

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144014.D
 Acq On : 21 Oct 2025 16:03
 Operator : RC/JU
 Sample : Q3386-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3444

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 16:30:07 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	109277	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	380104	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	175218	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	254880	20.000	ng	0.00
76) Chrysene-d12	14.086	240	175156	20.000	ng	# 0.02
86) Perylene-d12	15.586	264	269690	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	587367	85.355	ng	0.00
7) Phenol-d6	6.516	99	578488m	70.526	ng	0.00
23) Nitrobenzene-d5	7.440	82	441754	70.609	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	185649	106.377	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	819469	74.210	ng	0.00
79) Terphenyl-d14	13.016	244	714511	69.718	ng	0.00
Target Compounds						
10) Phenol	6.534	94	32481m	3.312	ng	Qvalue
15) Benzyl Alcohol	7.034	79	41472	6.748	ng	94
32) Benzoic acid	8.157	122	187803m	50.643	ng	
70) Pentachlorophenol	11.228	266	6743	3.600	ng	94
84) Bis(2-ethylhexyl)phtha...	14.057	149	162000	28.338	ng	# 89

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

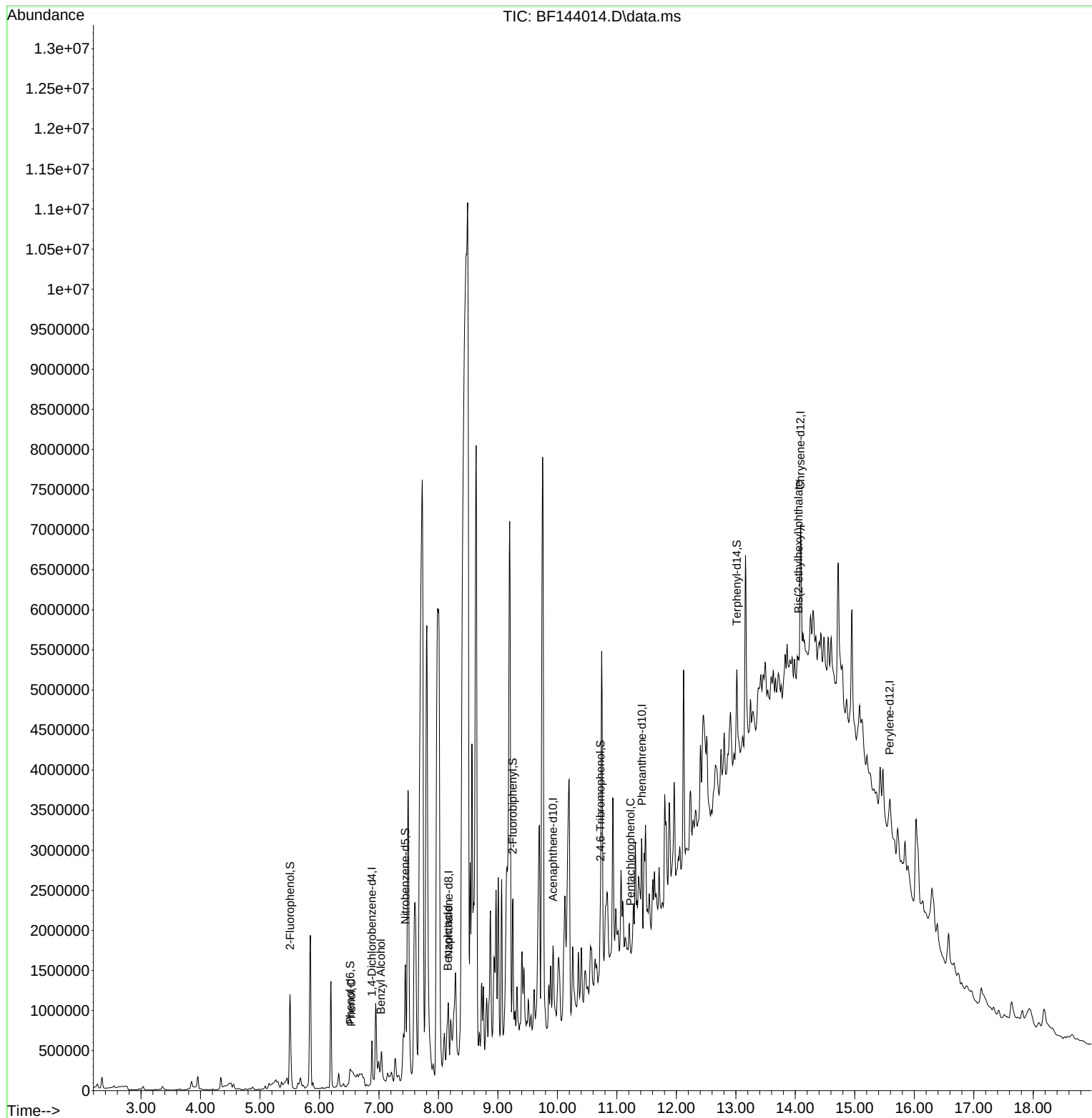
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144014.D
Acq On : 21 Oct 2025 16:03
Operator : RC/JU
Sample : Q3386-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

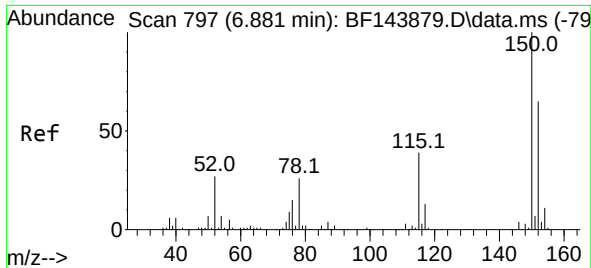
Instrument :
BNA_F
ClientSampleId :
3444

Quant Time: Oct 21 16:30:07 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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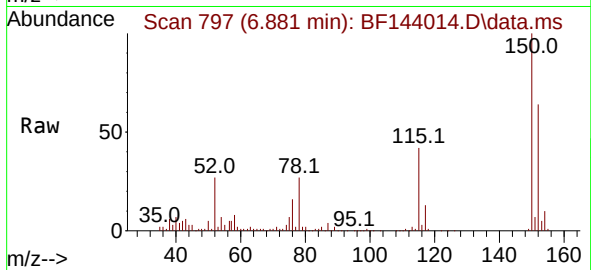
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

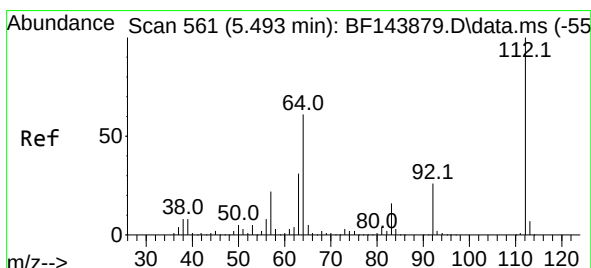
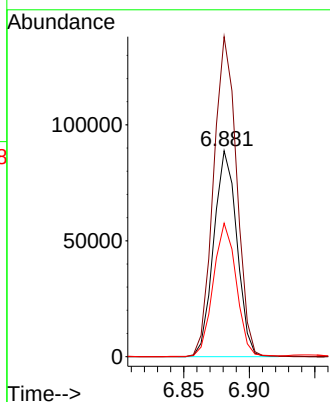
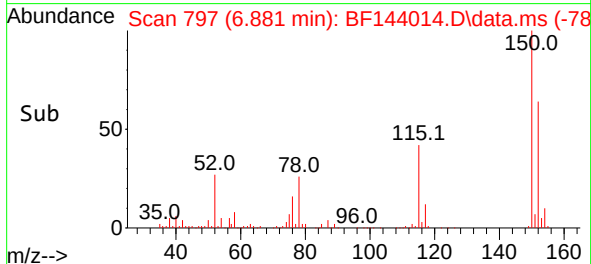
Instrument :
BNA_F
ClientSampleId :
3444



Tgt Ion:152 Resp: 10927
Ion Ratio Lower Upper
152 100
150 155.4 124.4 186.6
115 64.8 48.1 72.1

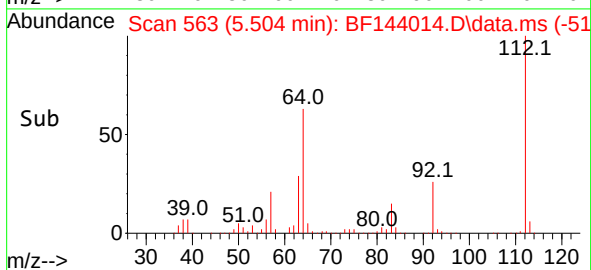
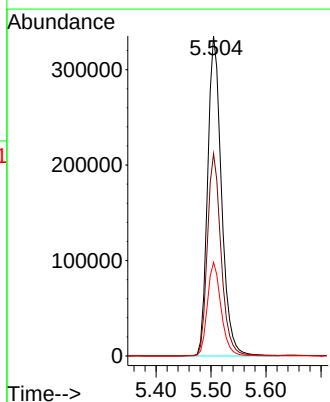
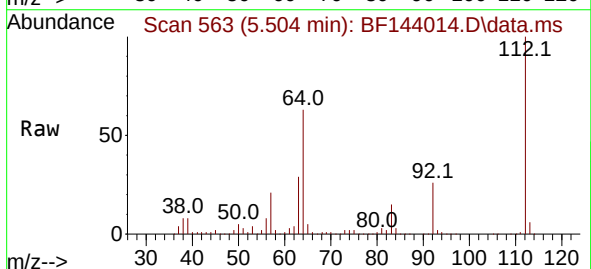
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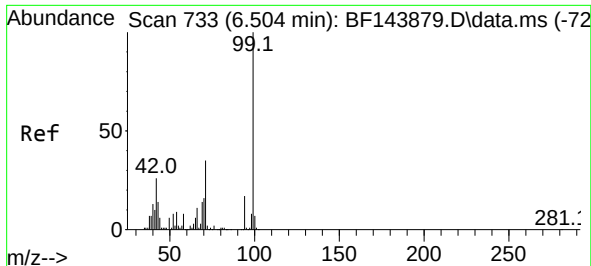
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#5
2-Fluorophenol
Concen: 85.355 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

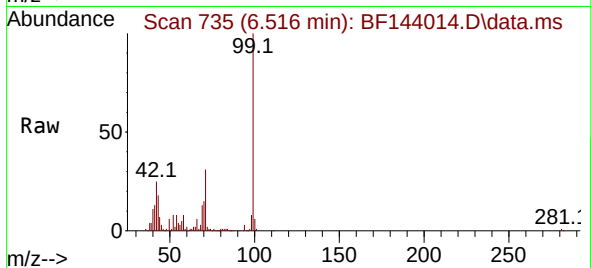
Tgt Ion:112 Resp: 587367
Ion Ratio Lower Upper
112 100
64 63.2 49.1 73.7
63 29.2 24.5 36.7





#7
Phenol-d6
Concen: 70.526 ng m
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

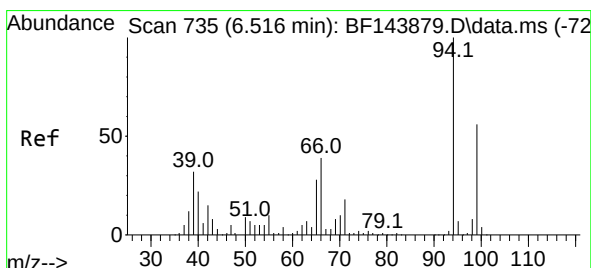
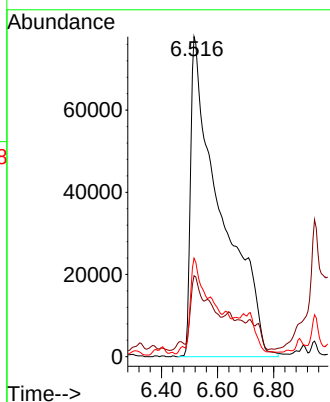
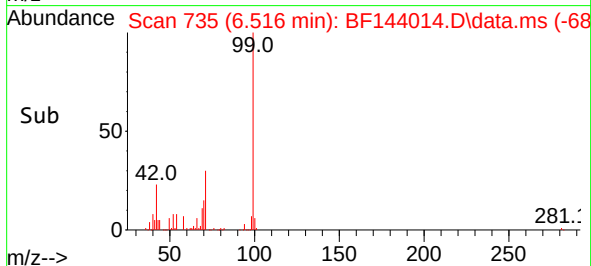
Instrument :
BNA_F
ClientSampleId :
3444



Tgt Ion: 99 Resp: 57848
Ion Ratio Lower Upper
99 100
42 25.3 21.0 31.4
71 30.7 27.8 41.8

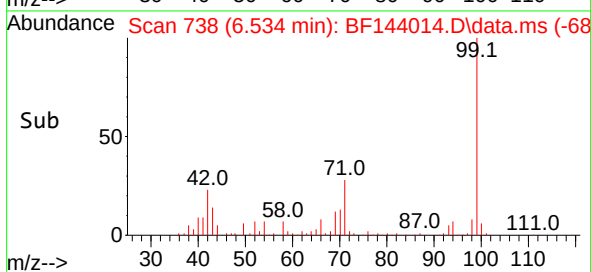
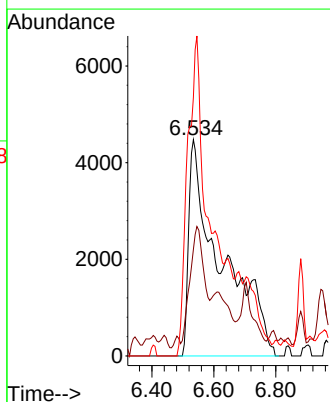
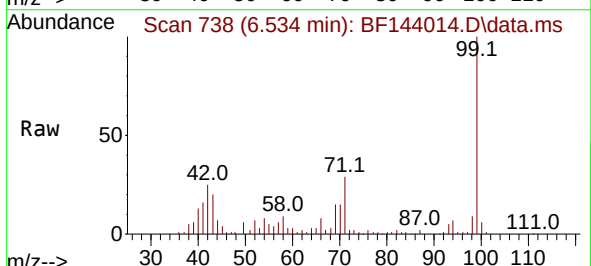
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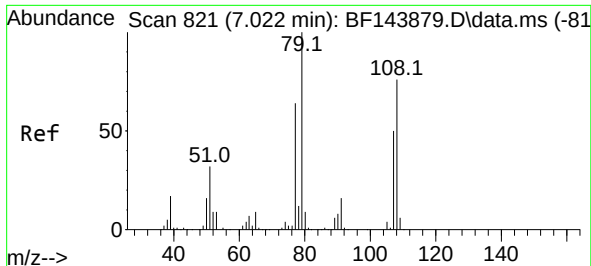
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#10
Phenol
Concen: 3.312 ng m
RT: 6.534 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

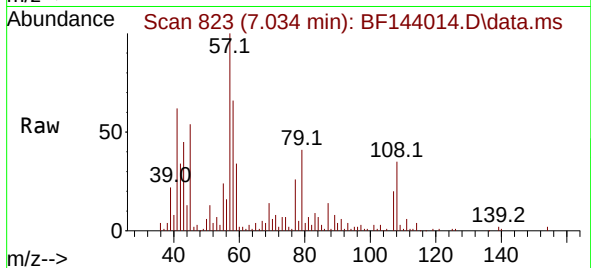
Tgt Ion: 94 Resp: 32481
Ion Ratio Lower Upper
94 100
65 49.2 8.5 48.5#
66 119.6 19.9 59.9#





#15
Benzyl Alcohol
Concen: 6.748 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

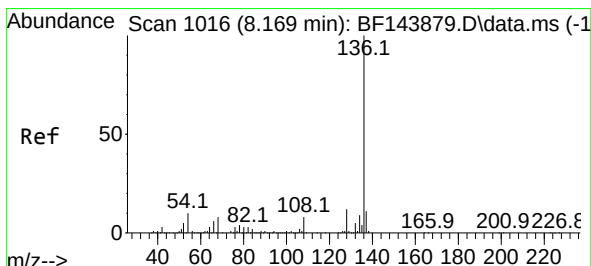
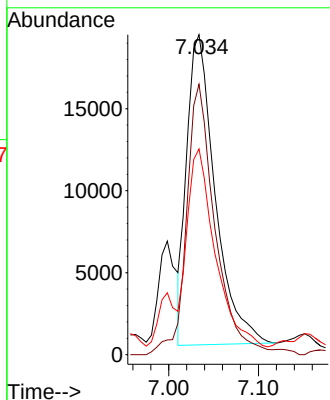
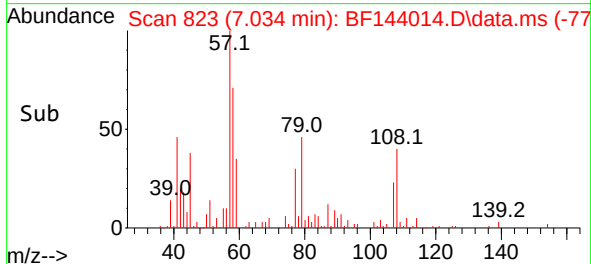
Instrument :
BNA_F
ClientSampleId :
3444



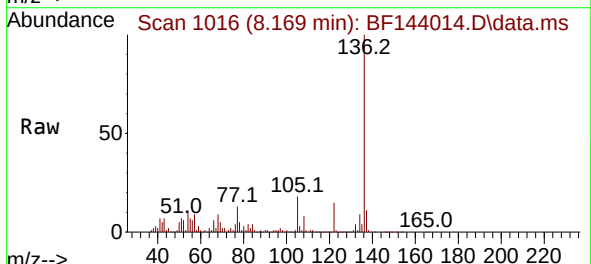
Tgt Ion: 79 Resp: 41472
Ion Ratio Lower Upper
79 100
108 84.5 60.8 91.2
77 64.3 51.0 76.6

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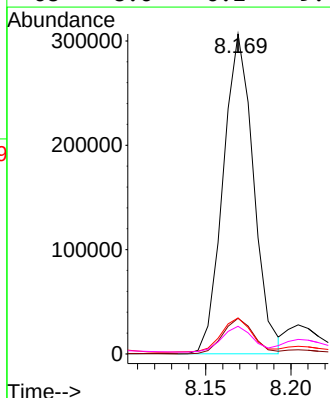
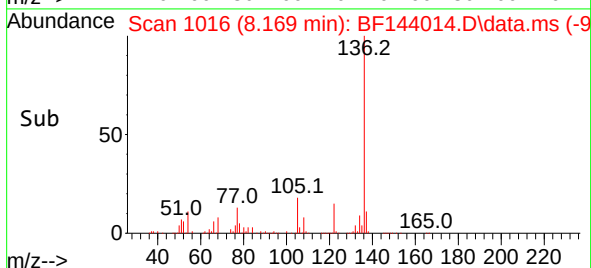
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

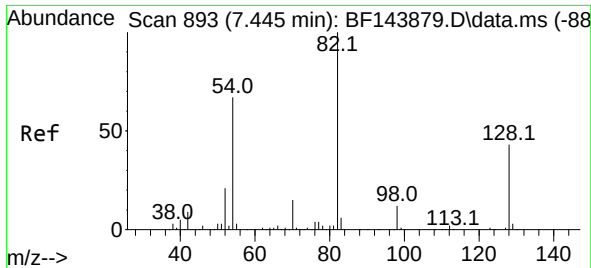


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03



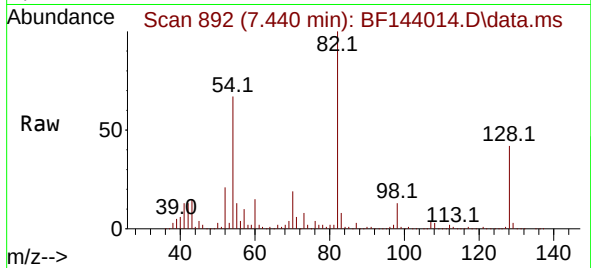
Tgt Ion:136 Resp: 380104
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.2 8.2 12.4
68 8.6 6.2 9.4





#23
Nitrobenzene-d5
Concen: 70.609 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

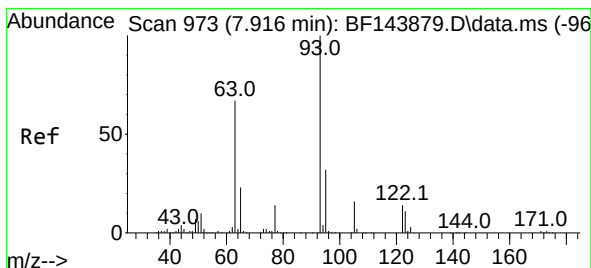
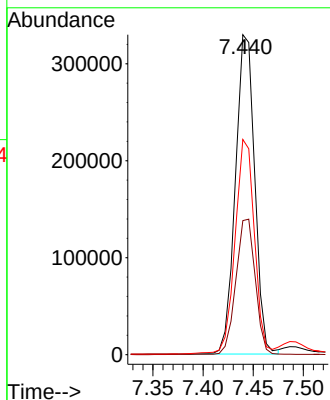
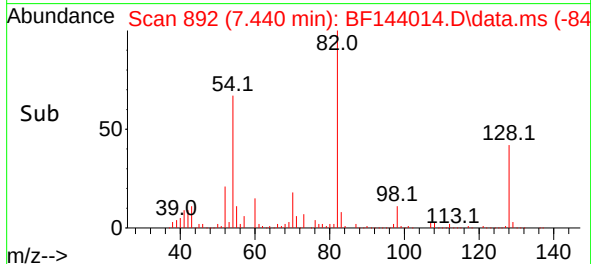
Instrument :
BNA_F
ClientSampleId :
3444



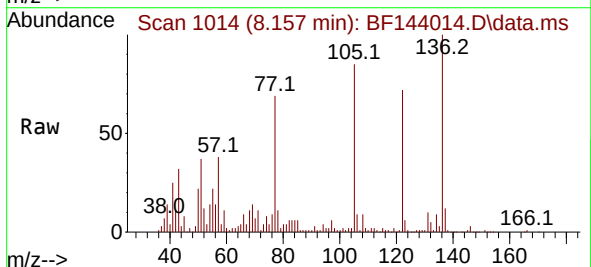
Tgt Ion: 82 Resp: 441754
Ion Ratio Lower Upper
82 100
128 41.9 34.0 51.0
54 67.2 53.2 79.8

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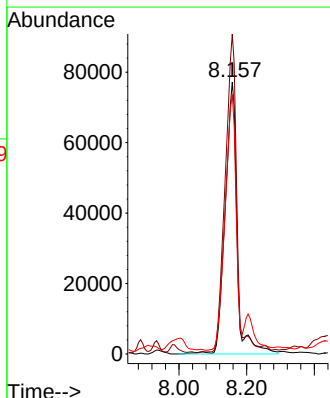
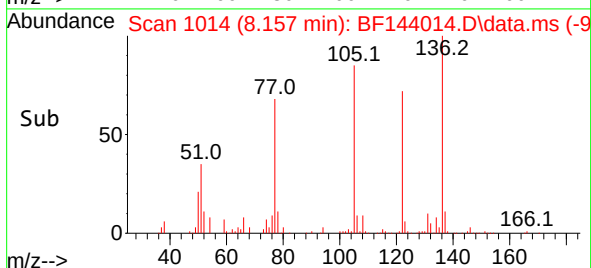
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025

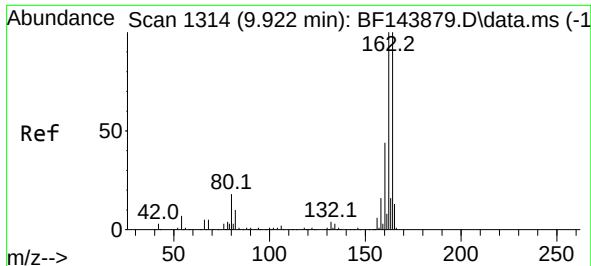


#32
Benzoic acid
Concen: 50.643 ng m
RT: 8.157 min Scan# 1014
Delta R.T. 0.194 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03



Tgt Ion:122 Resp: 187803
Ion Ratio Lower Upper
122 100
105 117.7 93.5 133.5
77 95.5 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: BF144014.D

Acq: 21 Oct 2025 16:03

Instrument :

BNA_F

ClientSampleId :

3444

Tgt Ion:164 Resp: 175218

Ion Ratio Lower Upper

164 100

162 96.6 80.2 120.2

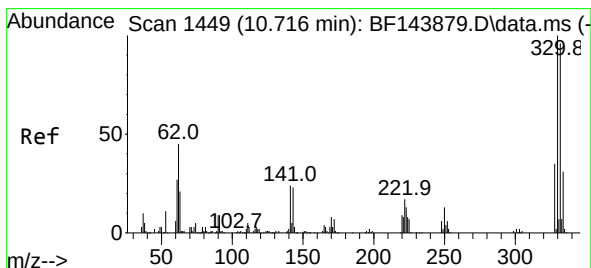
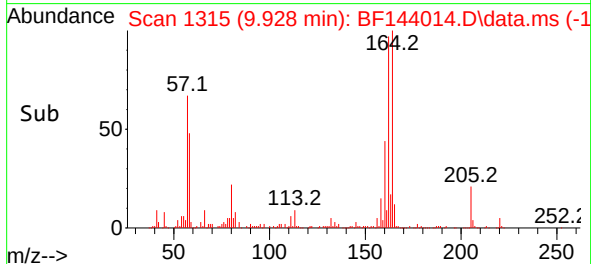
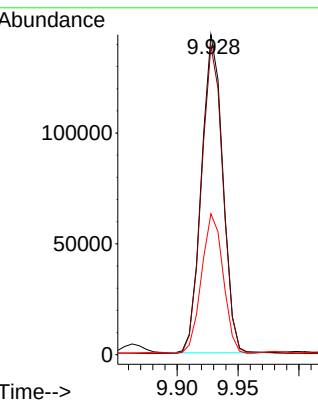
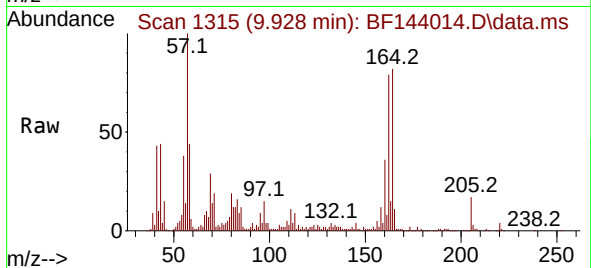
160 44.0 35.4 53.0

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: 106.377 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF144014.D

Acq: 21 Oct 2025 16:03

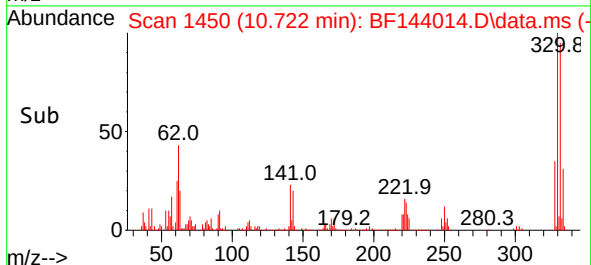
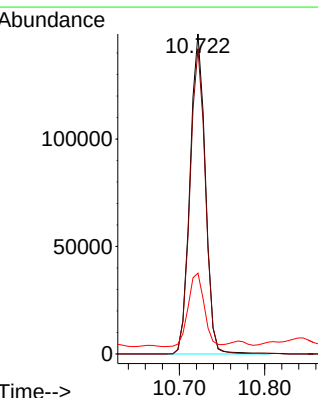
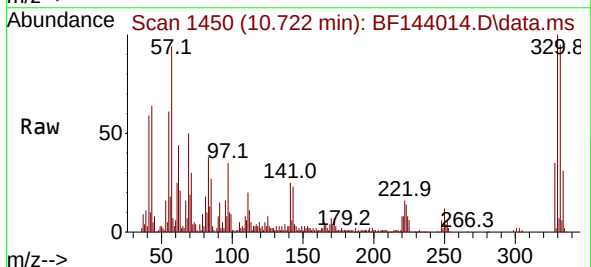
Tgt Ion:330 Resp: 185649

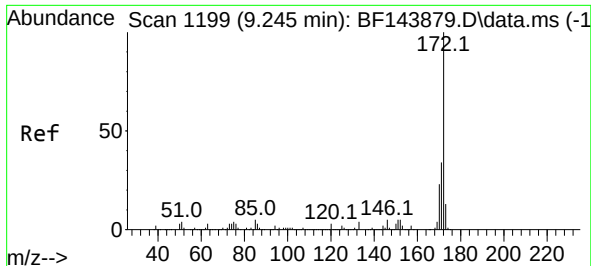
Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

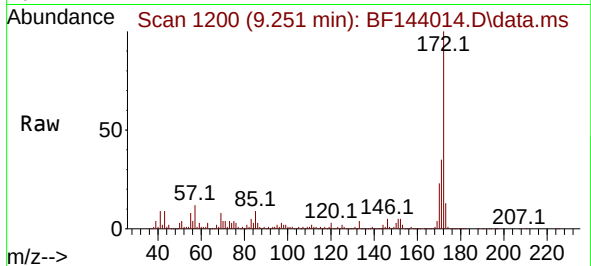
141 24.1 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 74.210 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

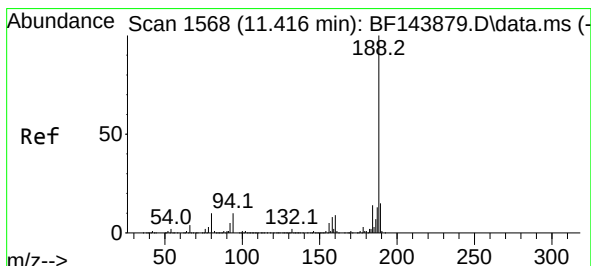
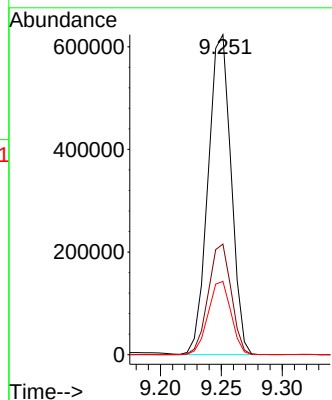
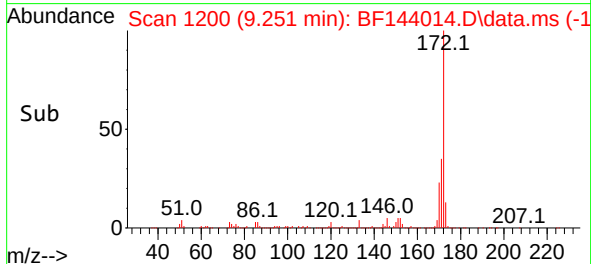
Instrument :
BNA_F
ClientSampleId :
3444



Tgt Ion:172 Resp: 819469
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.0
170 22.9 18.6 28.0

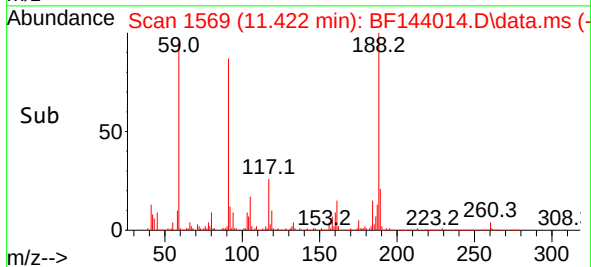
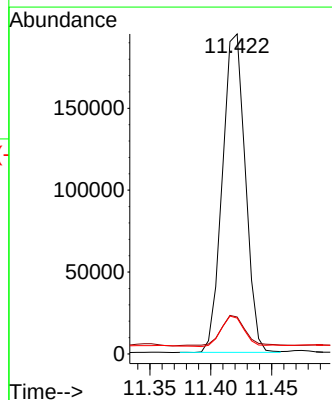
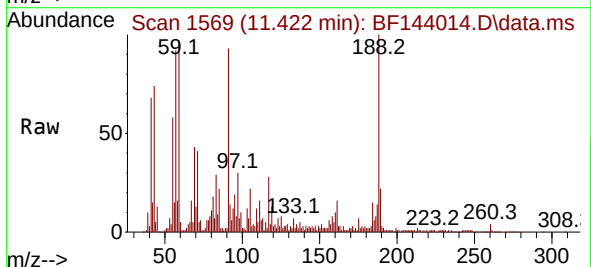
Manual Integrations
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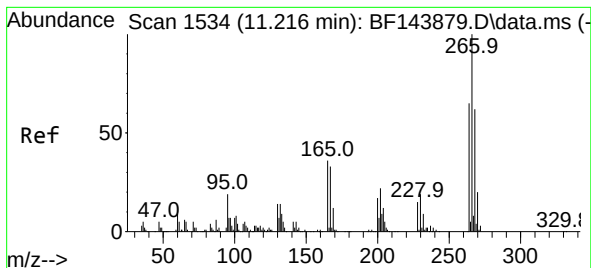
Reviewed By :Rahul Chavli 10/22/2025
Supervised By :Jagrut Upadhyay 10/22/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BF144014.D
Acq: 21 Oct 2025 16:03

Tgt Ion:188 Resp: 254880
Ion Ratio Lower Upper
188 100
94 11.5 7.8 11.6
80 11.2 7.9 11.9





#70

Pentachlorophenol

Concen: 3.600 ng

RT: 11.228 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144014.D

Acq: 21 Oct 2025 16:03

Instrument :

BNA_F

ClientSampleId :

3444

Tgt Ion:266 Resp: 674

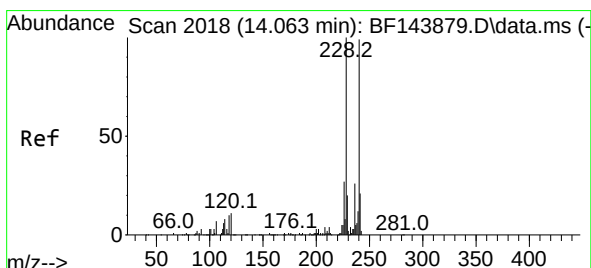
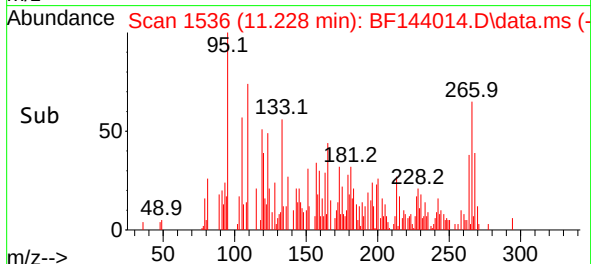
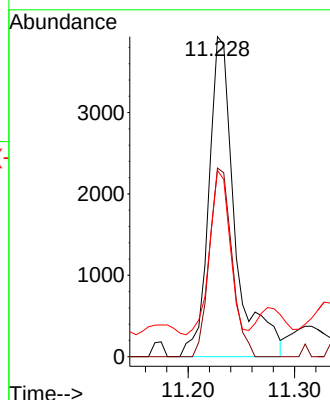
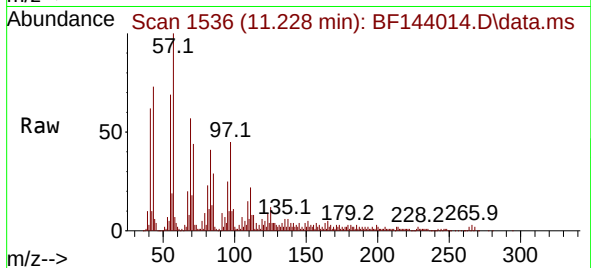
Ion	Ratio	Lower	Upper
266	100		
268	59.0	49.4	74.0
264	58.2	51.8	77.6

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: 14.086 min Scan# 2022

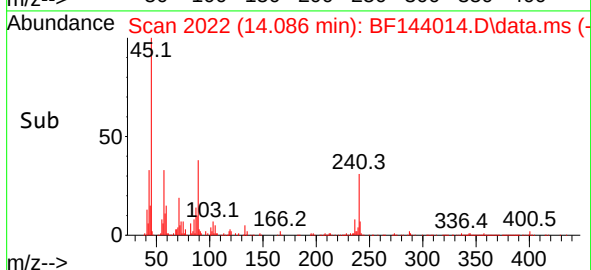
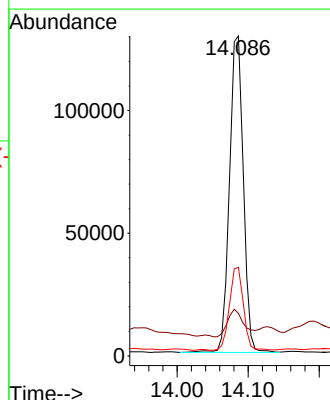
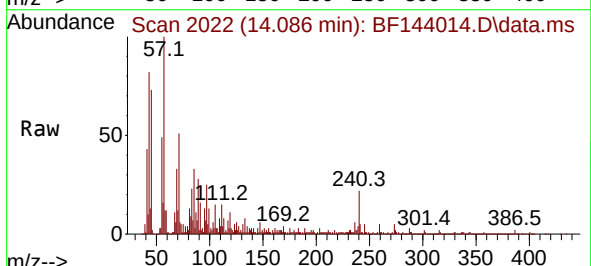
Delta R.T. 0.018 min

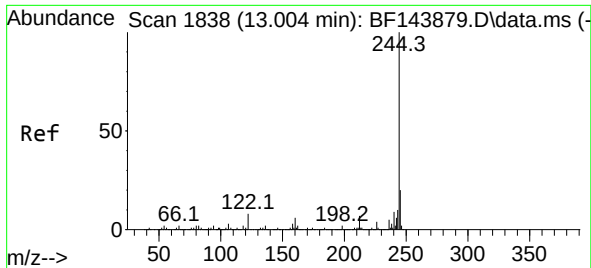
Lab File: BF144014.D

Acq: 21 Oct 2025 16:03

Tgt Ion:240 Resp: 175156

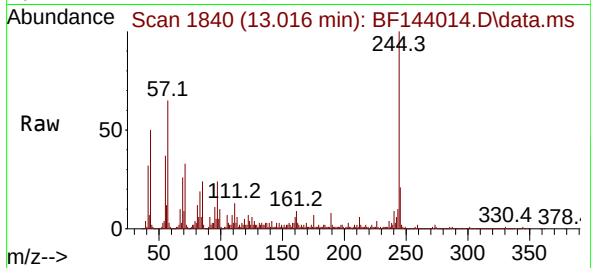
Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.6	13.0
236	27.7	21.1	31.7





#79
 Terphenyl-d14
 Concen: 69.718 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

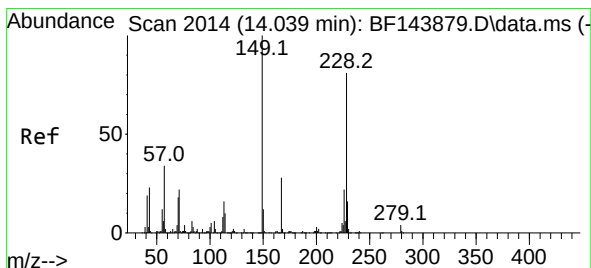
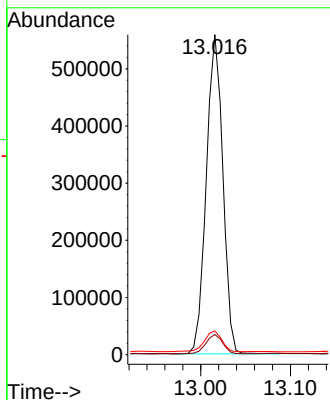
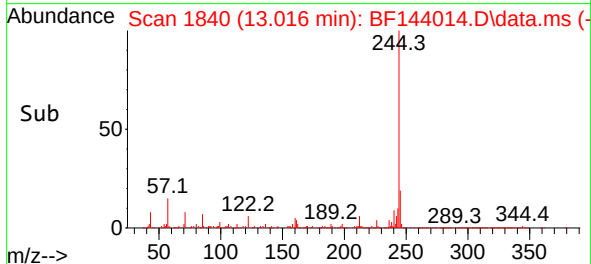
Instrument :
 BNA_F
 ClientSampleId :
 3444



Tgt Ion:244 Resp: 714511
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.4 6.4 9.6

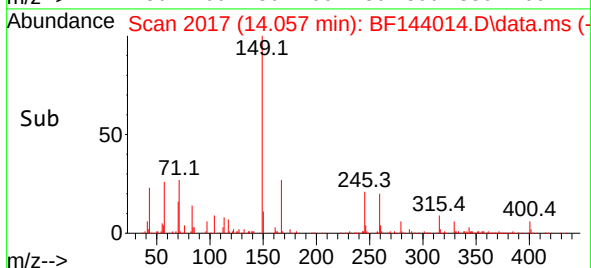
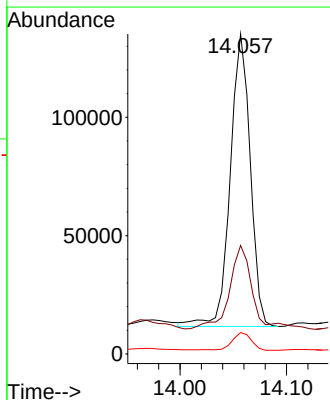
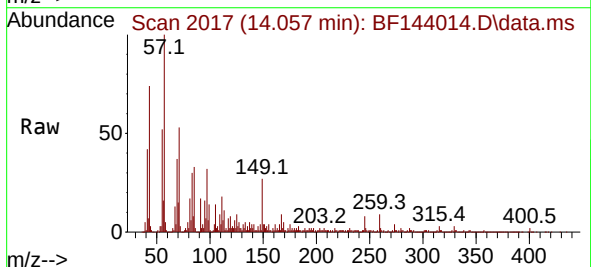
Manual Integrations
 APPROVED

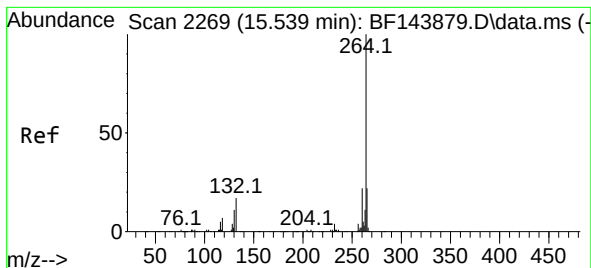
Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 28.338 ng
 RT: 14.057 min Scan# 2017
 Delta R.T. 0.018 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

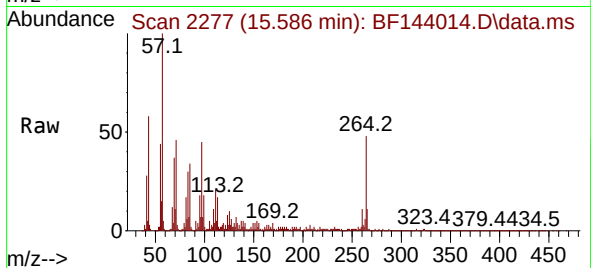
Tgt Ion:149 Resp: 162000
 Ion Ratio Lower Upper
 149 100
 167 33.9 22.2 33.4#
 279 6.7 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Instrument :
 BNA_F
 ClientSampleId :
 3444



Tgt Ion:264 Resp: 269690
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.8 26.8
 265 22.5 17.5 26.3

Manual Integrations
 APPROVED

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

