

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143373.D
 Acq On : 13 Aug 2025 14:11
 Operator : RC/JU
 Sample : Q2827-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Aug 13 14:32:25 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	174108	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	670714	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	379214	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	649011	20.000	ng	0.00
76) Chrysene-d12	14.086	240	441865	20.000	ng	0.00
86) Perylene-d12	15.580	264	377092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1181434	117.341	ng	0.02
7) Phenol-d6	6.563	99	1380750	106.940	ng	0.00
23) Nitrobenzene-d5	7.487	82	1056561	98.098	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	488018	176.092	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1872645	83.740	ng	0.00
79) Terphenyl-d14	13.033	244	2358587	95.298	ng	0.00
Target Compounds						
32) Benzoic acid	7.969	122	13038m	7.395	ng	Qvalue

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

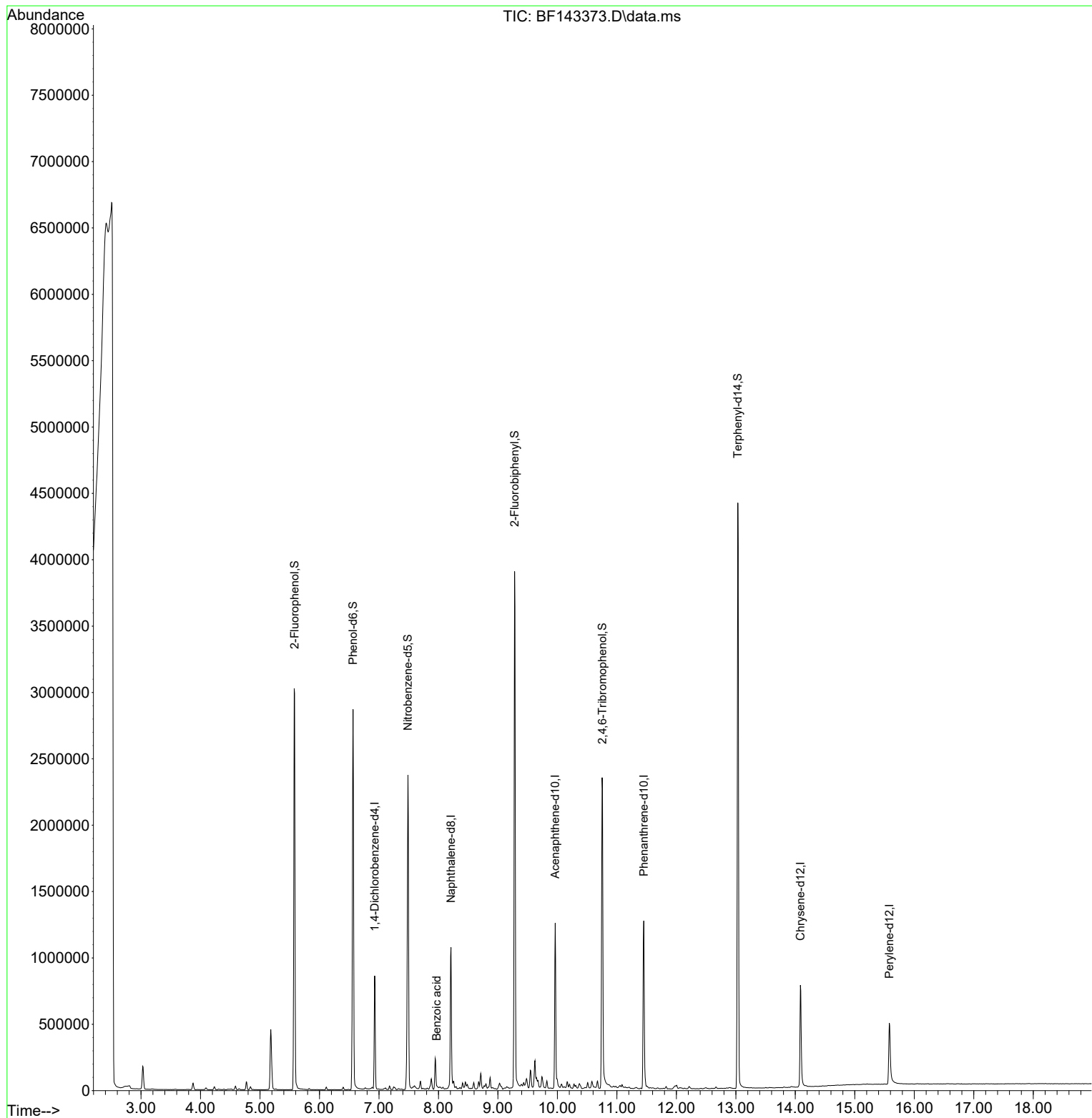
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143373.D
Acq On : 13 Aug 2025 14:11
Operator : RC/JU
Sample : Q2827-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

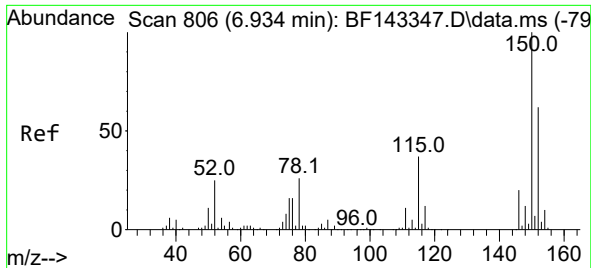
Instrument :
BNA_F
ClientSampleId :
TP-9

Quant Time: Aug 13 14:32:25 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

Manual Integrations
APPROVED

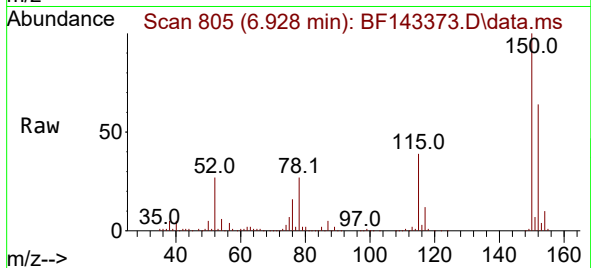
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143373.D
Acq: 13 Aug 2025 14:11

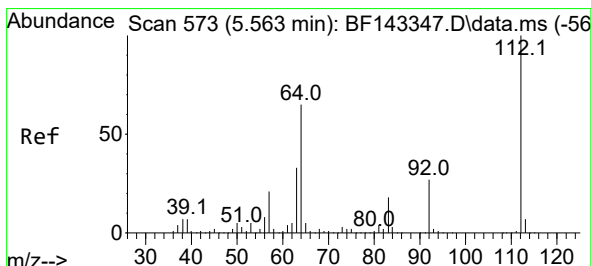
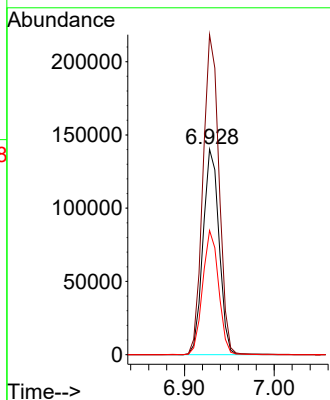
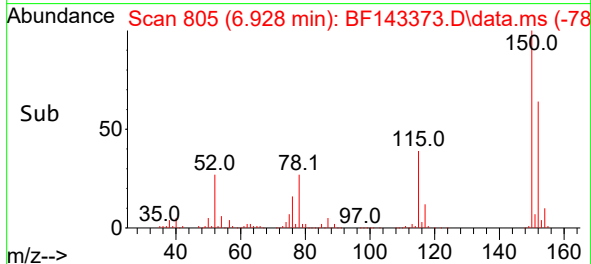
Instrument :
BNA_F
ClientSampleId :
TP-9



Tgt Ion:152 Resp: 174108
Ion Ratio Lower Upper
152 100
150 155.8 129.8 194.8
115 60.4 47.8 71.8

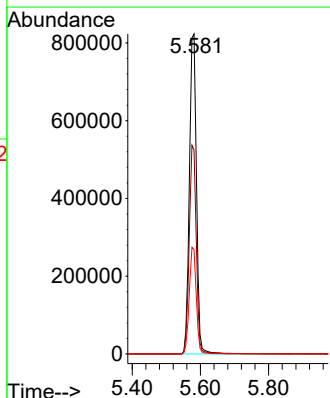
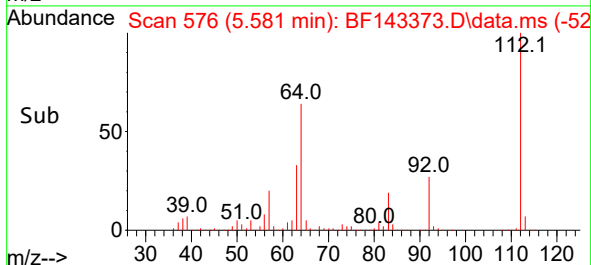
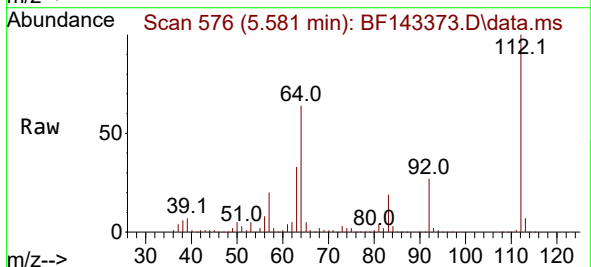
Manual Integrations
APPROVED

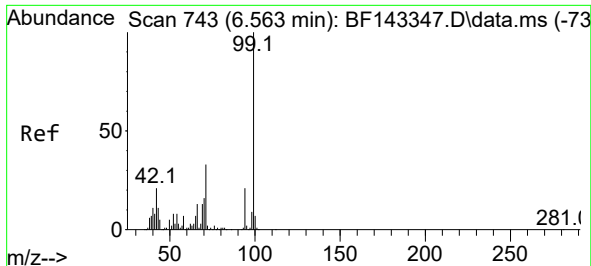
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#5
2-Fluorophenol
Concen: 117.341 ng
RT: 5.581 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF143373.D
Acq: 13 Aug 2025 14:11

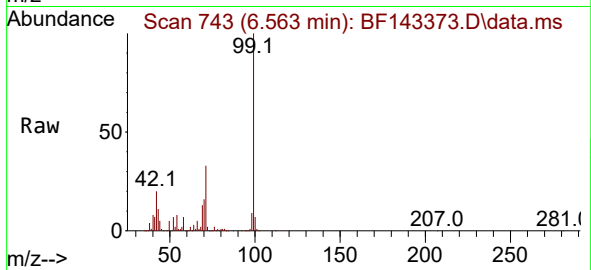
Tgt Ion:112 Resp: 1181434
Ion Ratio Lower Upper
112 100
64 63.7 52.1 78.1
63 32.6 26.6 39.8





#7
Phenol-d6
Concen: 106.940 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143373.D
Acq: 13 Aug 2025 14:11

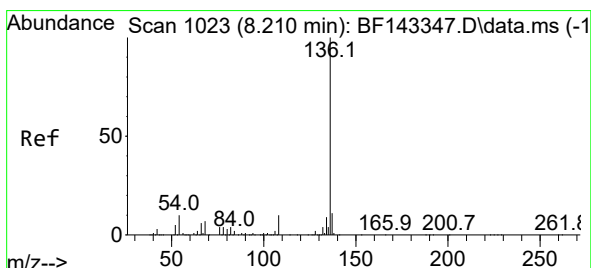
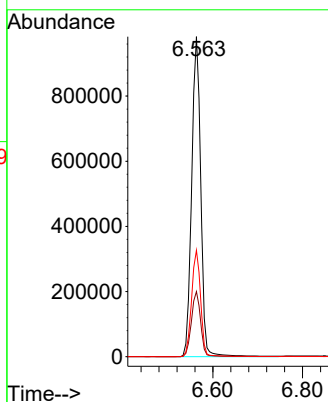
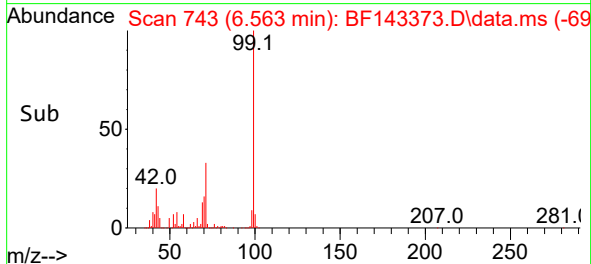
Instrument :
BNA_F
ClientSampleId :
TP-9



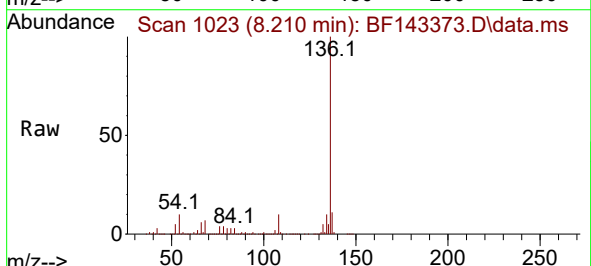
Tgt Ion: 99 Resp: 1380750
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 33.2 26.2 39.2

Manual Integrations
APPROVED

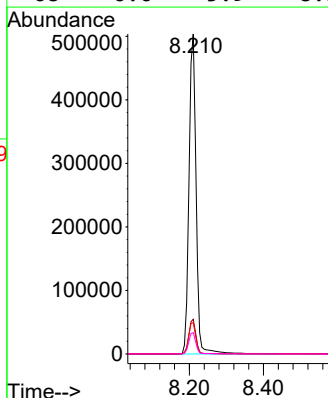
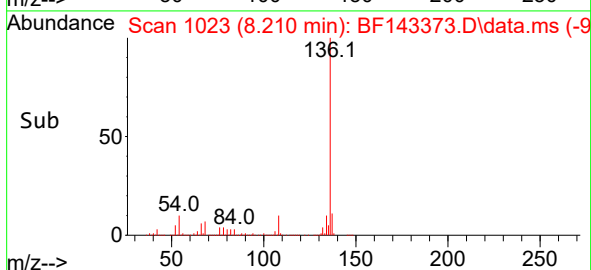
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

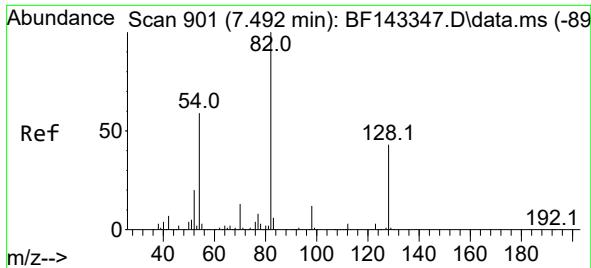


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143373.D
Acq: 13 Aug 2025 14:11



Tgt Ion:136 Resp: 670714
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.8 8.4 12.6
68 6.6 5.9 8.9





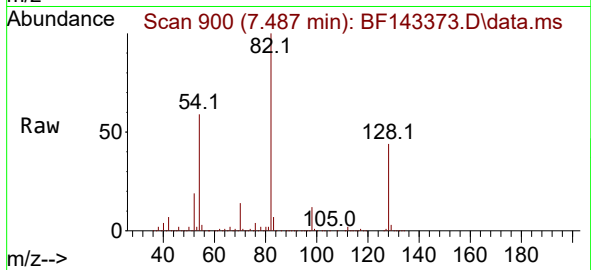
#23
Nitrobenzene-d5
Concen: 98.098 ng
RT: 7.487 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF143373.D
Acq: 13 Aug 2025 14:11

Instrument :

BNA_F

ClientSampleId :

TP-9

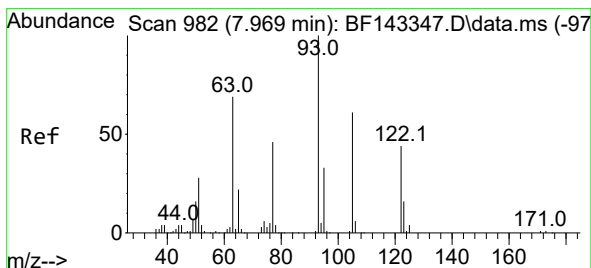
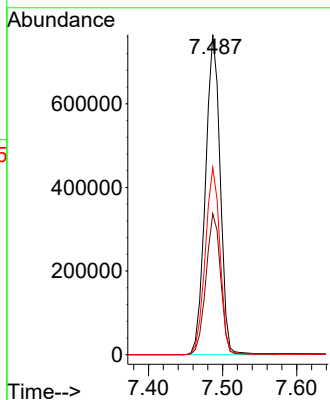
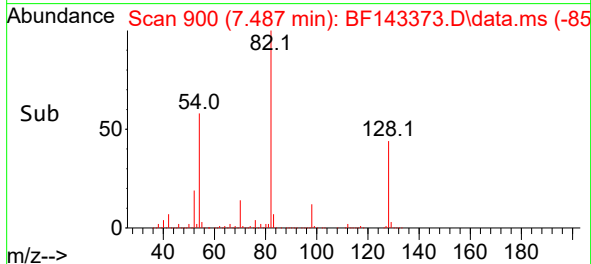


Tgt Ion: 82 Resp: 105656
Ion Ratio Lower Upper
82 100
128 44.0 33.5 50.3
54 58.5 46.7 70.1

Manual Integrations

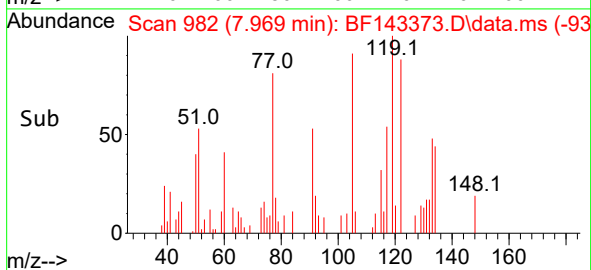
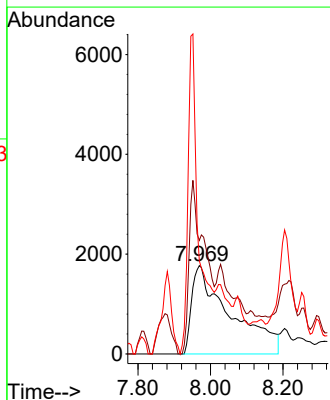
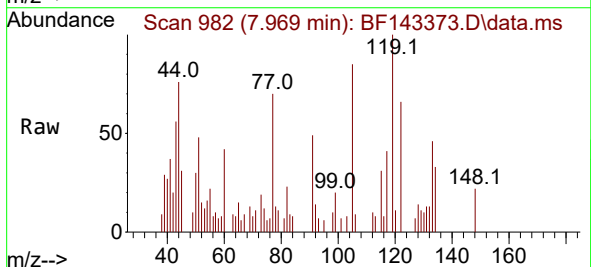
APPROVED

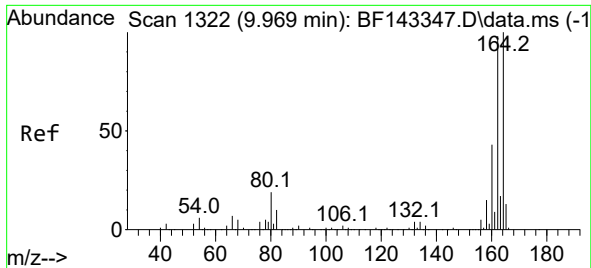
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 7.395 ng m
RT: 7.969 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF143373.D
Acq: 13 Aug 2025 14:11

Tgt Ion:122 Resp: 13038
Ion Ratio Lower Upper
122 100
105 128.6 106.4 146.4
77 105.7 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: BF143373.D

Acq: 13 Aug 2025 14:11

Instrument :

BNA_F

ClientSampleId :

TP-9

Tgt Ion:164 Resp: 379214

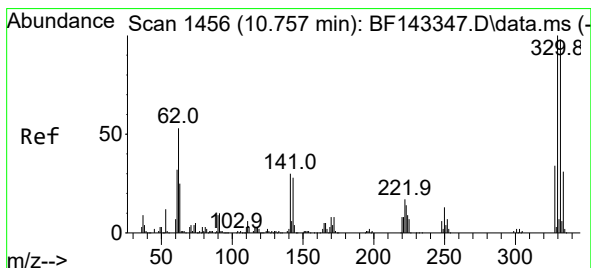
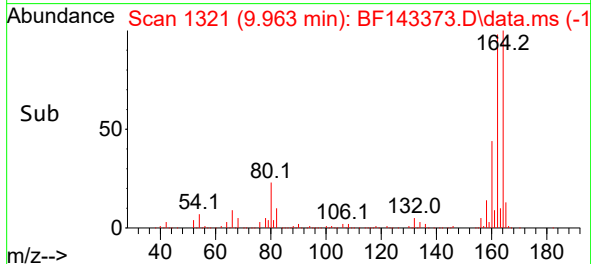
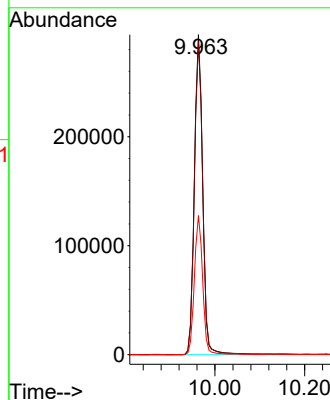
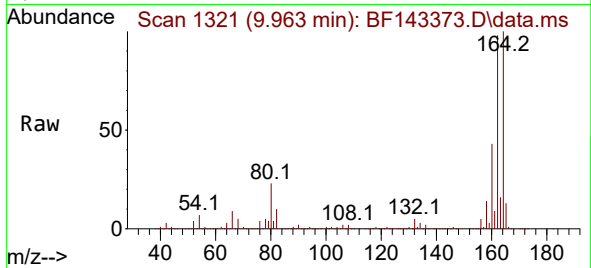
Ion	Ratio	Lower	Upper
164	100		
162	97.8	78.6	118.0
160	43.5	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#42

2,4,6-Tribromophenol

Concen: 176.092 ng

RT: 10.757 min Scan# 1456

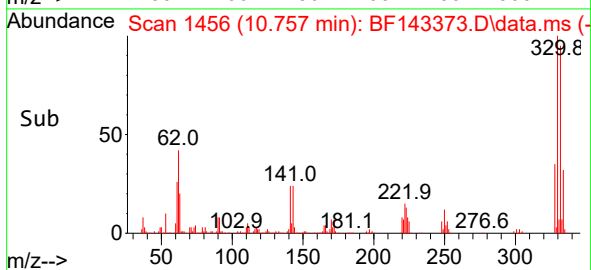
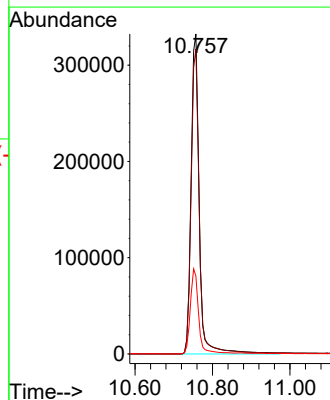
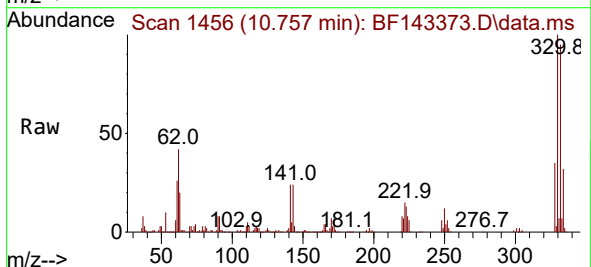
Delta R.T. 0.000 min

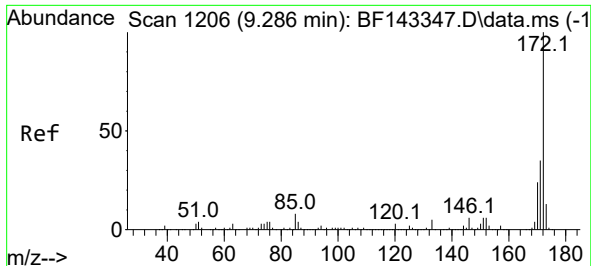
Lab File: BF143373.D

Acq: 13 Aug 2025 14:11

Tgt Ion:330 Resp: 488018

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.1	117.1
141	27.1	25.4	38.0





#45

2-Fluorobiphenyl

Concen: 83.740 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143373.D

Acq: 13 Aug 2025 14:11

Instrument :

BNA_F

ClientSampleId :

TP-9

Tgt Ion:172 Resp: 187264

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

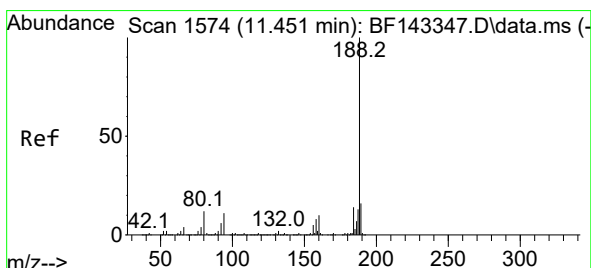
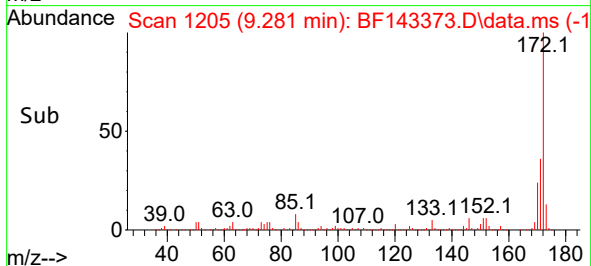
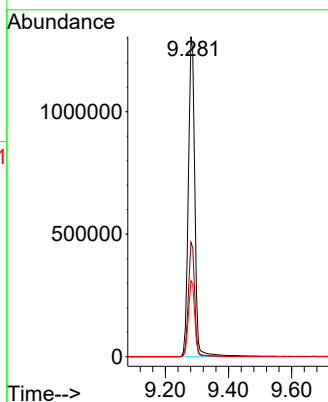
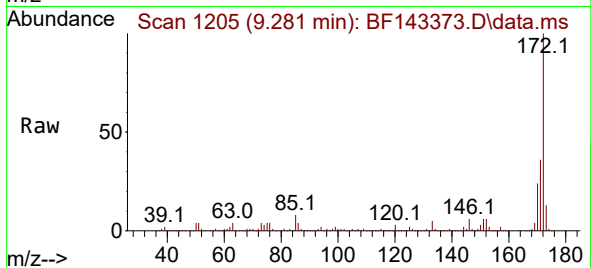
170 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF143373.D

Acq: 13 Aug 2025 14:11

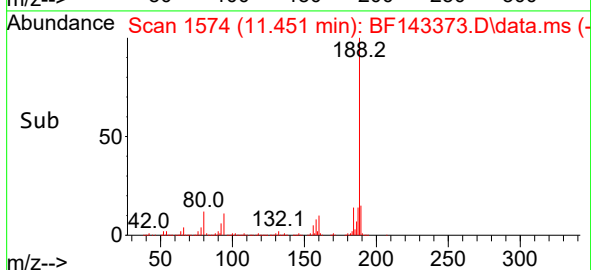
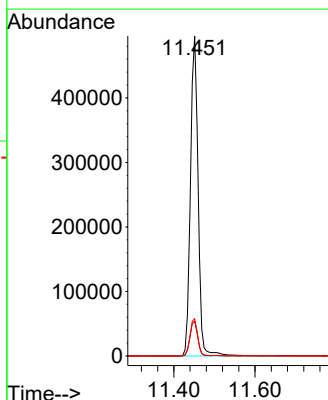
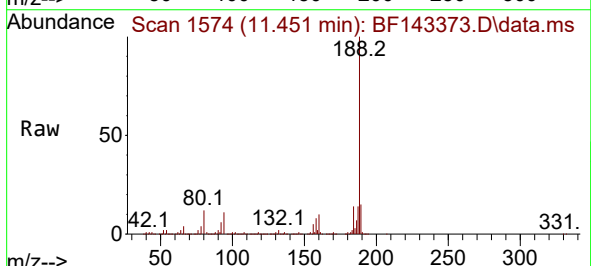
Tgt Ion:188 Resp: 649011

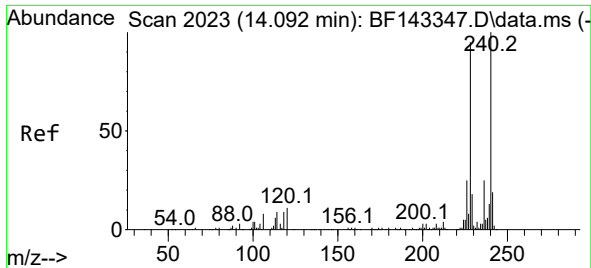
Ion Ratio Lower Upper

188 100

94 10.9 8.8 13.2

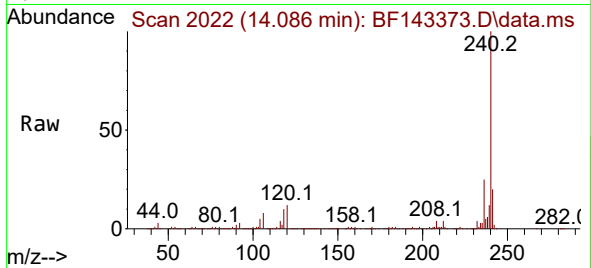
80 11.6 9.7 14.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF143373.D
Acq: 13 Aug 2025 14:11

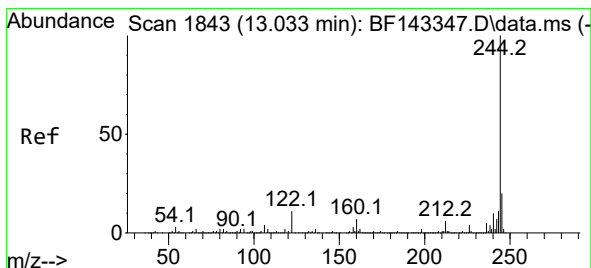
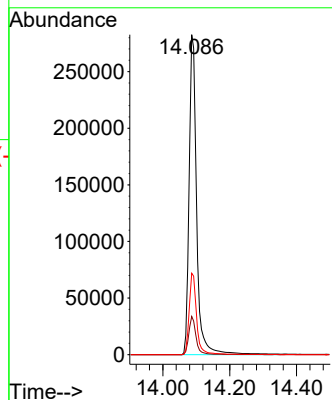
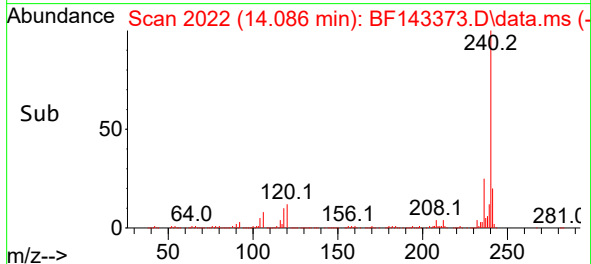
Instrument :
BNA_F
ClientSampleId :
TP-9



Tgt Ion:240 Resp: 44186
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.6
236 25.5 19.9 29.9

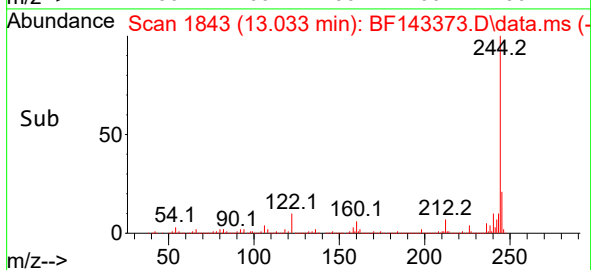
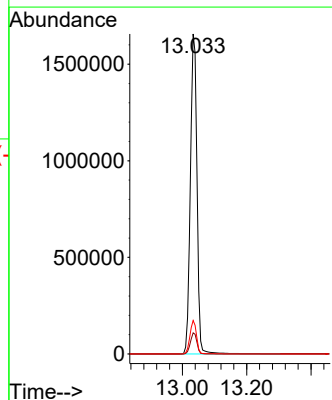
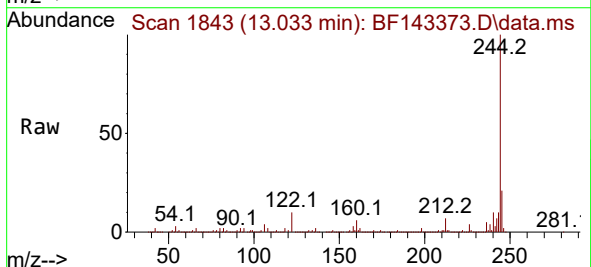
Manual Integrations
APPROVED

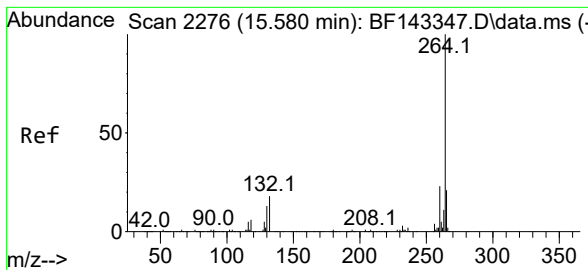
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#79
Terphenyl-d14
Concen: 95.298 ng
RT: 13.033 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF143373.D
Acq: 13 Aug 2025 14:11

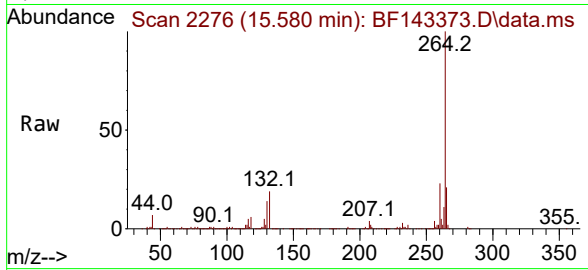
Tgt Ion:244 Resp: 2358587
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 10.5 8.9 13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143373.D
Acq: 13 Aug 2025 14:11

Instrument :
BNA_F
ClientSampleId :
TP-9



Tgt Ion:264 Resp: 377092
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.1 17.2 25.8

Manual Integrations
APPROVED

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

