

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143374.D
 Acq On : 13 Aug 2025 14:42
 Operator : RC/JU
 Sample : Q2831-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 15:15:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	202512	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	799504	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	444222	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	765361	20.000	ng	0.00
76) Chrysene-d12	14.092	240	500082	20.000	ng	0.00
86) Perylene-d12	15.586	264	363143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1364376	116.505	ng	0.02
7) Phenol-d6	6.563	99	1613961	107.470	ng	0.00
23) Nitrobenzene-d5	7.487	82	1254237	97.693	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	584897	180.164	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	2202464	84.076	ng	0.00
79) Terphenyl-d14	13.039	244	2682269	95.759	ng	0.00
Target Compounds						
32) Benzoic acid	7.987	122	10161m	6.057	ng	Qvalue
50) Dimethylphthalate	9.675	163	71647	2.760	ng	100

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

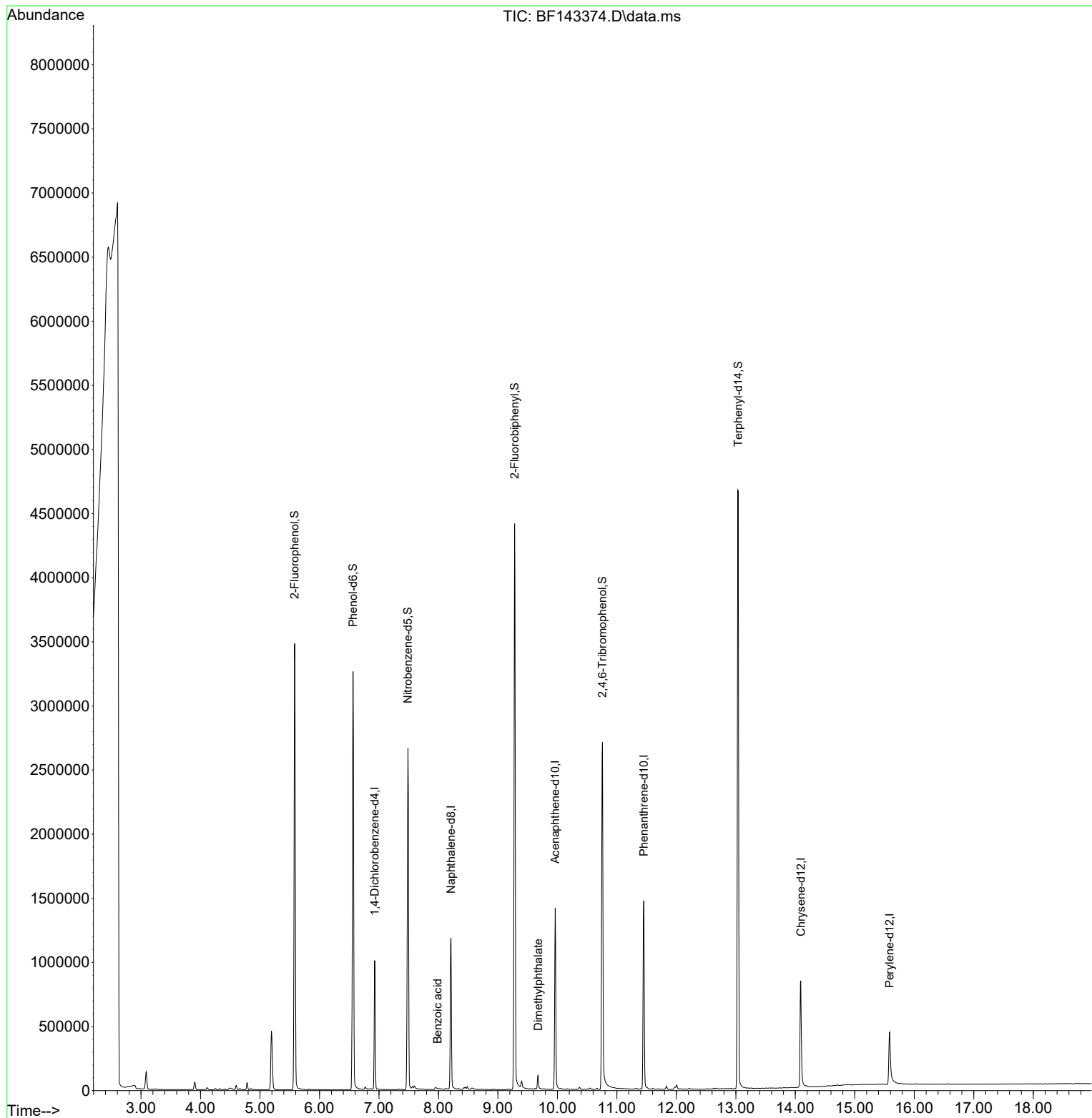
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
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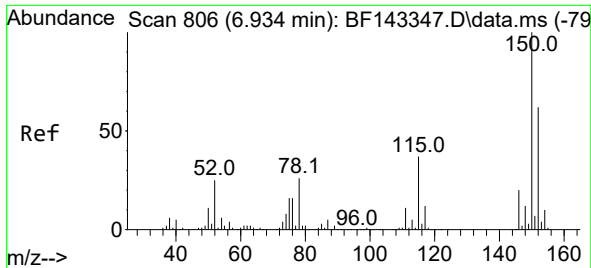
Instrument :
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Quant Time: Aug 13 15:15:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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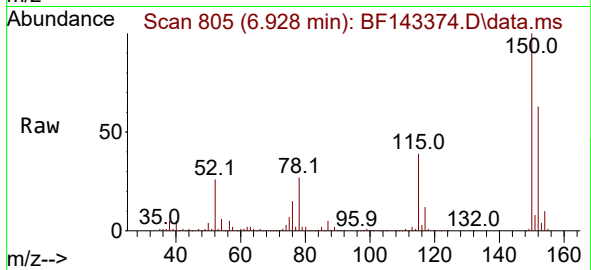
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143374.D
Acq: 13 Aug 2025 14:42

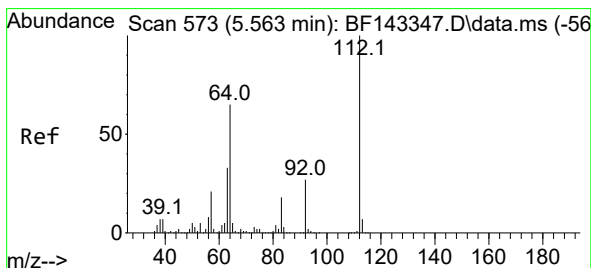
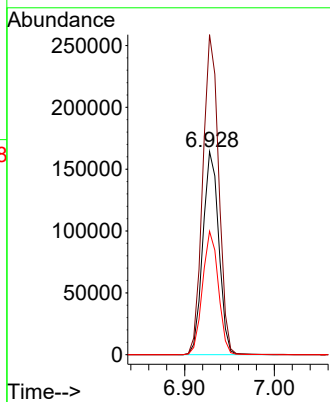
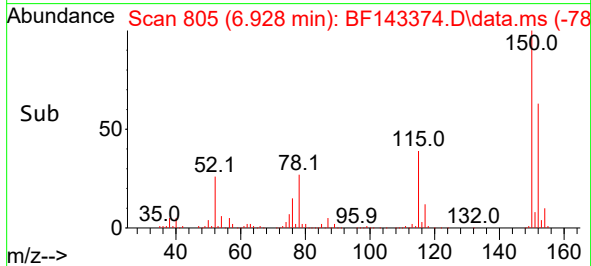
Instrument :
BNA_F
ClientSampleId :
VNJ-238



Tgt Ion:152 Resp: 20251
Ion Ratio Lower Upper
152 100
150 157.6 129.8 194.8
115 60.8 47.8 71.8

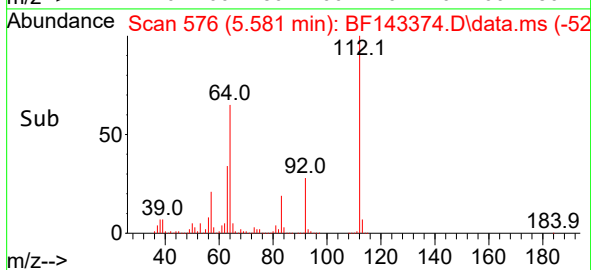
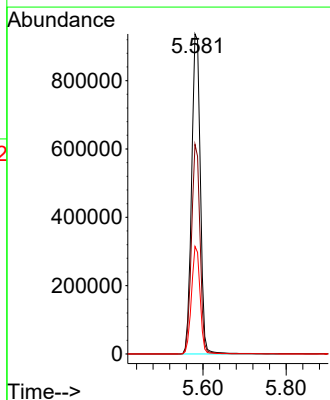
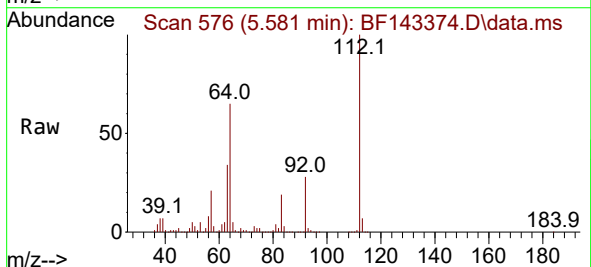
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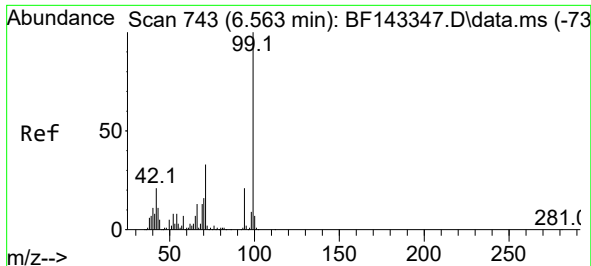
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#5
2-Fluorophenol
Concen: 116.505 ng
RT: 5.581 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF143374.D
Acq: 13 Aug 2025 14:42

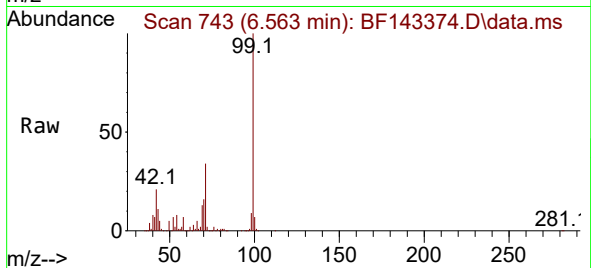
Tgt Ion:112 Resp: 1364376
Ion Ratio Lower Upper
112 100
64 65.5 52.1 78.1
63 33.6 26.6 39.8





#7
Phenol-d6
Concen: 107.470 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143374.D
Acq: 13 Aug 2025 14:42

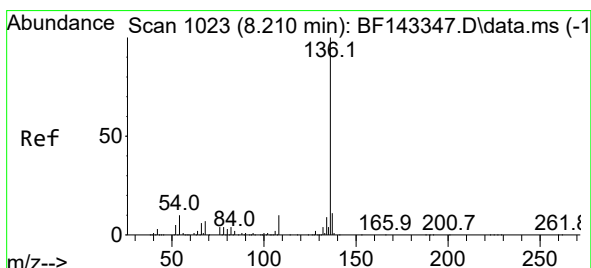
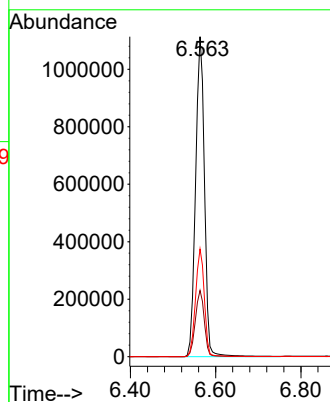
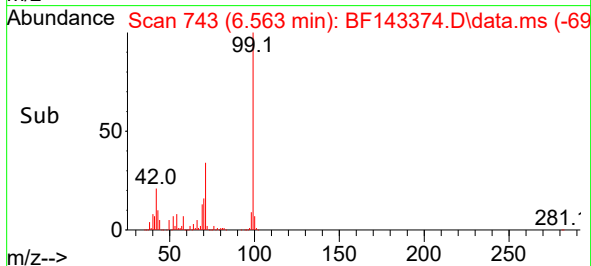
Instrument :
BNA_F
ClientSampleId :
VNJ-238



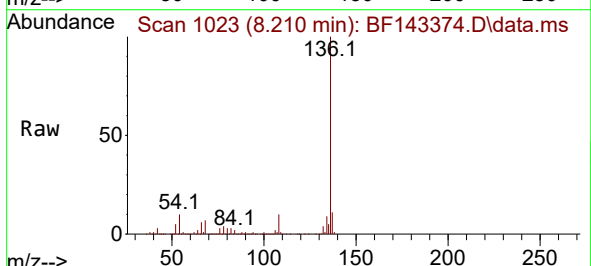
Tgt Ion: 99 Resp: 161396
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 33.7 26.2 39.2

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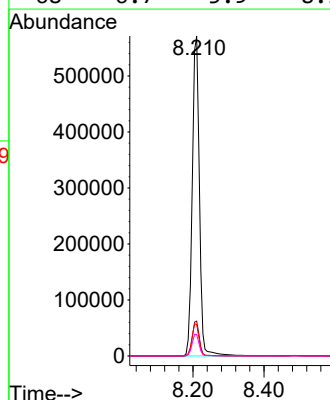
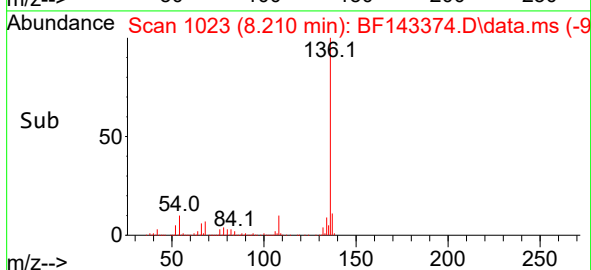
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

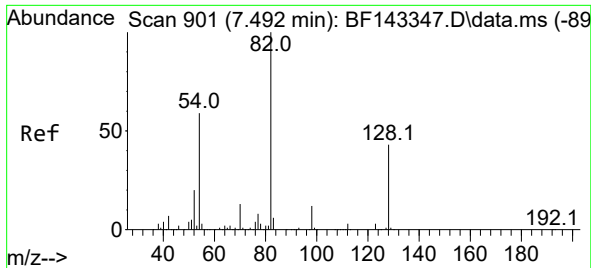


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143374.D
Acq: 13 Aug 2025 14:42



Tgt Ion:136 Resp: 799504
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.8 8.4 12.6
68 6.7 5.9 8.9





#23

Nitrobenzene-d5

Concen: 97.693 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143374.D

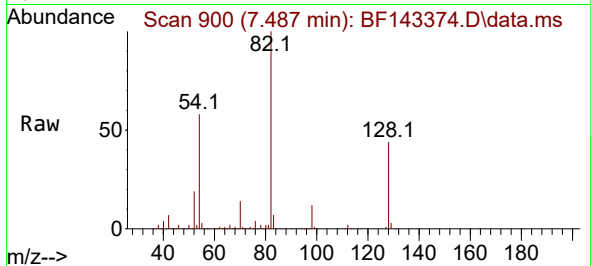
Acq: 13 Aug 2025 14:42

Instrument :

BNA_F

ClientSampleId :

VNJ-238



Tgt Ion: 82 Resp: 125423

Ion Ratio Lower Upper

82 100

128 43.8 33.5 50.3

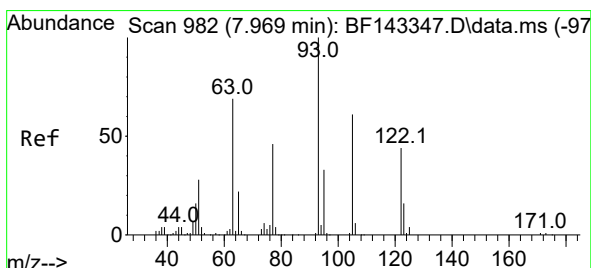
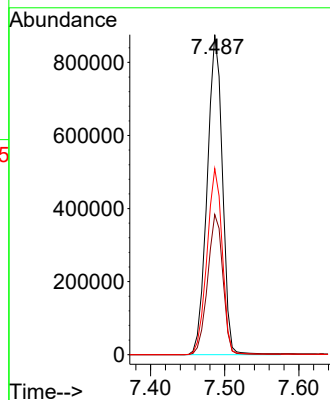
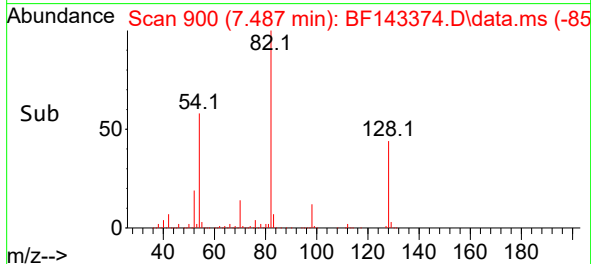
54 58.2 46.7 70.1

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#32

Benzoic acid

Concen: 6.057 ng m

RT: 7.987 min Scan# 985

Delta R.T. 0.018 min

Lab File: BF143374.D

Acq: 13 Aug 2025 14:42

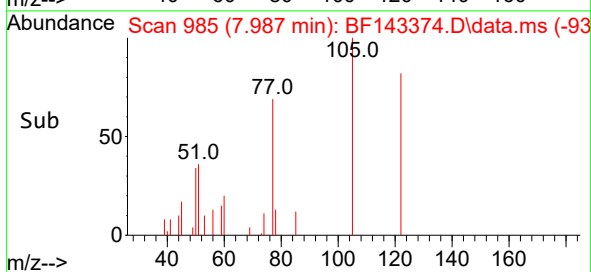
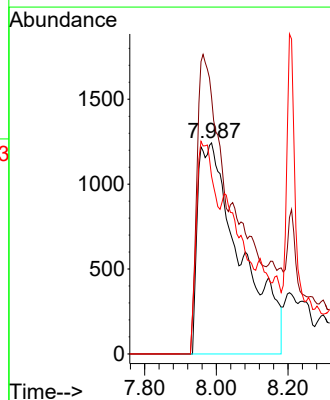
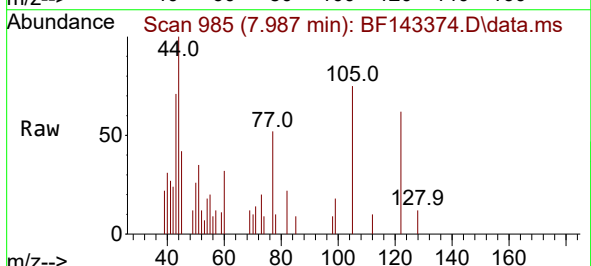
Tgt Ion:122 Resp: 10161

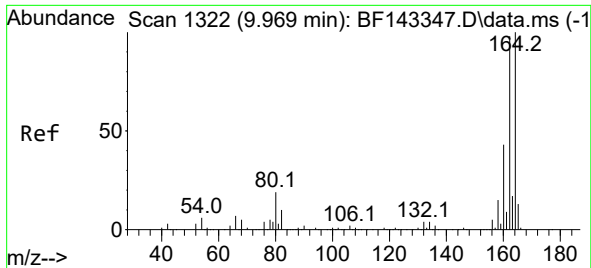
Ion Ratio Lower Upper

122 100

105 121.7 106.4 146.4

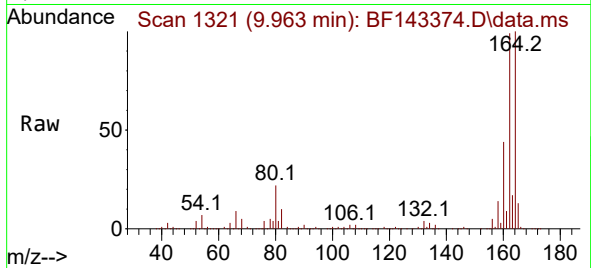
77 84.2 79.2 119.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143374.D
Acq: 13 Aug 2025 14:42

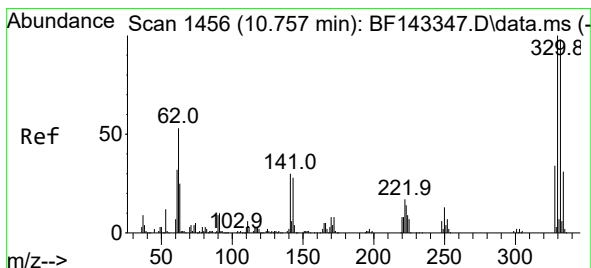
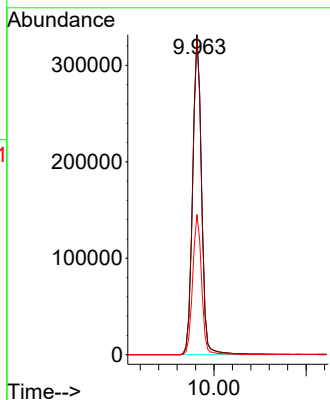
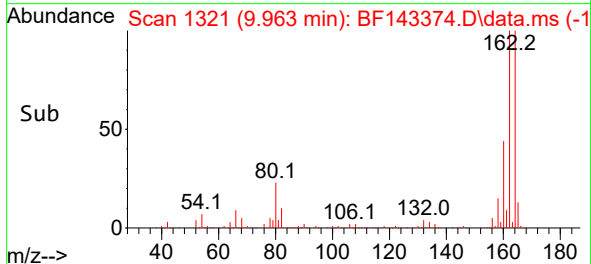
Instrument :
BNA_F
ClientSampleId :
VNJ-238



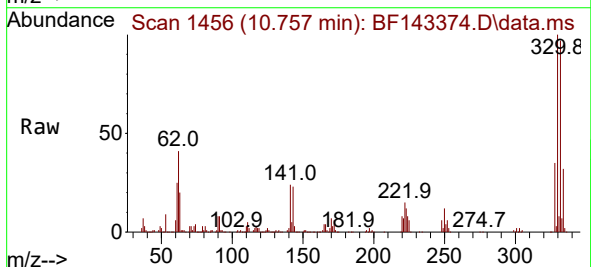
Tgt Ion:164 Resp: 444222
Ion Ratio Lower Upper
164 100
162 98.8 78.6 118.0
160 43.8 34.4 51.6

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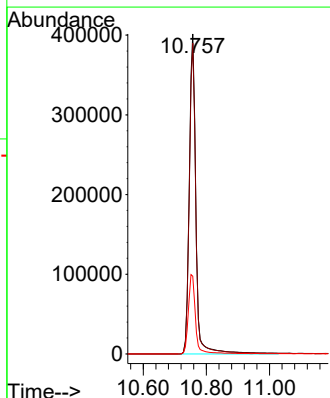
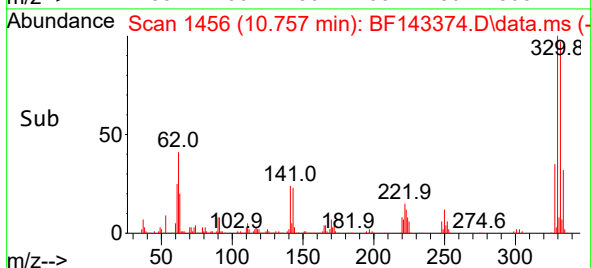
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

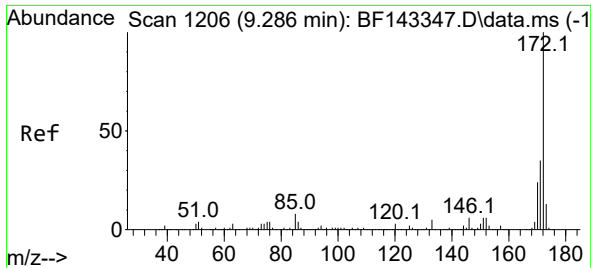


#42
2,4,6-Tribromophenol
Concen: 180.164 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF143374.D
Acq: 13 Aug 2025 14:42



Tgt Ion:330 Resp: 584897
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 27.1 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 84.076 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143374.D

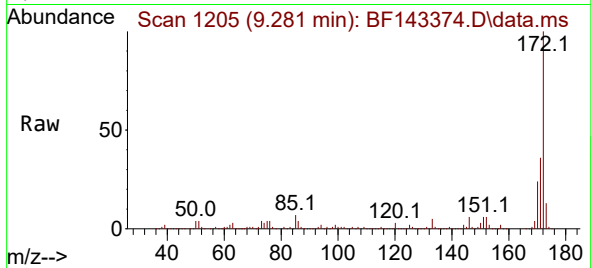
Acq: 13 Aug 2025 14:42

Instrument :

BNA_F

ClientSampleId :

VNJ-238



Tgt Ion:172 Resp: 220246

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

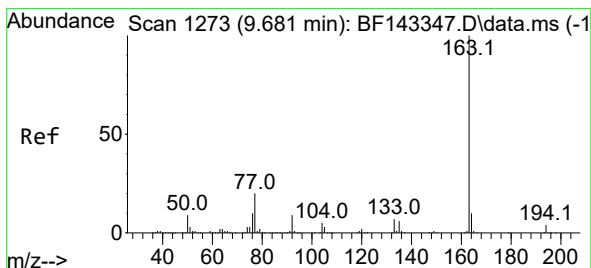
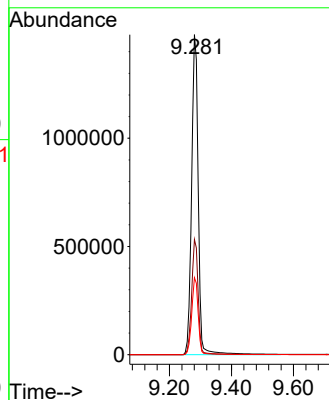
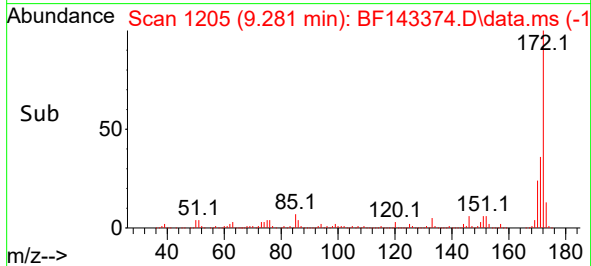
170 24.0 19.1 28.7

Manual Integrations

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#50

Dimethylphthalate

Concen: 2.760 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF143374.D

Acq: 13 Aug 2025 14:42

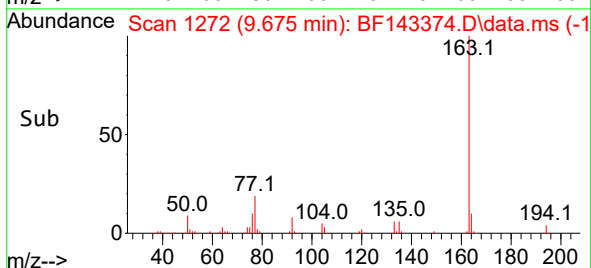
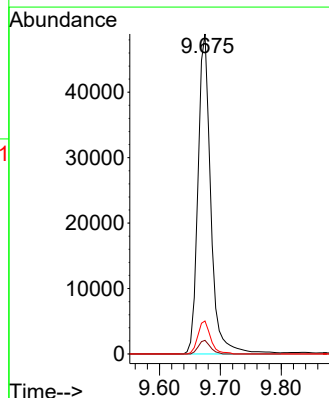
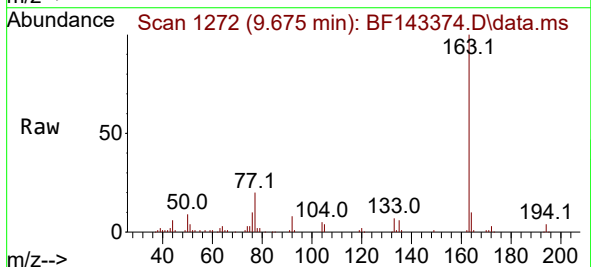
Tgt Ion:163 Resp: 71647

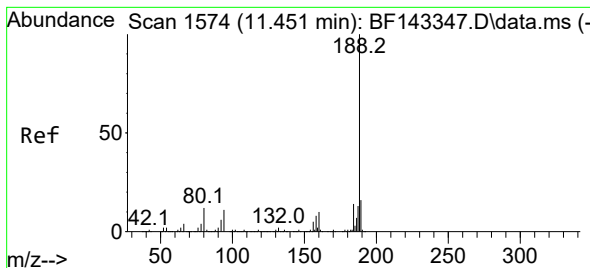
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

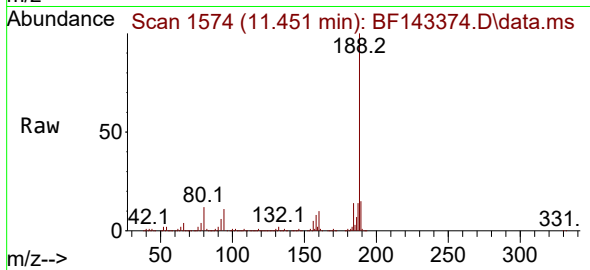
164 10.3 8.2 12.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143374.D
Acq: 13 Aug 2025 14:42

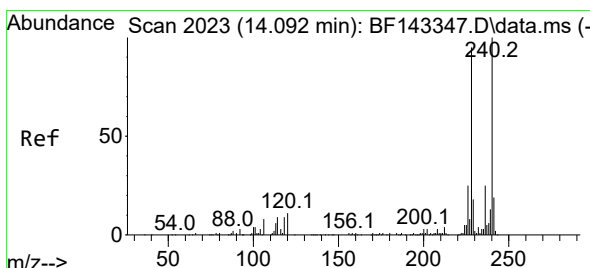
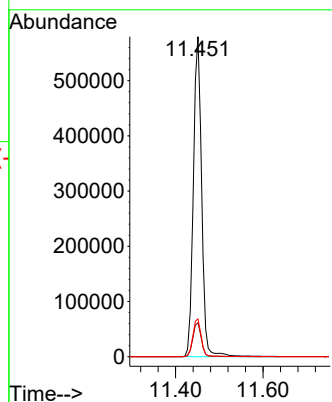
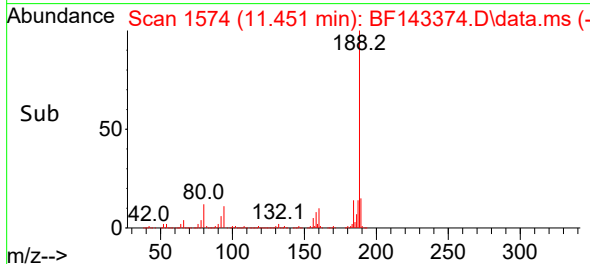
Instrument :
BNA_F
ClientSampleId :
VNJ-238



Tgt Ion:188 Resp: 76536
Ion Ratio Lower Upper
188 100
94 10.6 8.8 13.2
80 11.8 9.7 14.5

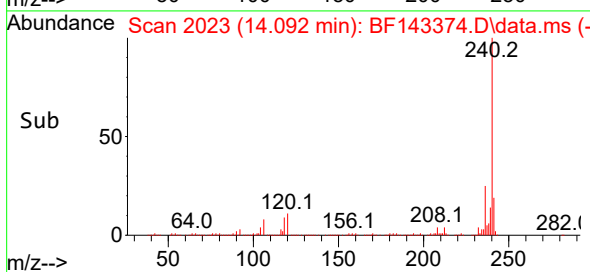
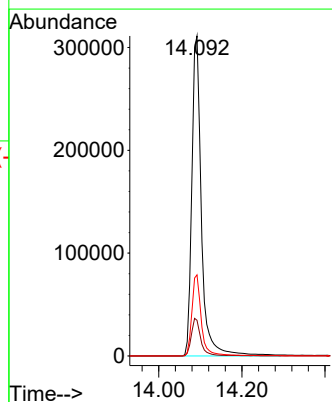
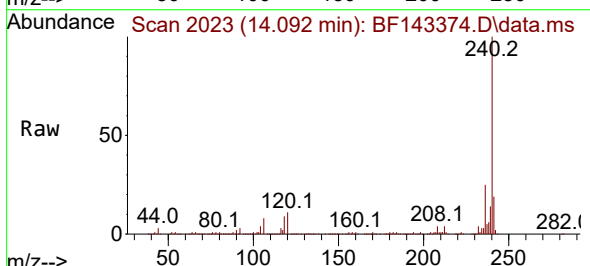
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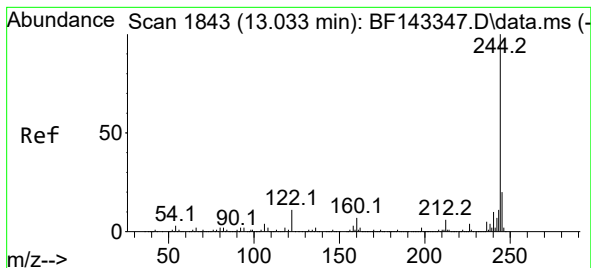
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF143374.D
Acq: 13 Aug 2025 14:42

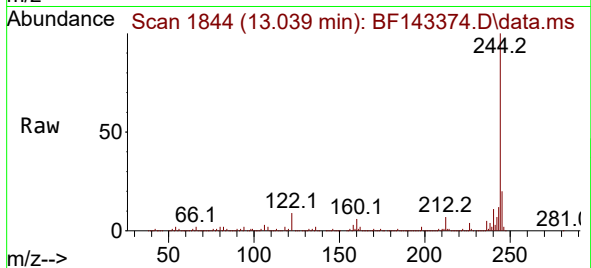
Tgt Ion:240 Resp: 500082
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.4 19.9 29.9





#79
 Terphenyl-d14
 Concen: 95.759 ng
 RT: 13.039 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF143374.D
 Acq: 13 Aug 2025 14:42

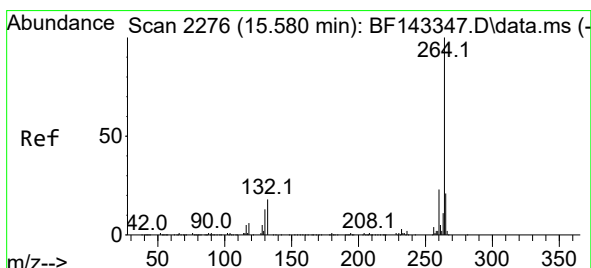
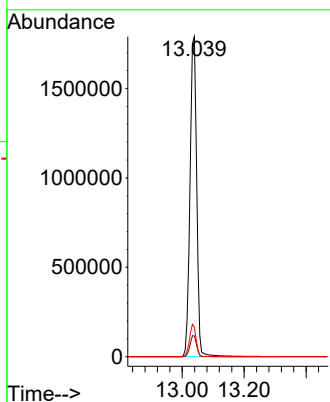
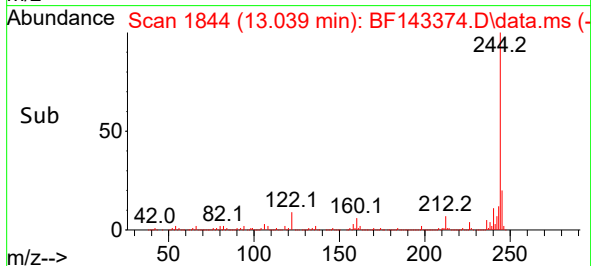
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 ClientSampleId :
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Tgt Ion:244 Resp: 2682269
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 9.3 8.9 13.3

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2277
 Delta R.T. 0.006 min
 Lab File: BF143374.D
 Acq: 13 Aug 2025 14:42

Tgt Ion:264 Resp: 363143
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 21.0 17.2 25.8

