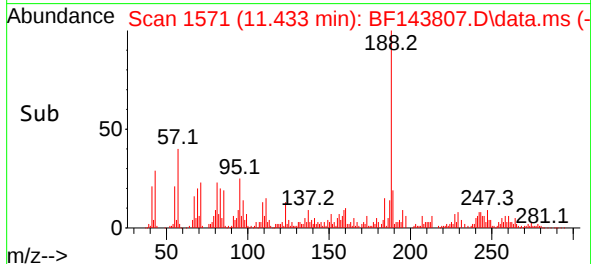
Instrument :
BNA_F
ClientSampleId :
228



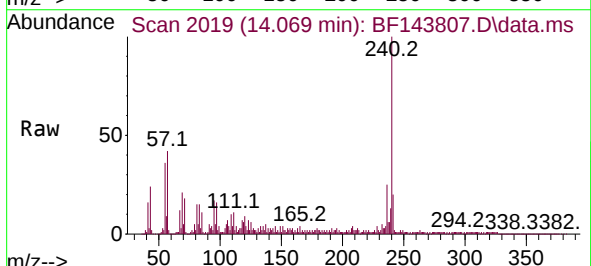
Tgt Ion:188 Resp: 210535
Ion Ratio Lower Upper
188 100
94 24.6 8.2 12.2
80 22.9 8.6 12.8

Manual Integrations
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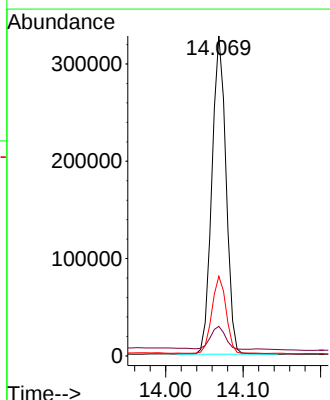
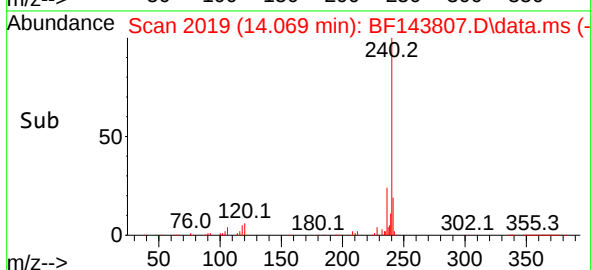
Reviewed By :Rahul Chavli 09/26/2025
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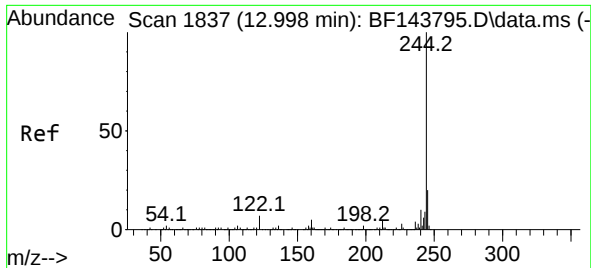


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51



Tgt Ion:240 Resp: 413593
Ion Ratio Lower Upper
240 100
120 9.2 6.2 9.4
236 24.9 19.4 29.2





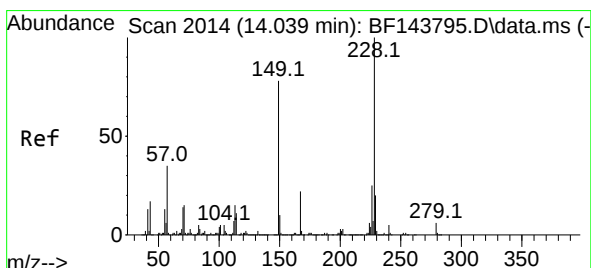
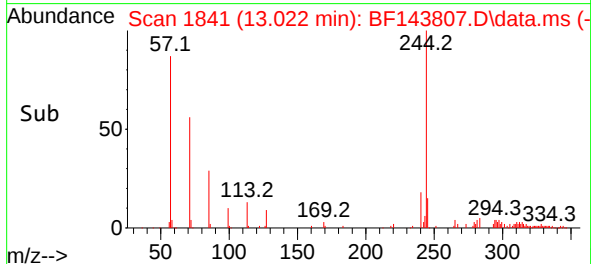
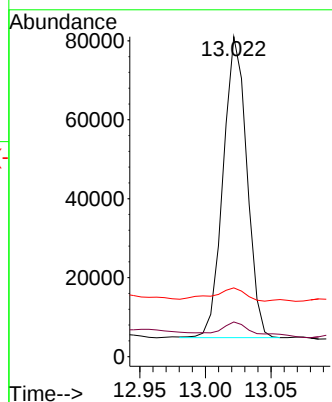
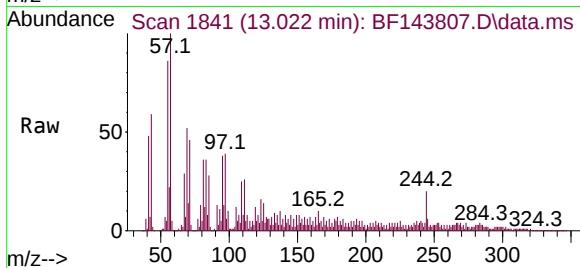
#79
 Terphenyl-d14
 Concen: 4.728 ng
 RT: 13.022 min Scan# 1837
 Delta R.T. 0.018 min
 Lab File: BF143807.D
 Acq: 25 Sep 2025 16:51

Instrument :
 BNA_F
 ClientSampleId :
 228

Tgt Ion:244	Resp:	96143
Ion Ratio	Lower	Upper
244	100	
212	10.8	3.9 5.9
122	21.5	5.6 8.4

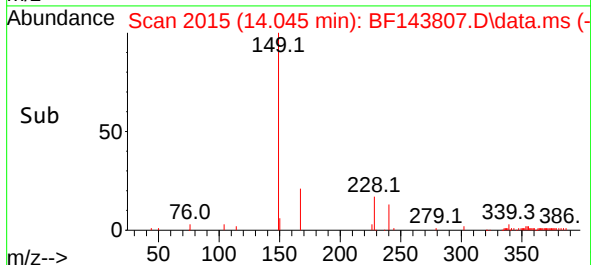
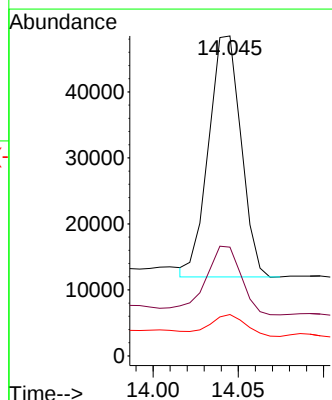
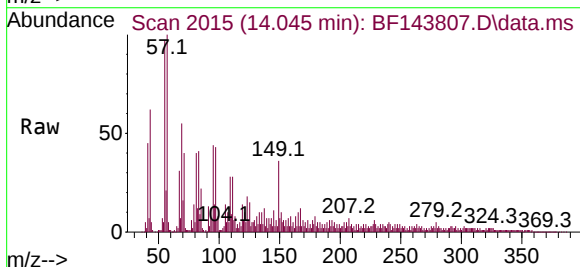
Manual Integrations
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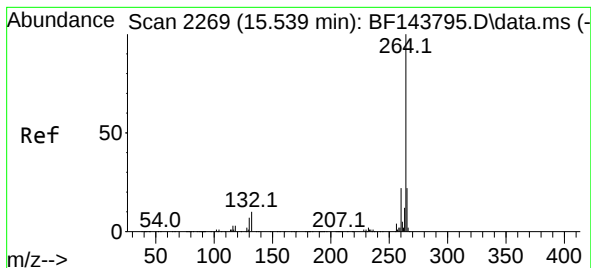
Reviewed By :Rahul Chavli 09/26/2025
 Supervised By :Jagrut Upadhyay 09/26/2025



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.685 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. 0.006 min
 Lab File: BF143807.D
 Acq: 25 Sep 2025 16:51

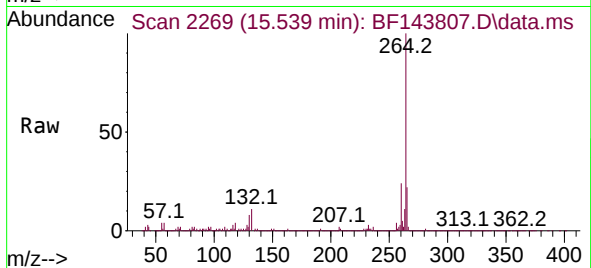
Tgt Ion:149	Resp:	48314
Ion Ratio	Lower	Upper
149	100	
167	34.0	22.2 33.2
279	12.9	6.0 9.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51

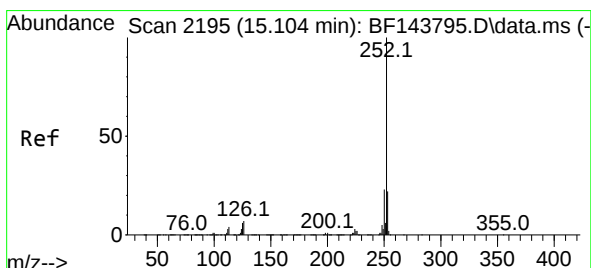
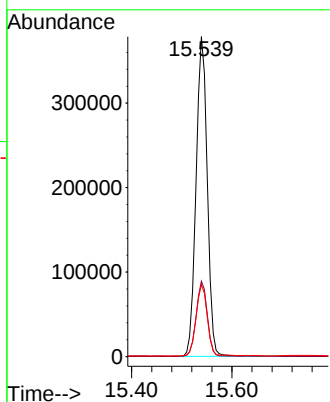
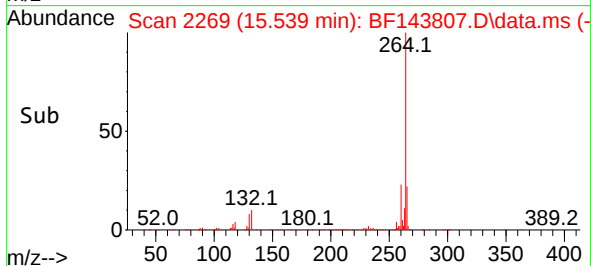
Instrument :
BNA_F
ClientSampleId :
228



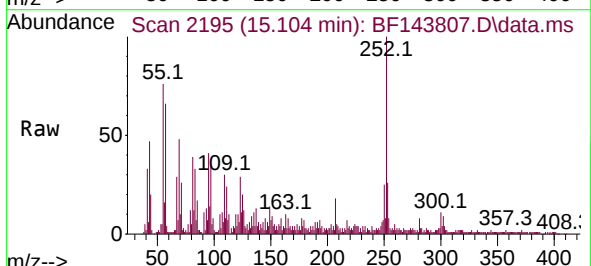
Tgt Ion:264 Resp: 586196
Ion Ratio Lower Upper
264 100
260 23.6 17.9 26.9
265 22.5 17.7 26.5

Manual Integrations
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Supervised By :Jagrut Upadhyay 09/26/2025



#88
Benzo(b)fluoranthene
Concen: 2.130 ng m
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143807.D
Acq: 25 Sep 2025 16:51



Tgt Ion:252 Resp: 63579
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.8
125 20.4 4.4 6.6

