

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144367.D
 Acq On : 26 Nov 2025 18:12
 Operator : RC/JU
 Sample : Q3719-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-12A

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Nov 27 00:50:34 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	6.863	152	55725	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	204609	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	104861	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	152442	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	133155	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	168994	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	266676	74.888	ng	0.00
7) Phenol-d6	6.493	99	310800	77.028	ng	0.00
23) Nitrobenzene-d5	7.422	82	196890	55.576	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	85329	64.845	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	391913	55.200	ng	-0.01
79) Terphenyl-d14	12.980	244	323277	38.564	ng	-0.01
Target Compounds						
						Qvalue
60) Diethylphthalate	10.316	149	19852	3.100	ng	97
75) Fluoranthene	12.610	202	21363	2.725	ng	97
78) Pyrene	12.839	202	22007	2.050	ng	97
88) Benzo(b)fluoranthene	15.092	252	23721m	2.469	ng	

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

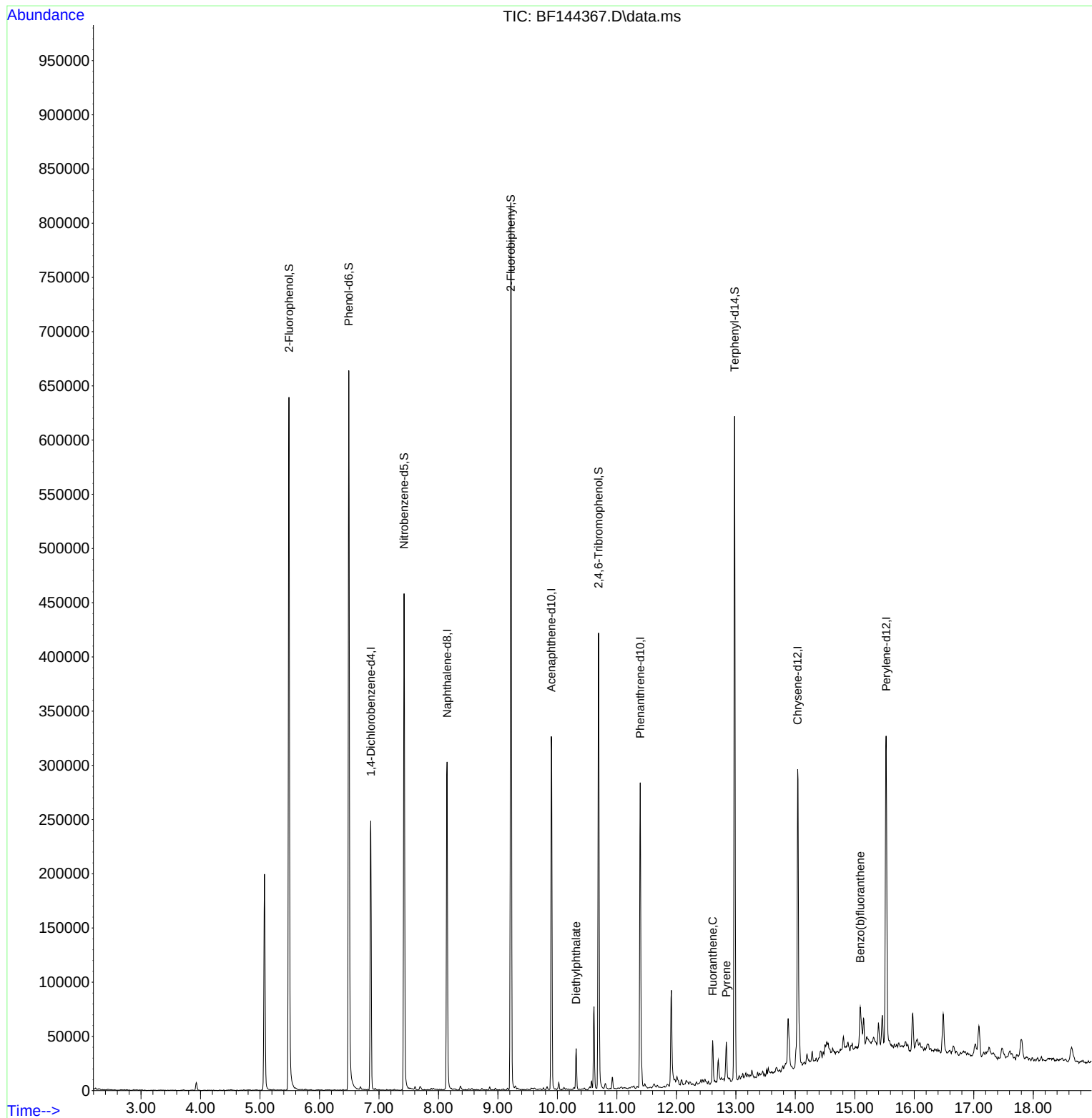
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144367.D
Acq On : 26 Nov 2025 18:12
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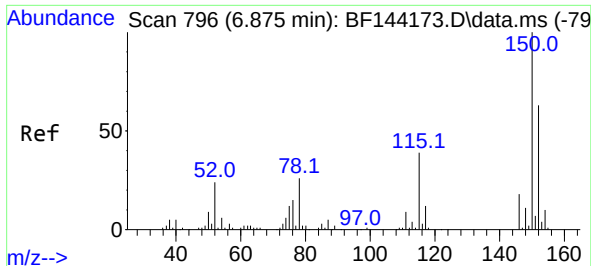
Instrument :
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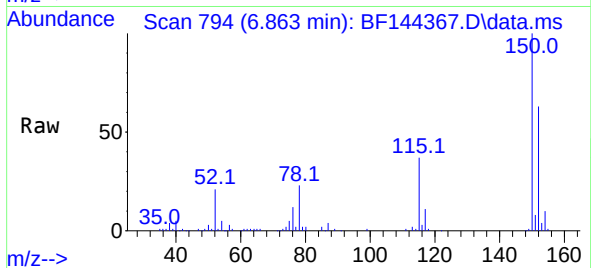
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

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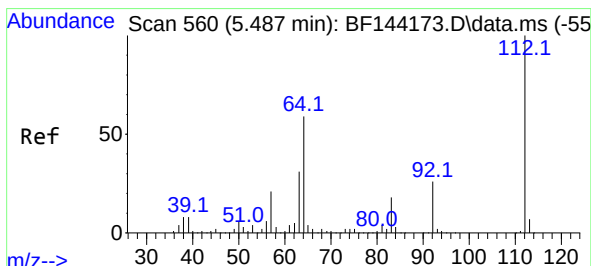
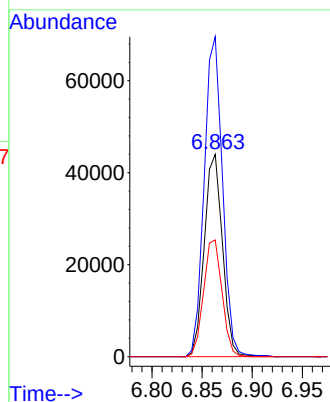
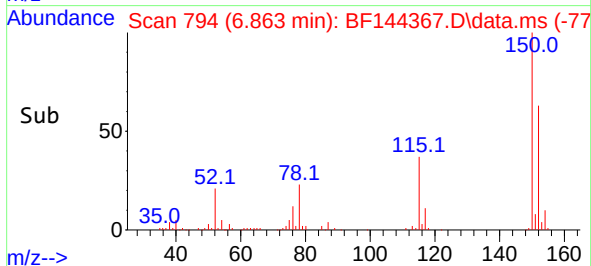


Tgt Ion:152 Resp: 55729
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.0
115 57.7 49.5 74.3

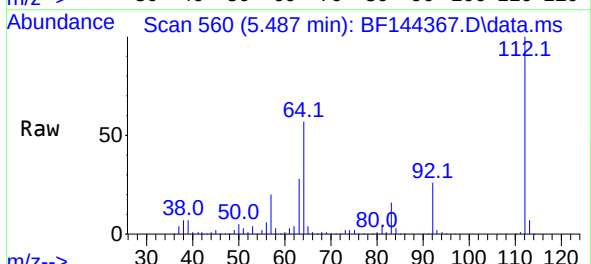
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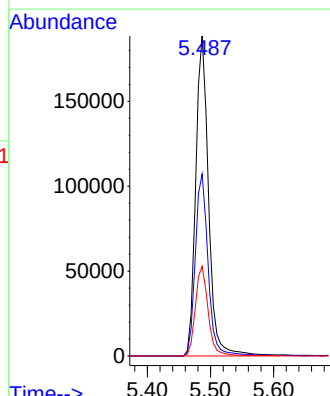
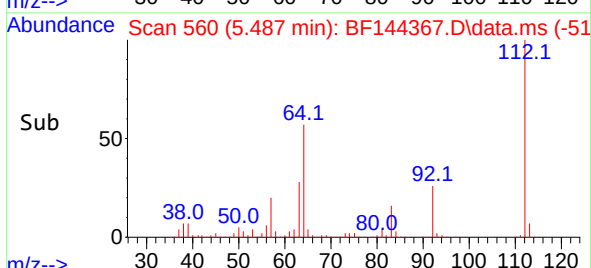
Reviewed By :Jagrut Upadhyay 12/02/2025
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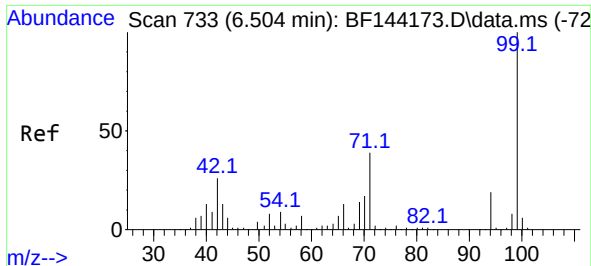


#5
2-Fluorophenol
Concen: 74.888 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12



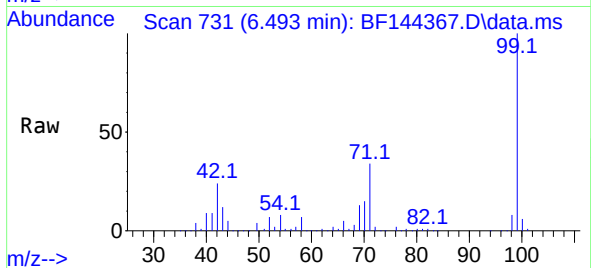
Tgt Ion:112 Resp: 266676
Ion Ratio Lower Upper
112 100
64 56.8 47.2 70.8
63 28.0 24.4 36.6





#7
Phenol-d6
Concen: 77.028 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

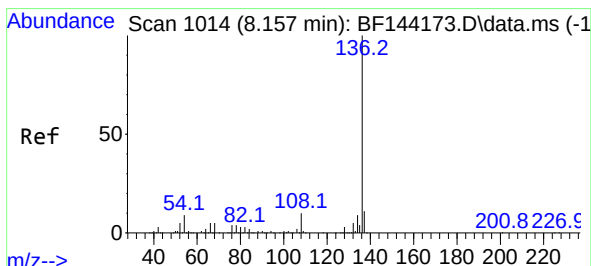
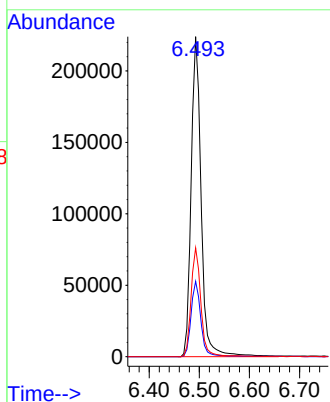
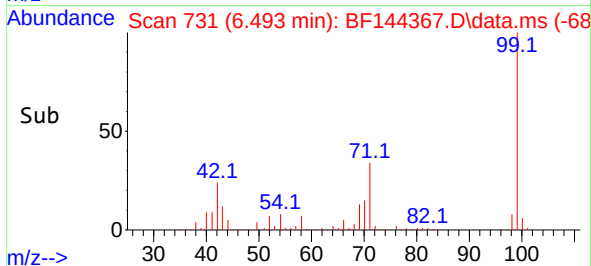
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BNA_F
ClientSampleId :
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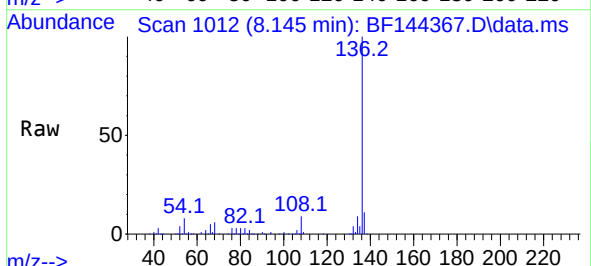
Tgt Ion: 99 Resp: 310800
Ion Ratio Lower Upper
99 100
42 23.5 20.9 31.3
71 34.0 31.4 47.2

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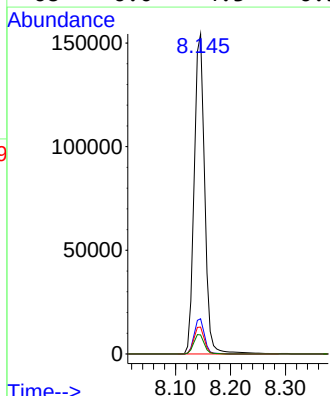
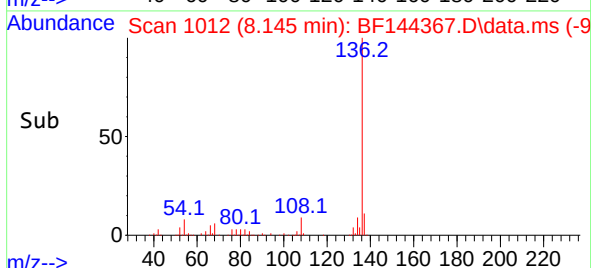
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

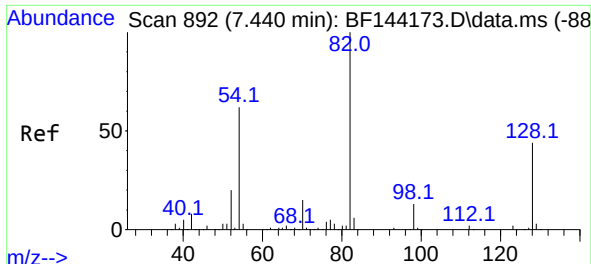


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12



Tgt Ion:136 Resp: 204609
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 7.0 10.6
68 6.0 4.3 6.5





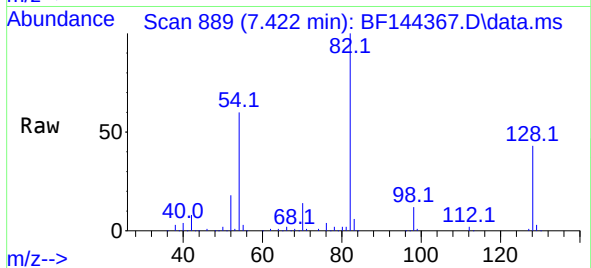
#23
Nitrobenzene-d5
Concen: 55.576 ng
RT: 7.422 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Instrument :

BNA_F

ClientSampleId :

SB-1125-12A

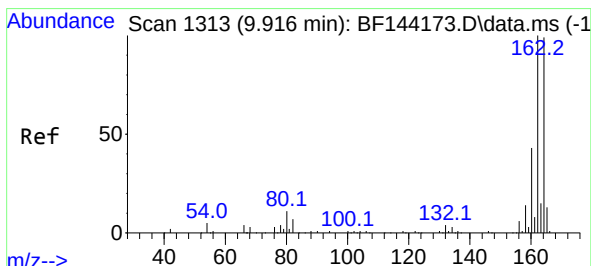
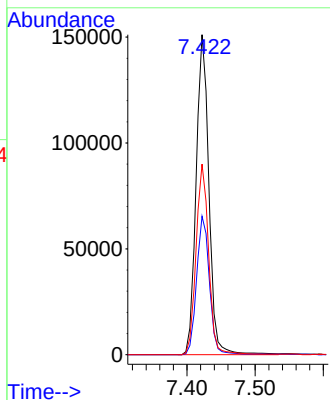
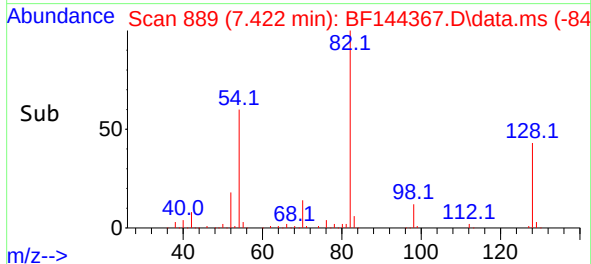


Tgt Ion: 82 Resp: 196890
Ion Ratio Lower Upper
82 100
128 43.3 34.7 52.1
54 59.5 49.5 74.3

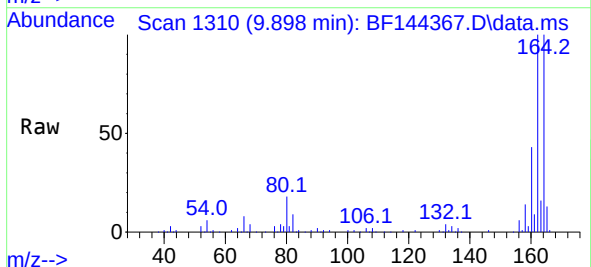
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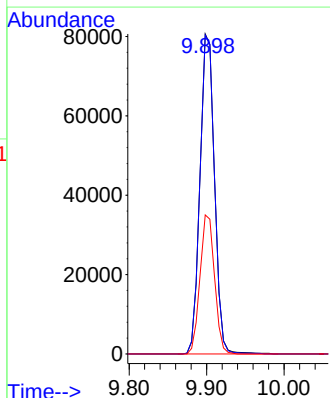
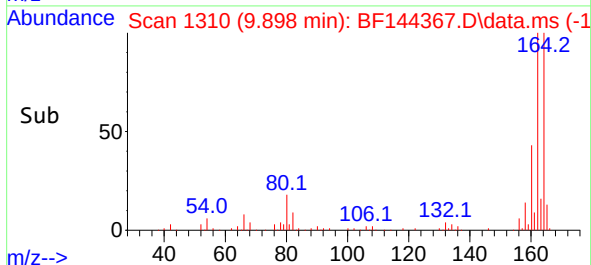
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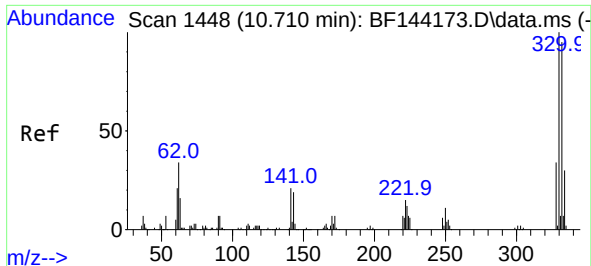


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12



Tgt Ion:164 Resp: 104861
Ion Ratio Lower Upper
164 100
162 99.7 81.1 121.7
160 43.5 34.5 51.7





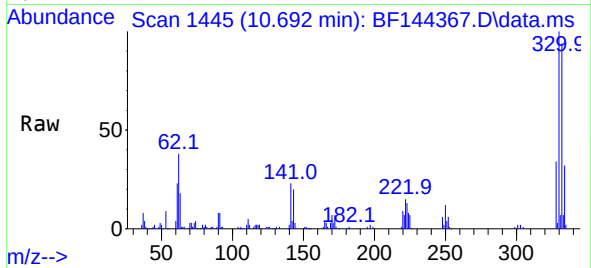
#42
2,4,6-Tribromophenol
Concen: 64.845 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Instrument :

BNA_F

ClientSampleId :

SB-1125-12A

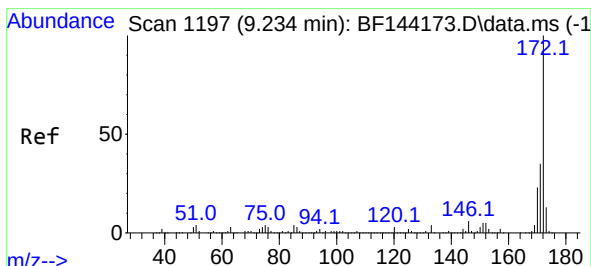
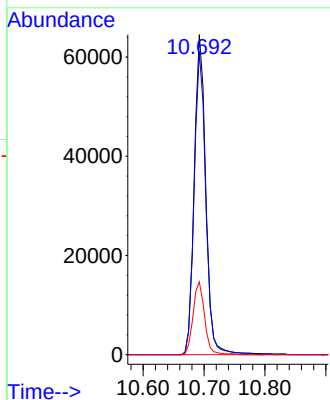
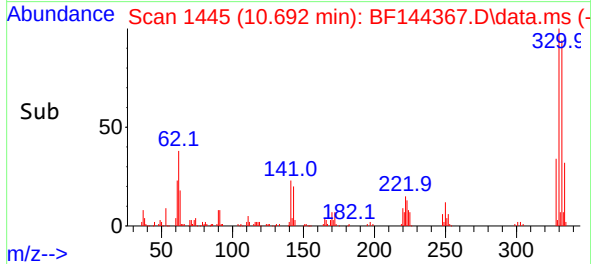


Tgt Ion:330 Resp: 85329
Ion Ratio Lower Upper
330 100
332 94.6 76.7 115.1
141 22.7 17.8 26.8

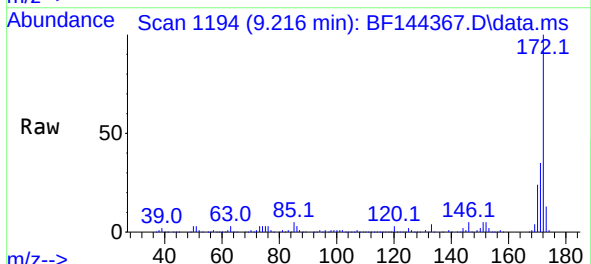
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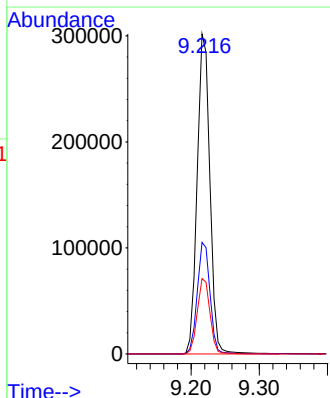
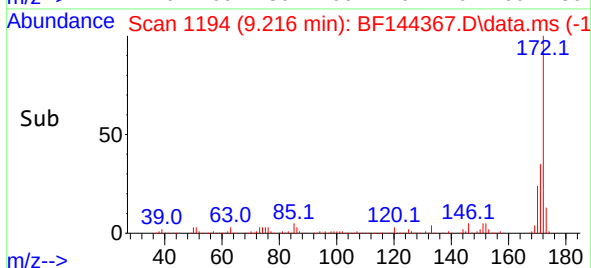
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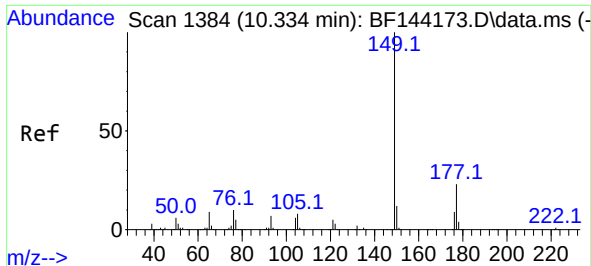


#45
2-Fluorobiphenyl
Concen: 55.200 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12



Tgt Ion:172 Resp: 391913
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.5 18.6 28.0





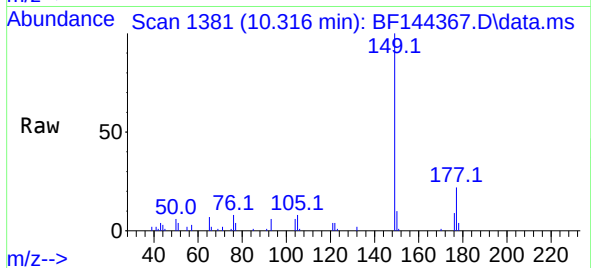
#60
Diethylphthalate
Concen: 3.100 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Instrument :

BNA_F

ClientSampleId :

SB-1125-12A

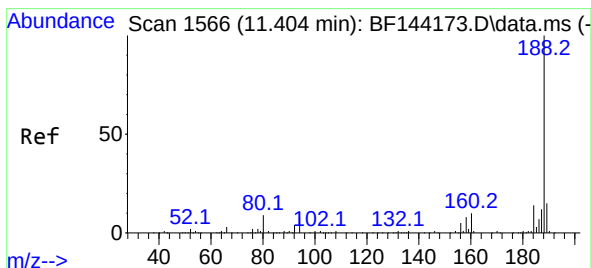
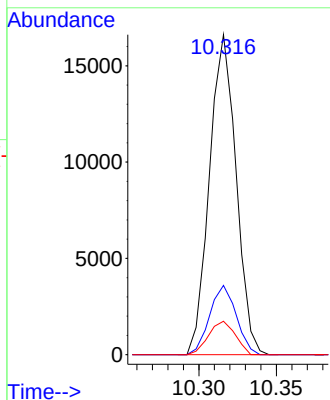
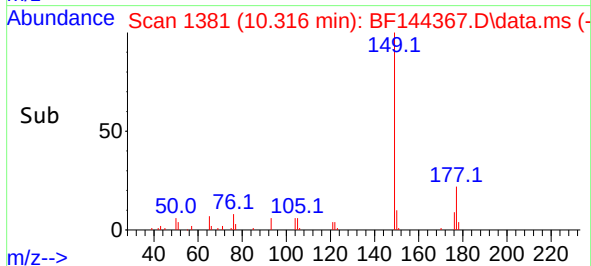


Tgt Ion:149 Resp: 1985
Ion Ratio Lower Upper
149 100
177 21.6 18.3 27.5
150 10.4 9.8 14.6

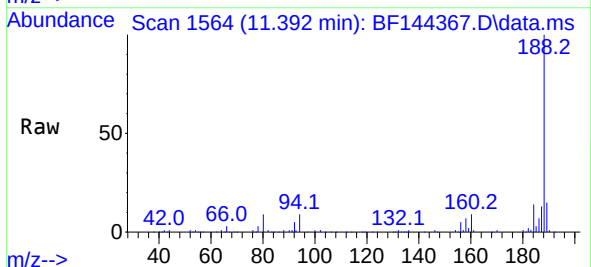
Manual Integrations

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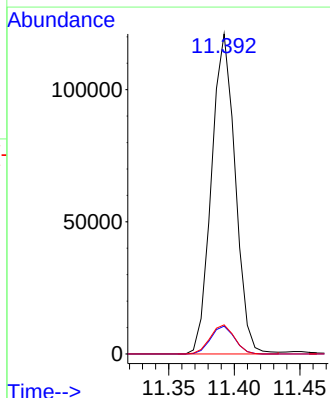
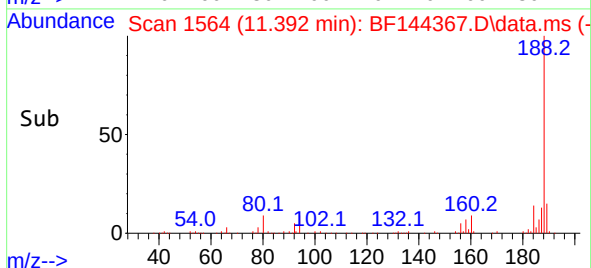
Reviewed By :Jagrut Upadhyay 12/02/2025
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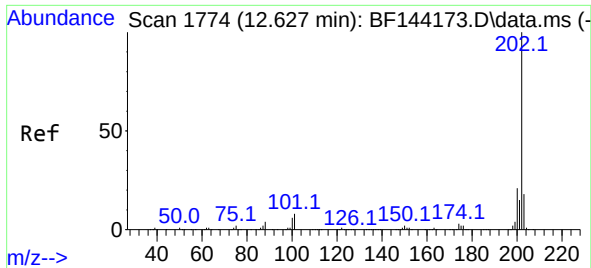


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12



Tgt Ion:188 Resp: 152442
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.1 6.9 10.3





#75
Fluoranthene
Concen: 2.725 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Instrument :

BNA_F

ClientSampleId :

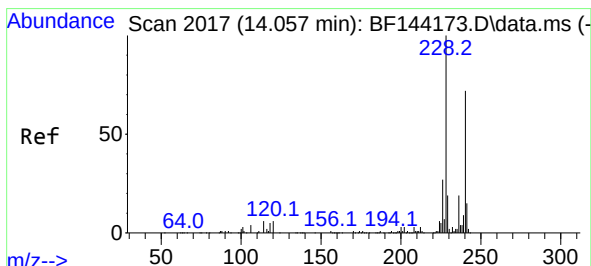
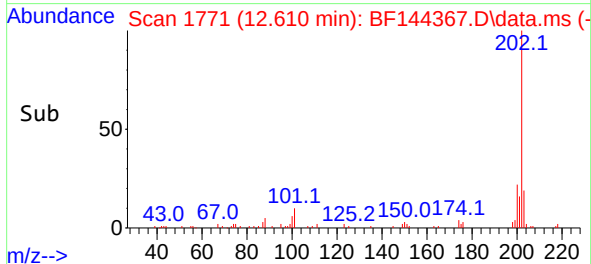
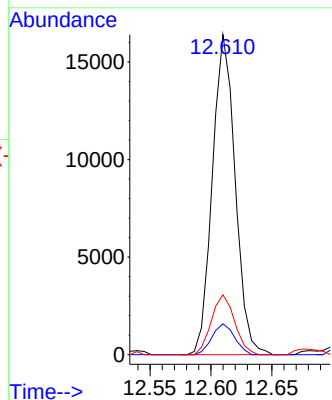
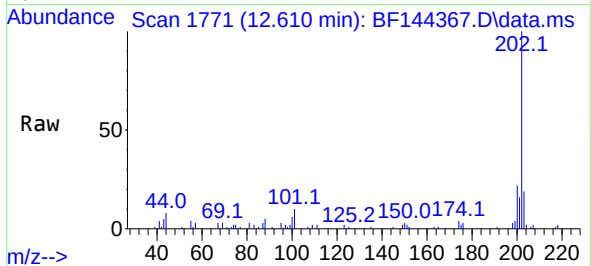
SB-1125-12A

Tgt Ion:202 Resp: 2136
Ion Ratio Lower Upper
202 100
101 9.7 0.0 27.9
203 18.7 0.0 37.5

Manual Integrations

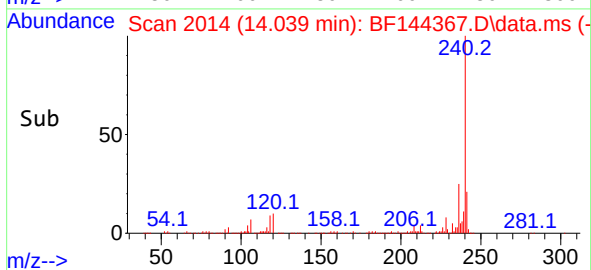
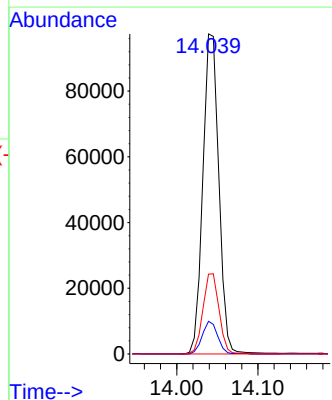
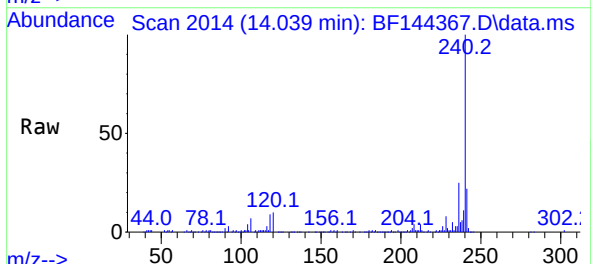
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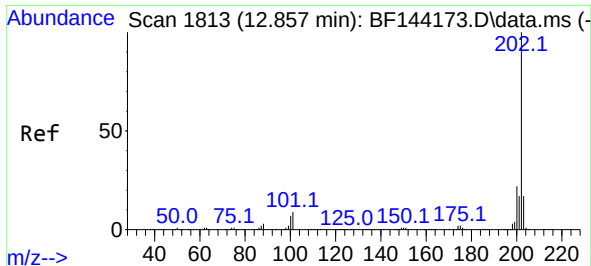
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:240 Resp: 133155
Ion Ratio Lower Upper
240 100
120 10.2 6.6 10.0#
236 25.0 21.4 32.2





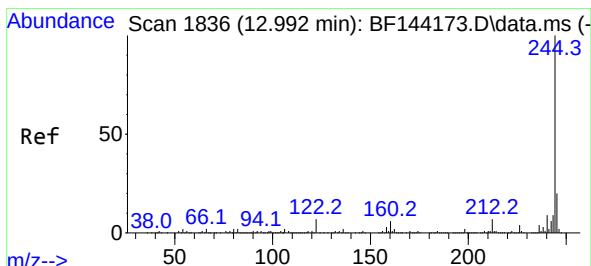
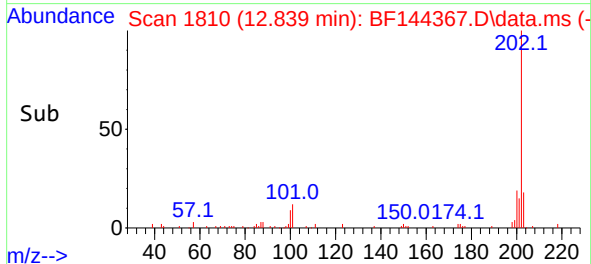
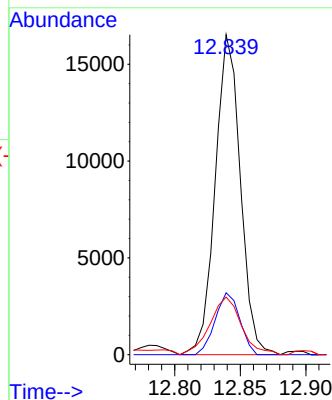
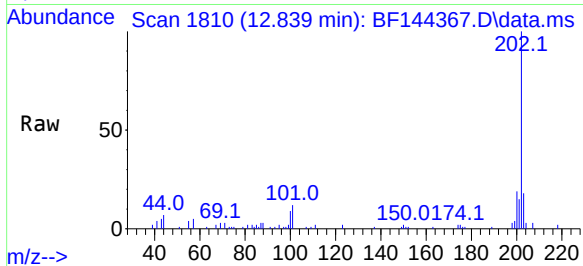
#78
Pyrene
Concen: 2.050 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Instrument :
BNA_F
ClientSampleId :
SB-1125-12A

Tgt Ion: 202	Resp: 2200
Ion Ratio	Lower Upper
202 100	
200 19.4	17.2 25.8
203 18.0	13.7 20.5

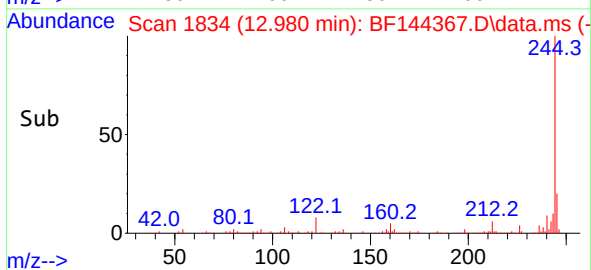
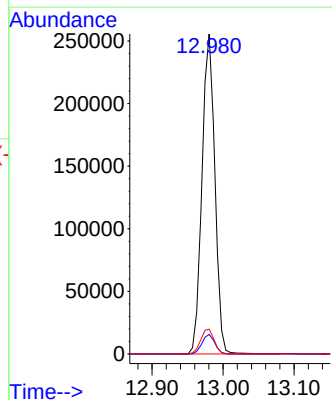
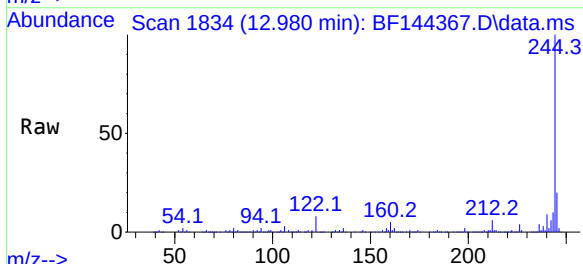
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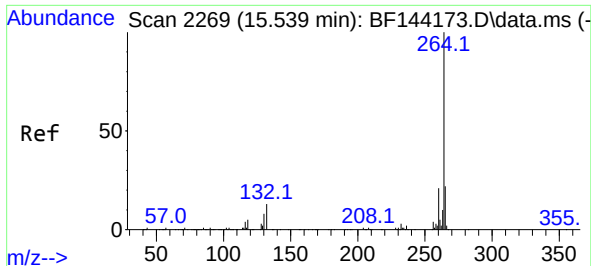
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#79
Terphenyl-d14
Concen: 38.564 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion: 244	Resp: 323277
Ion Ratio	Lower Upper
244 100	
212 6.1	5.3 7.9
122 7.7	5.6 8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Instrument :

BNA_F

ClientSampleId :

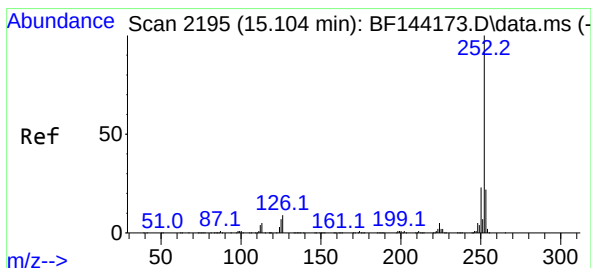
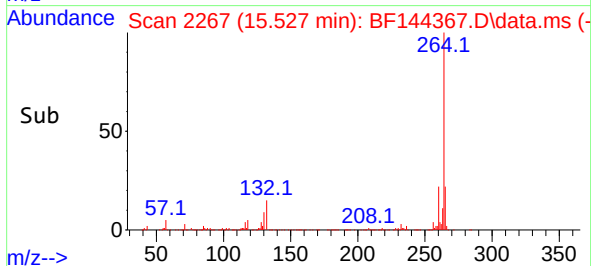
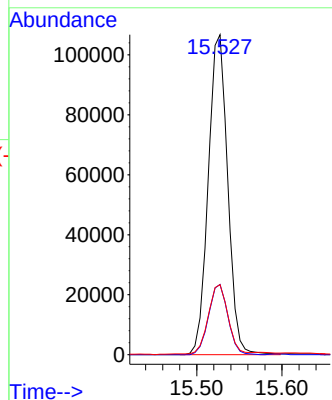
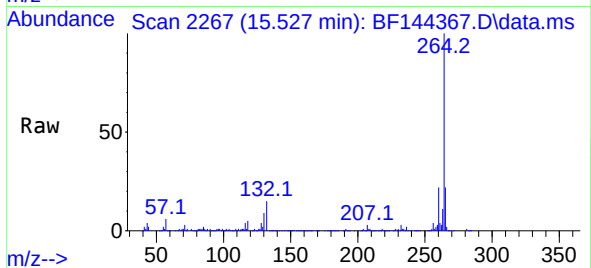
SB-1125-12A

Tgt Ion:264 Resp: 168994
Ion Ratio Lower Upper
264 100
260 21.9 17.1 25.7
265 21.9 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#88
Benzo(b)fluoranthene
Concen: 2.469 ng m
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144367.D
Acq: 26 Nov 2025 18:12

Tgt Ion:252 Resp: 23721
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.2
125 11.7 5.3 7.9#

