

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144013.D
 Acq On : 21 Oct 2025 15:33
 Operator : RC/JU
 Sample : Q3386-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3443

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025

Quant Time: Oct 21 16:22:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	84784	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	313703	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	132876	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	197689	20.000	ng	0.00
76) Chrysene-d12	14.092	240	140758	20.000	ng	# 0.02
86) Perylene-d12	15.598	264	234614	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	461517	86.441	ng	0.00
7) Phenol-d6	6.510	99	459042	72.132	ng	0.00
23) Nitrobenzene-d5	7.439	82	340852	66.013	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	161919	122.344	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	664467	79.347	ng	0.00
79) Terphenyl-d14	13.021	244	620483	75.339	ng	0.01
Target Compounds						
10) Phenol	6.528	94	33467	4.399	ng	# 40
15) Benzyl Alcohol	7.028	79	33546m	7.035	ng	
32) Benzoic acid	8.110	122	204964m	66.970	ng	
70) Pentachlorophenol	11.227	266	4759	3.276	ng	96
84) Bis(2-ethylhexyl)phtha...	14.063	149	111450	24.260	ng	# 80

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

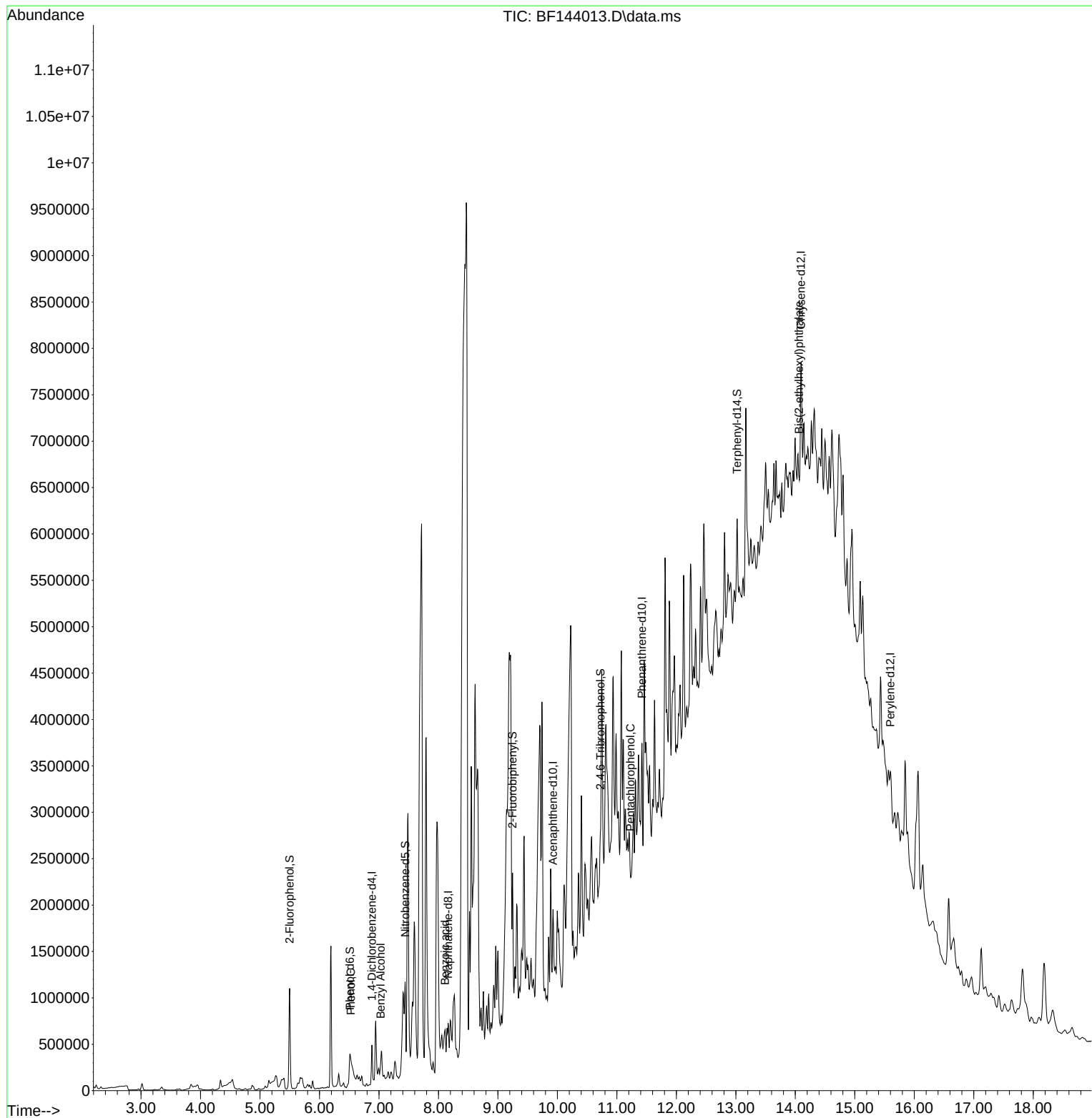
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144013.D
Acq On : 21 Oct 2025 15:33
Operator : RC/JU
Sample : Q3386-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

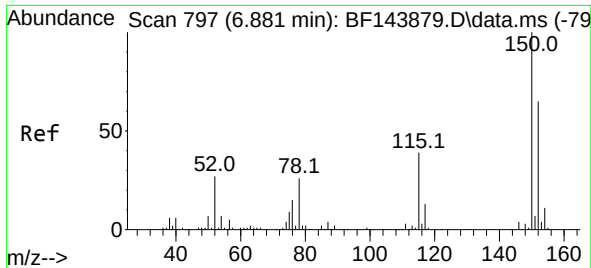
Instrument :
BNA_F
ClientSampleId :
3443

Quant Time: Oct 21 16:22:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

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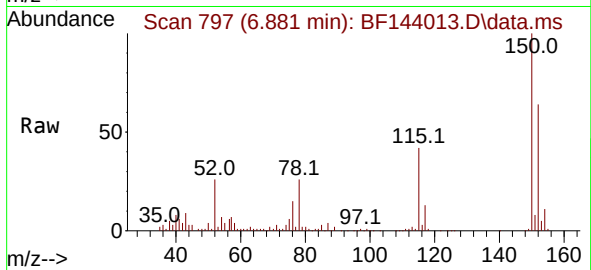
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

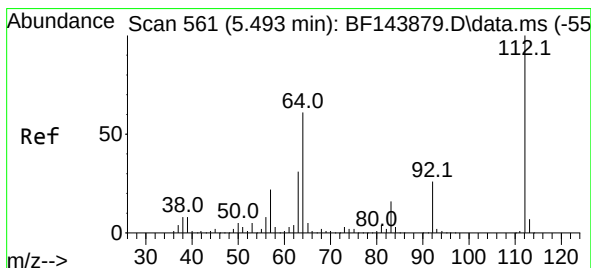
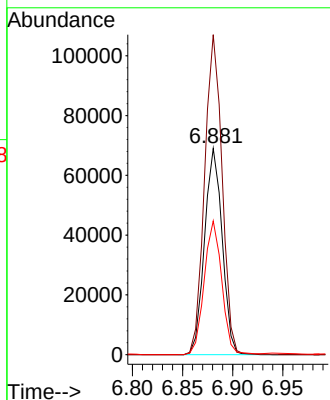
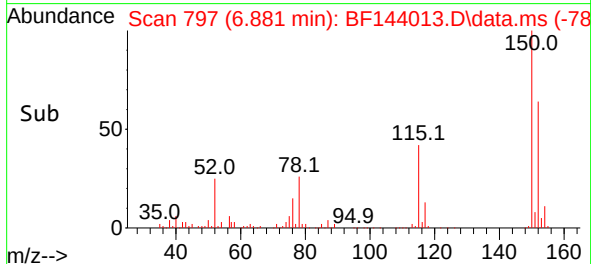
Instrument :
BNA_F
ClientSampleId :
3443



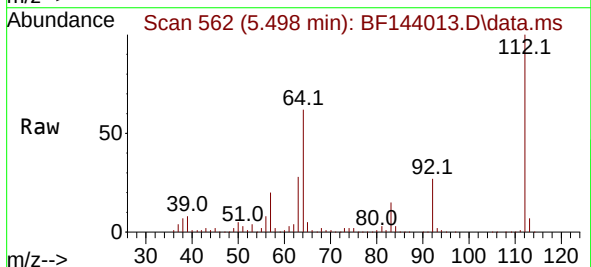
Tgt Ion:152 Resp: 84784
Ion Ratio Lower Upper
152 100
150 155.1 124.4 186.6
115 64.9 48.1 72.1

Manual Integrations
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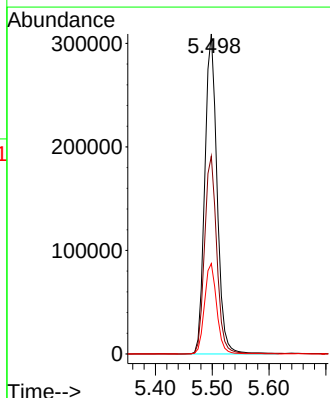
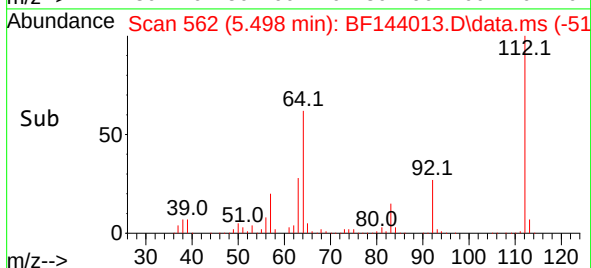
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

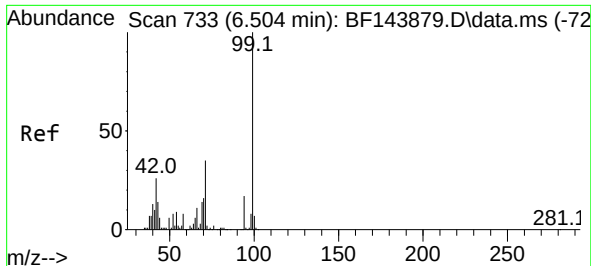


#5
2-Fluorophenol
Concen: 86.441 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33



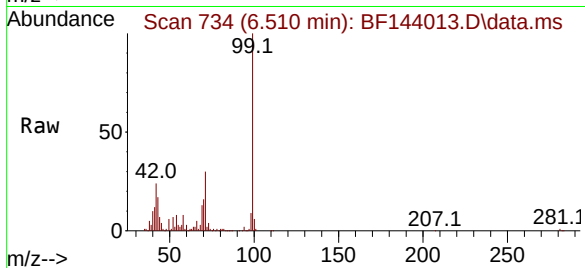
Tgt Ion:112 Resp: 461517
Ion Ratio Lower Upper
112 100
64 61.8 49.1 73.7
63 28.3 24.5 36.7





#7
Phenol-d6
Concen: 72.132 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

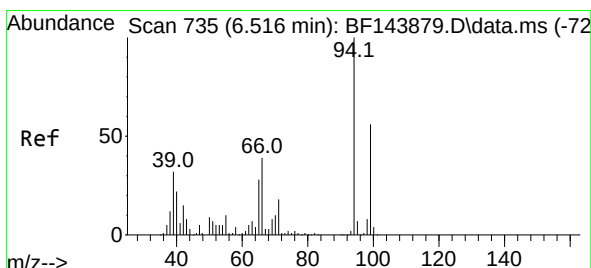
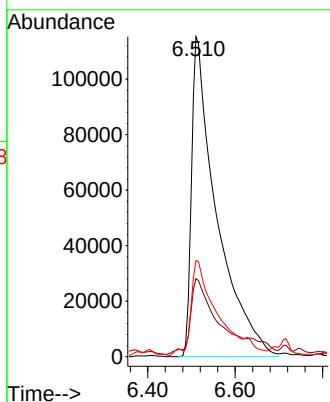
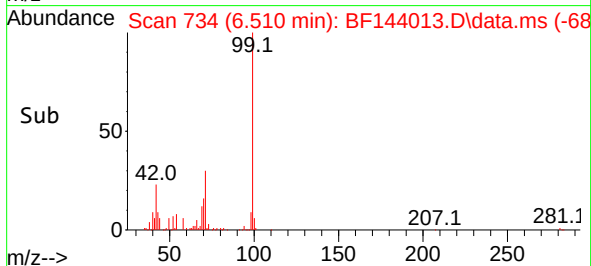
Instrument :
BNA_F
ClientSampleId :
3443



Tgt Ion: 99 Resp: 45904
Ion Ratio Lower Upper
99 100
42 24.4 21.0 31.4
71 30.1 27.8 41.8

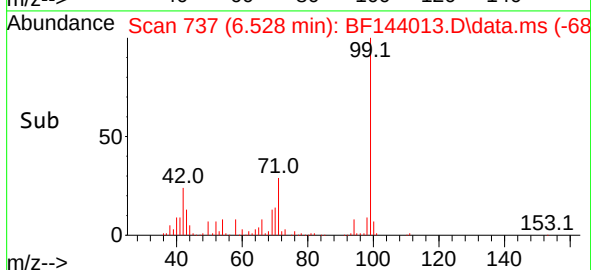
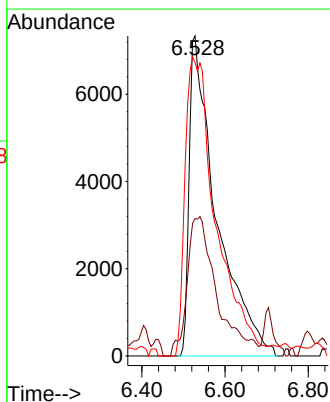
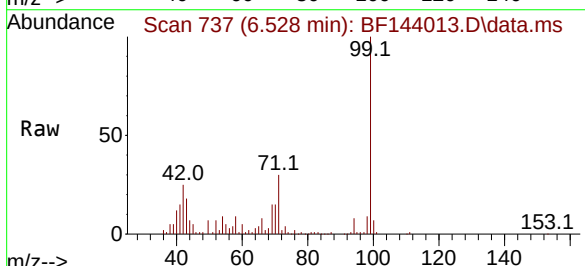
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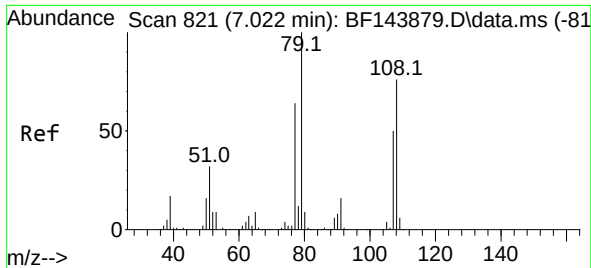
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#10
Phenol
Concen: 4.399 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

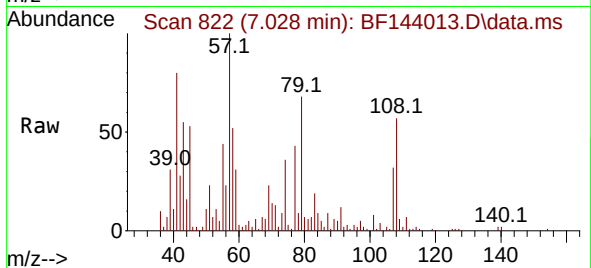
Tgt Ion: 94 Resp: 33467
Ion Ratio Lower Upper
94 100
65 42.9 8.5 48.5
66 91.6 19.9 59.9#





#15
Benzyl Alcohol
Concen: 7.035 ng m
RT: 7.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

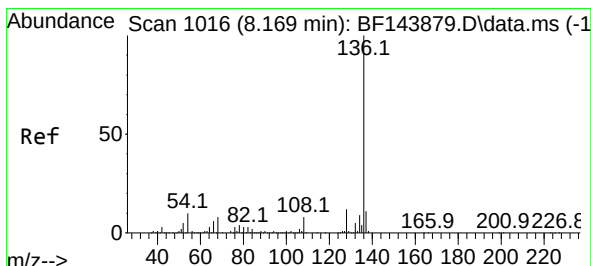
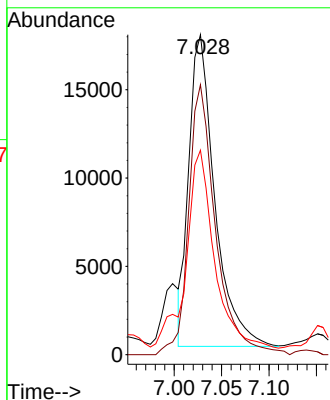
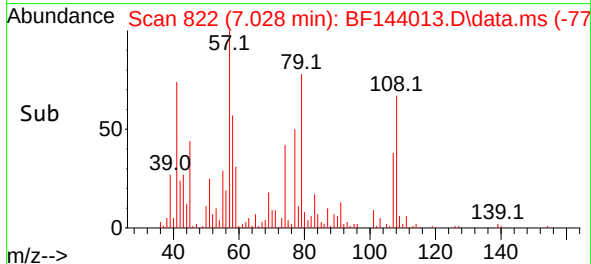
Instrument :
BNA_F
ClientSampleId :
3443



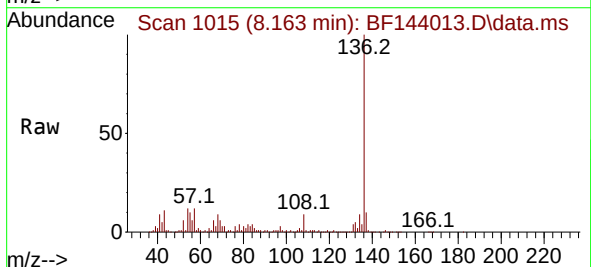
Tgt Ion: 79 Resp: 33540
Ion Ratio Lower Upper
79 100
108 84.3 60.8 91.2
77 63.9 51.0 76.6

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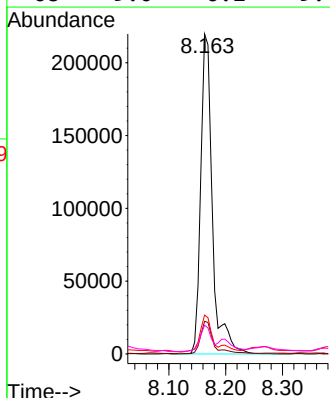
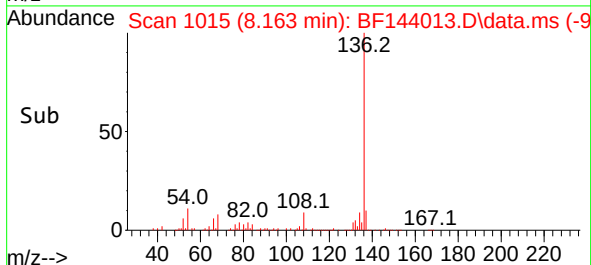
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

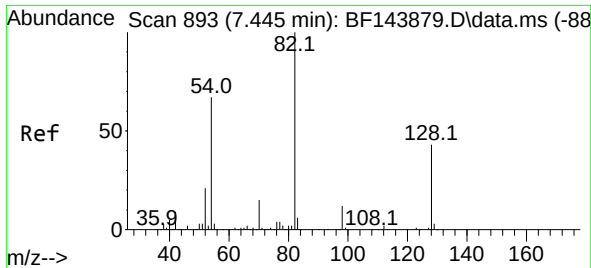


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33



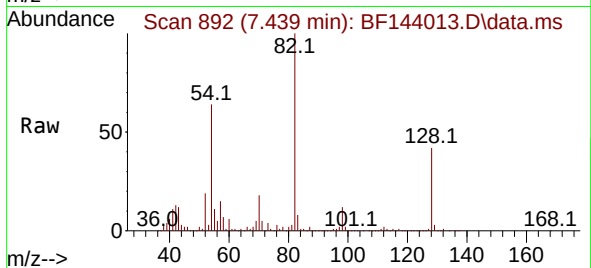
Tgt Ion:136 Resp: 313703
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 12.2 8.2 12.4
68 9.0 6.2 9.4





#23
Nitrobenzene-d5
Concen: 66.013 ng
RT: 7.439 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

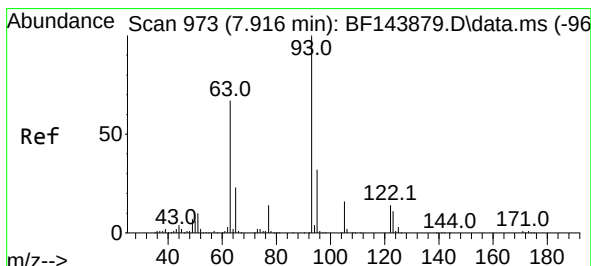
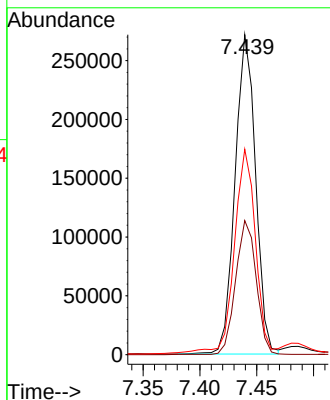
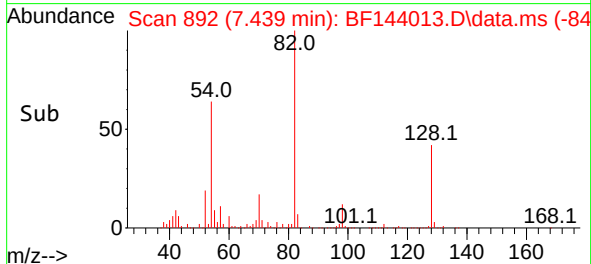
Instrument :
BNA_F
ClientSampleId :
3443



Tgt Ion: 82 Resp: 340852
Ion Ratio Lower Upper
82 100
128 41.9 34.0 51.0
54 64.2 53.2 79.8

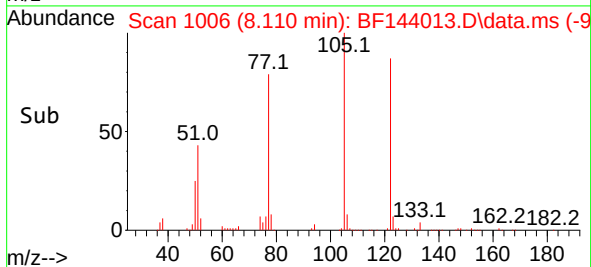
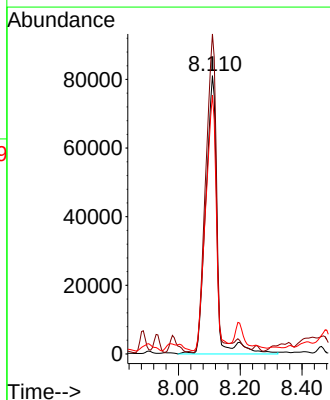
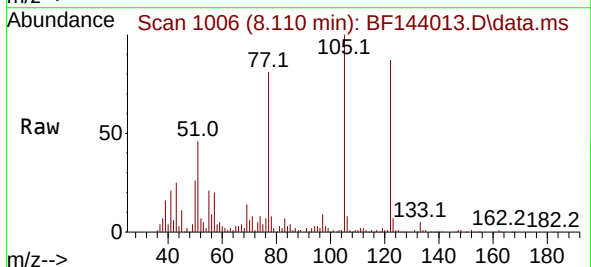
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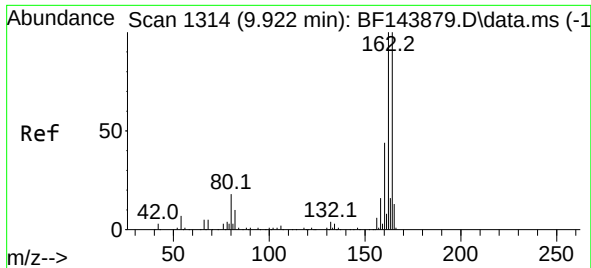
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#32
Benzoic acid
Concen: 66.970 ng m
RT: 8.110 min Scan# 1006
Delta R.T. 0.147 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

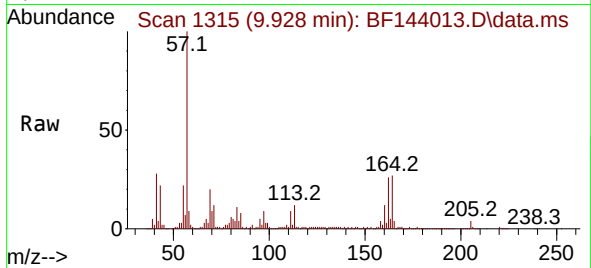
Tgt Ion:122 Resp: 204964
Ion Ratio Lower Upper
122 100
105 115.0 93.5 133.5
77 93.0 76.3 116.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

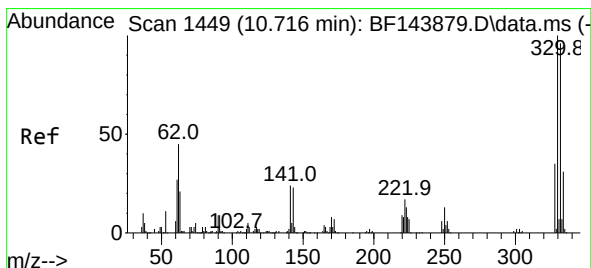
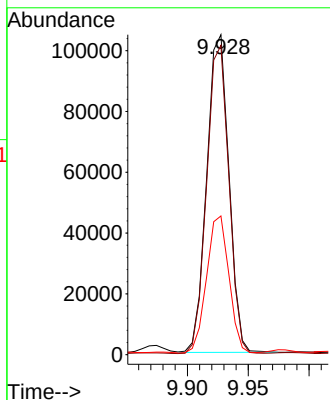
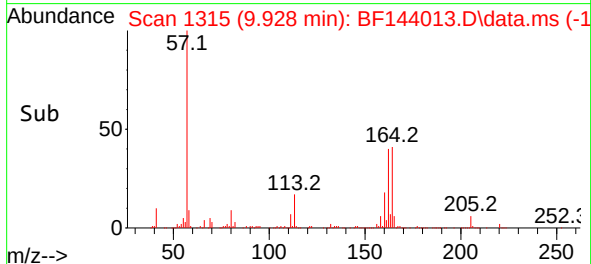
Instrument :
BNA_F
ClientSampleId :
3443



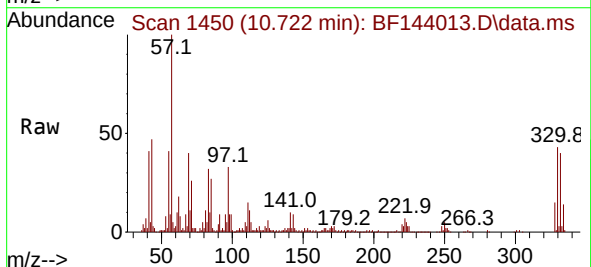
Tgt Ion:164 Resp: 132870
Ion Ratio Lower Upper
164 100
162 96.6 80.2 120.2
160 43.3 35.4 53.0

Manual Integrations
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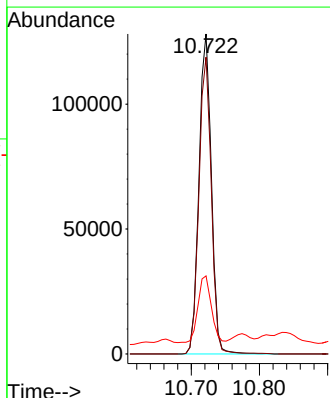
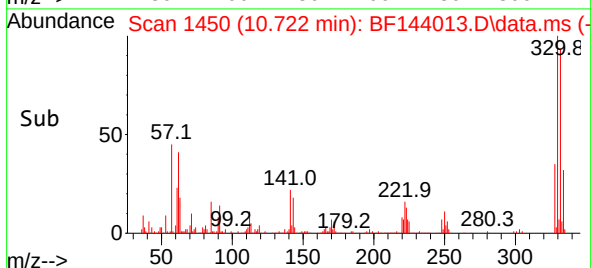
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

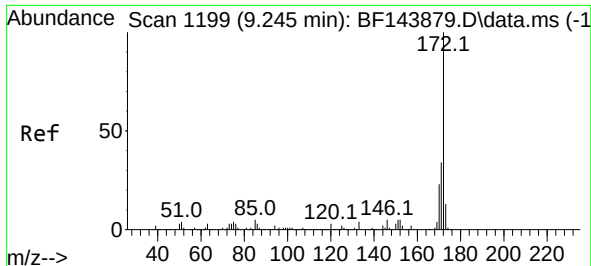


#42
2,4,6-Tribromophenol
Concen: 122.344 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33



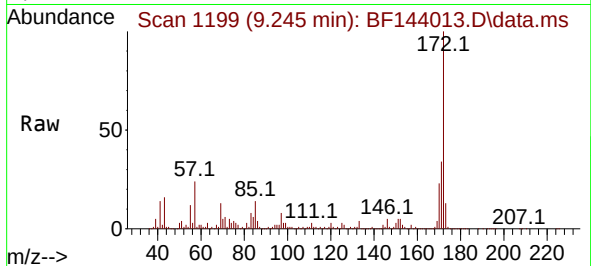
Tgt Ion:330 Resp: 161919
Ion Ratio Lower Upper
330 100
332 92.7 76.9 115.3
141 22.8 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 79.347 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33

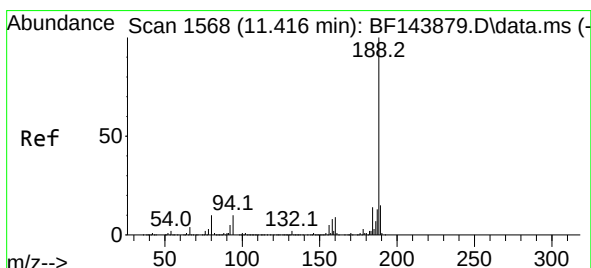
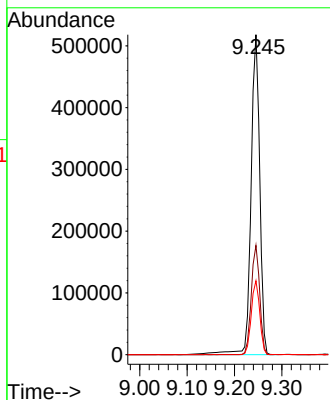
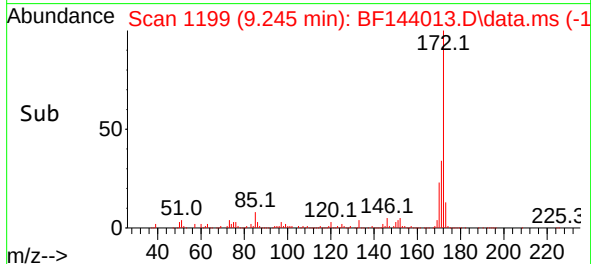
Instrument :
BNA_F
ClientSampleId :
3443



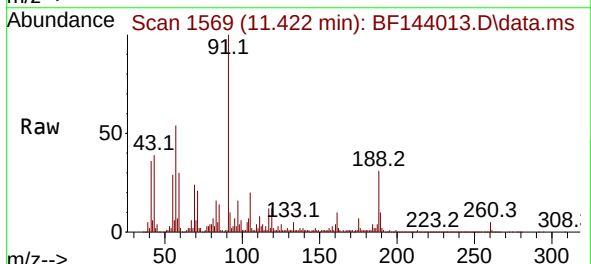
Tgt Ion:172 Resp: 66446
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 23.1 18.6 28.0

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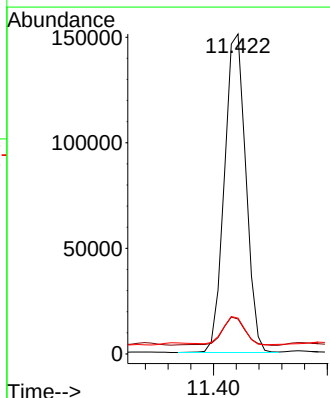
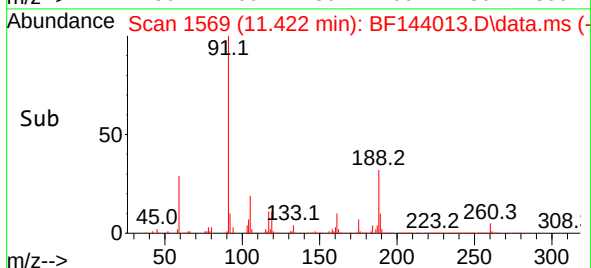
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

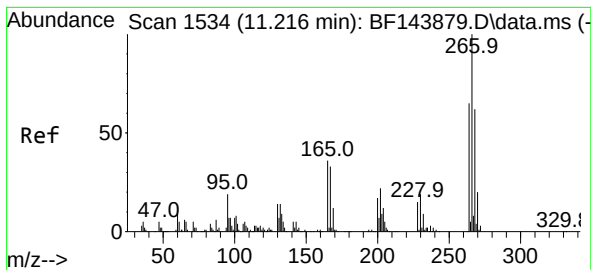


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BF144013.D
Acq: 21 Oct 2025 15:33



Tgt Ion:188 Resp: 197689
Ion Ratio Lower Upper
188 100
94 10.9 7.8 11.6
80 11.2 7.9 11.9





#70

Pentachlorophenol

Concen: 3.276 ng

RT: 11.227 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

Instrument :

BNA_F

ClientSampleId :

3443

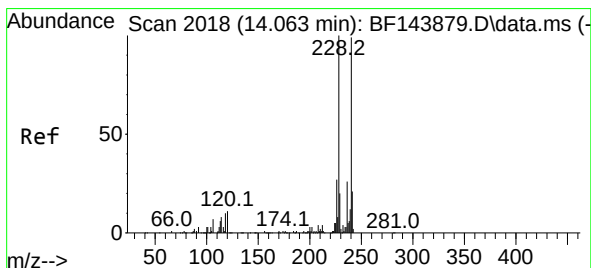
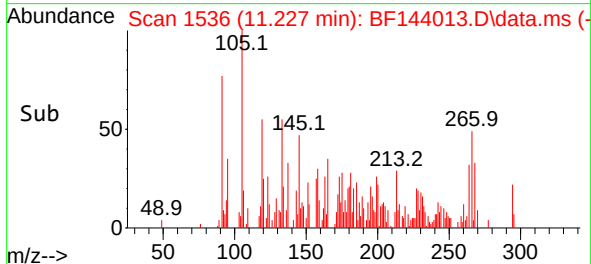
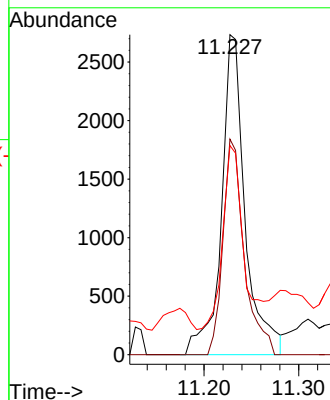
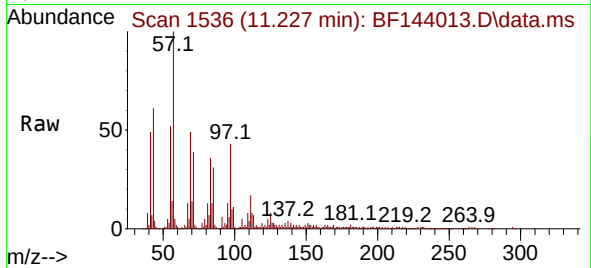
Tgt Ion:266	Resp:	4758
Ion Ratio	Lower	Upper
266	100	
268	67.3	49.4 74.0
264	65.4	51.8 77.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/22/2025

Supervised By :Jagrut Upadhyay 10/22/2025



#76

Chrysene-d12

Concen: 20.000 ng

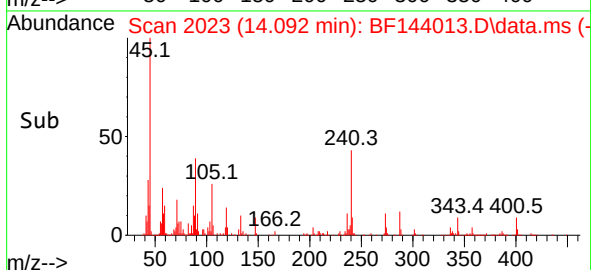
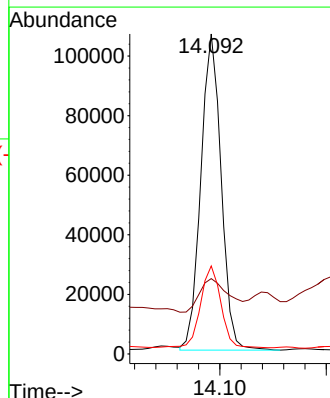
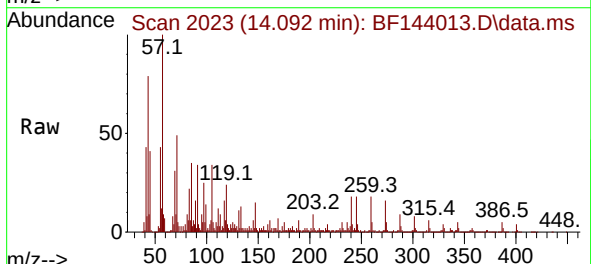
RT: 14.092 min Scan# 2023

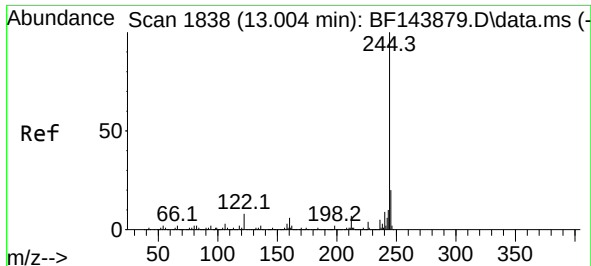
Delta R.T. 0.024 min

Lab File: BF144013.D

Acq: 21 Oct 2025 15:33

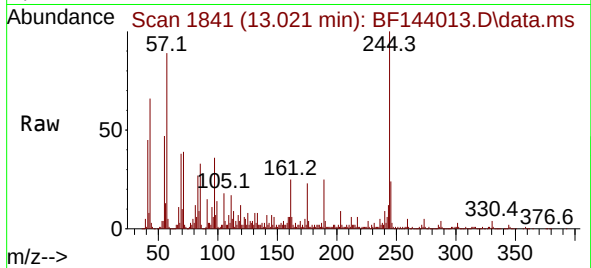
Tgt Ion:240	Resp:	140758
Ion Ratio	Lower	Upper
240	100	
120	23.6	8.6 13.0#
236	27.5	21.1 31.7





#79
 Terphenyl-d14
 Concen: 75.339 ng
 RT: 13.021 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF144013.D
 Acq: 21 Oct 2025 15:33

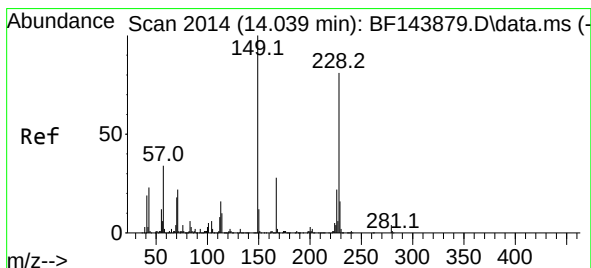
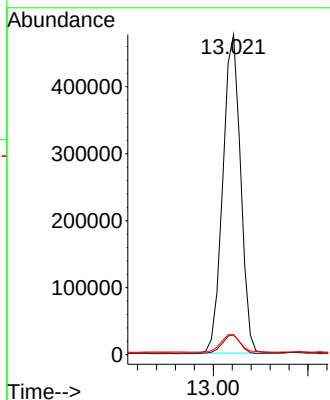
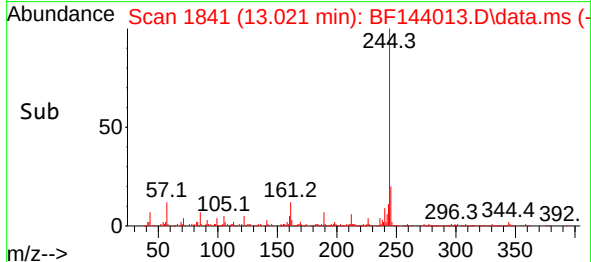
Instrument :
 BNA_F
 ClientSampleId :
 3443



Tgt Ion:244 Resp: 62048
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 6.2 6.4 9.6

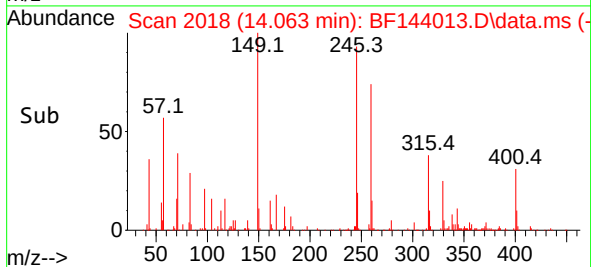
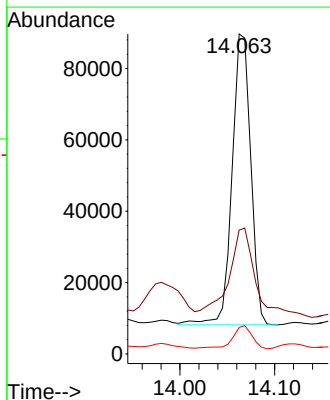
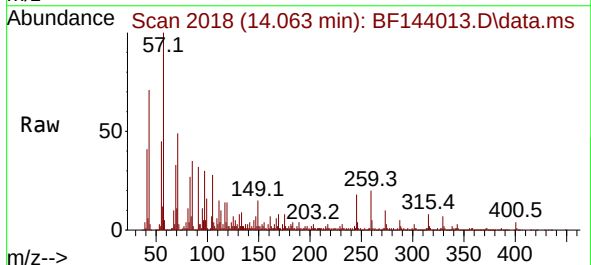
Manual Integrations
 APPROVED

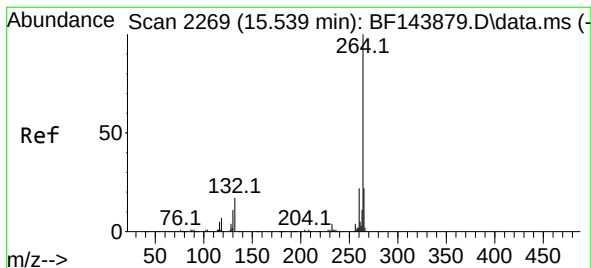
Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 24.260 ng
 RT: 14.063 min Scan# 2018
 Delta R.T. 0.024 min
 Lab File: BF144013.D
 Acq: 21 Oct 2025 15:33

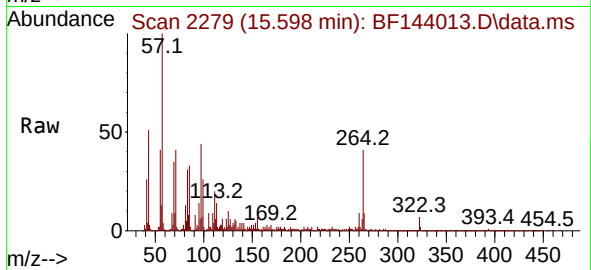
Tgt Ion:149 Resp: 111450
 Ion Ratio Lower Upper
 149 100
 167 38.7 22.2 33.4#
 279 8.3 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: BF144013.D
 Acq: 21 Oct 2025 15:33

Instrument :
 BNA_F
 ClientSampleId :
 3443



Tgt Ion:264 Resp: 234614
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.8 26.8
 265 21.8 17.5 26.3

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025

