

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143182.D
 Acq On : 22 Jul 2025 11:25
 Operator : RC/JU
 Sample : Q2638-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-31-071725

Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

Quant Time: Jul 22 12:07:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	124626	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	473426	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	235291	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	343188	20.000	ng	0.00
76) Chrysene-d12	14.121	240	286775	20.000	ng	0.00
86) Perylene-d12	15.627	264	200780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	608988	77.328	ng	0.00
7) Phenol-d6	6.581	99	786271	79.320	ng	0.00
23) Nitrobenzene-d5	7.516	82	521492	54.908	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	178384	73.388	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	886827	51.547	ng	0.00
79) Terphenyl-d14	13.068	244	642582	33.344	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	15.180	252	33768m	2.753	ng	Qvalue

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

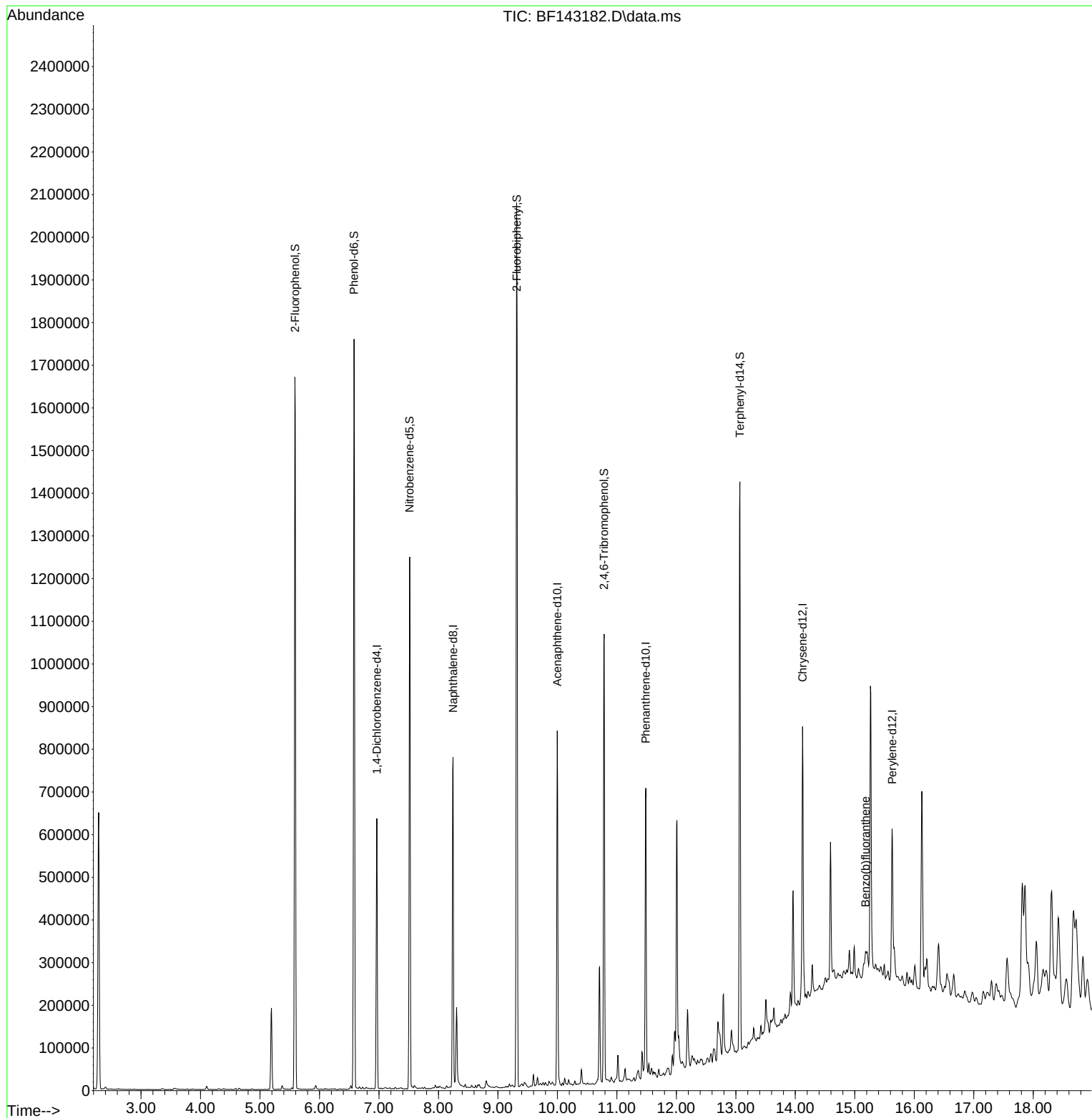
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143182.D
Acq On : 22 Jul 2025 11:25
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Sample : Q2638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

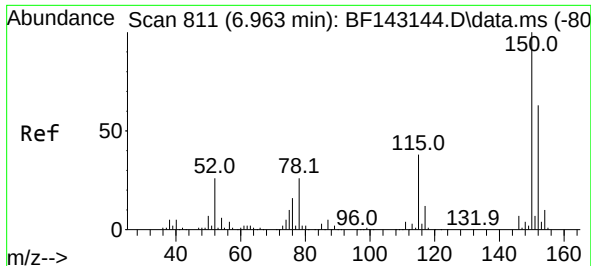
Instrument :
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ClientSampleId :
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Quant Time: Jul 22 12:07:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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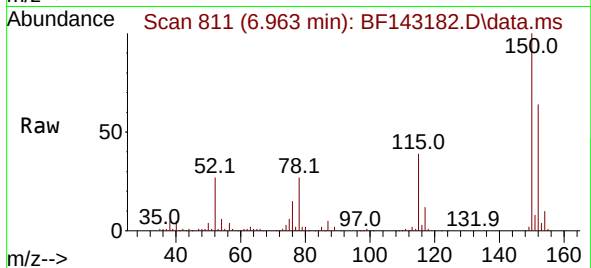
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143182.D
Acq: 22 Jul 2025 11:25

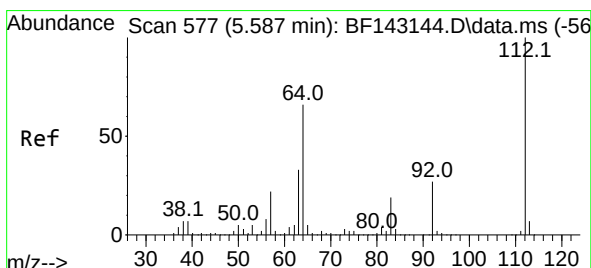
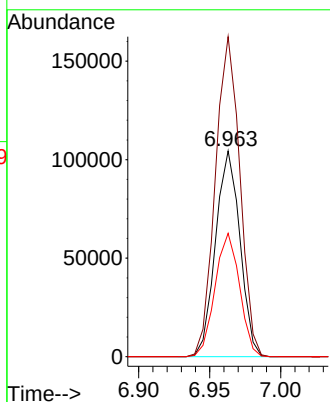
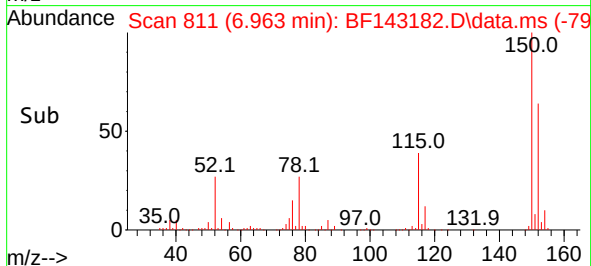
Instrument :
BNA_F
ClientSampleId :
OU4-TS-31-071725



Tgt Ion:152 Resp: 124620
Ion Ratio Lower Upper
152 100
150 155.5 128.2 192.4
115 60.0 47.9 71.9

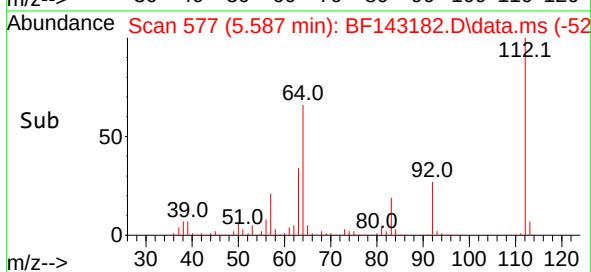
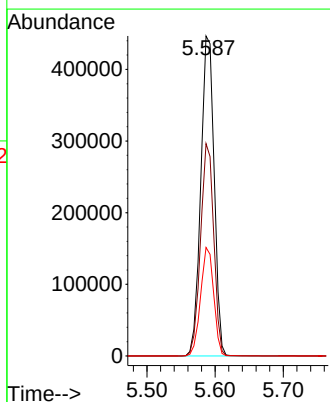
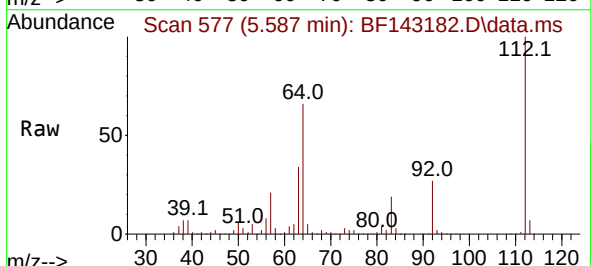
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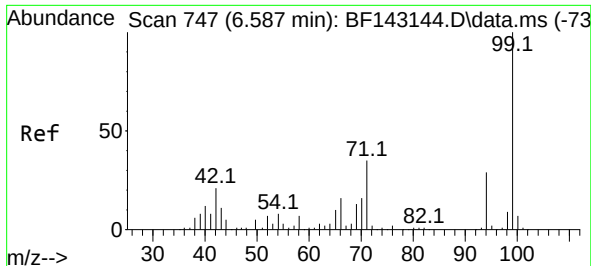
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Supervised By :Jagrut Upadhyay 07/23/2025



#5
2-Fluorophenol
Concen: 77.328 ng
RT: 5.587 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF143182.D
Acq: 22 Jul 2025 11:25

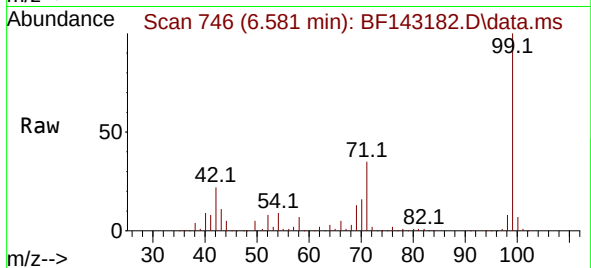
Tgt Ion:112 Resp: 608988
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 33.9 26.6 40.0





#7
Phenol-d6
Concen: 79.320 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143182.D
Acq: 22 Jul 2025 11:25

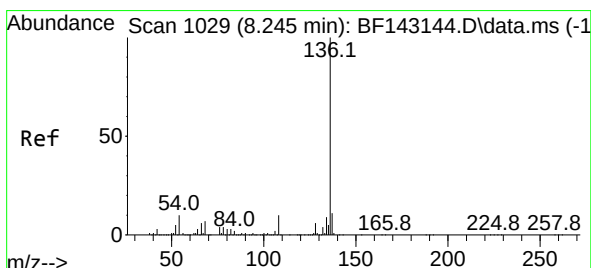
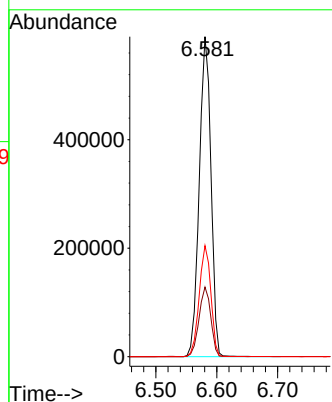
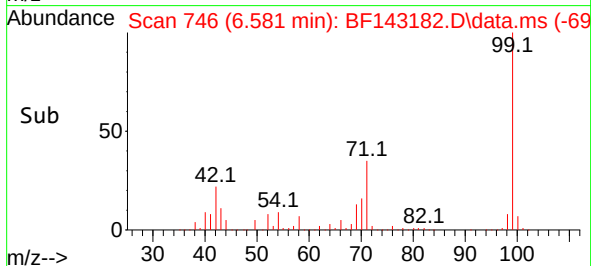
Instrument :
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ClientSampleId :
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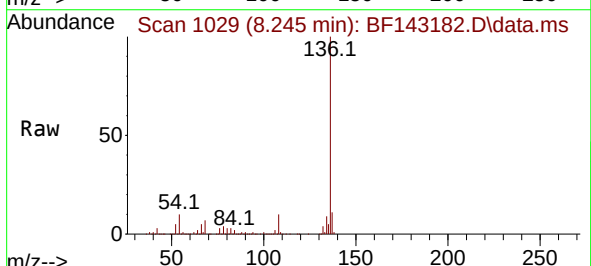
Tgt Ion: 99 Resp: 78627
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 34.7 27.7 41.5

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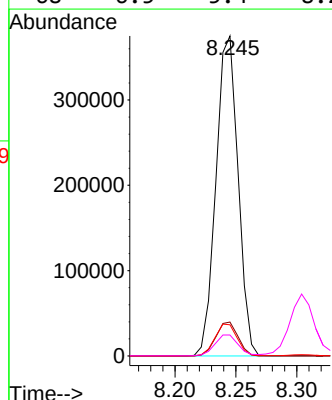
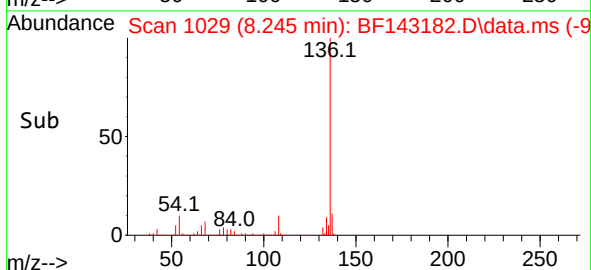
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Supervised By :Jagrut Upadhyay 07/23/2025

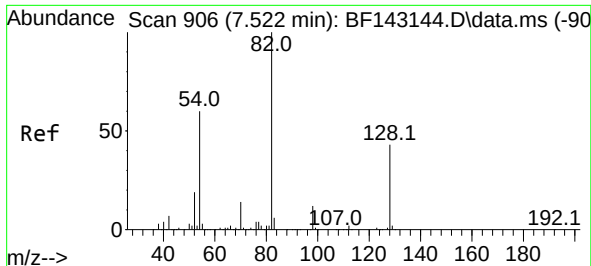


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143182.D
Acq: 22 Jul 2025 11:25



Tgt Ion:136 Resp: 473426
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.8 8.2 12.2
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 54.908 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143182.D

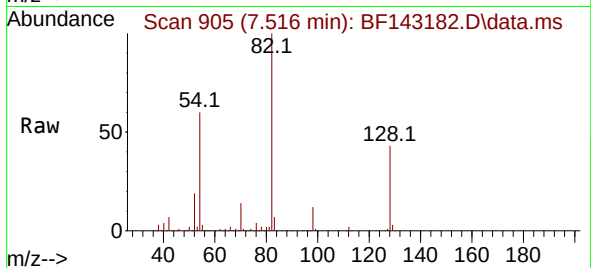
Acq: 22 Jul 2025 11:25

Instrument :

BNA_F

ClientSampleId :

OU4-TS-31-071725



Tgt Ion: 82 Resp: 521492

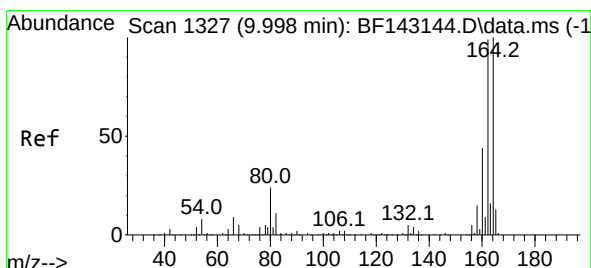
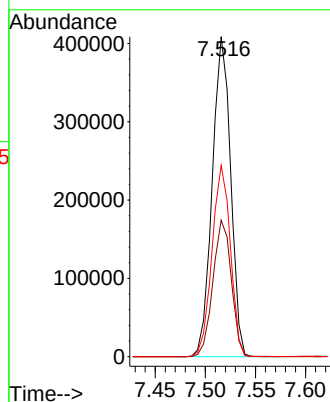
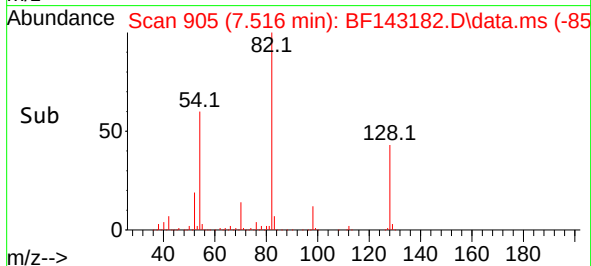
Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.6	50.4
54	59.8	47.1	70.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

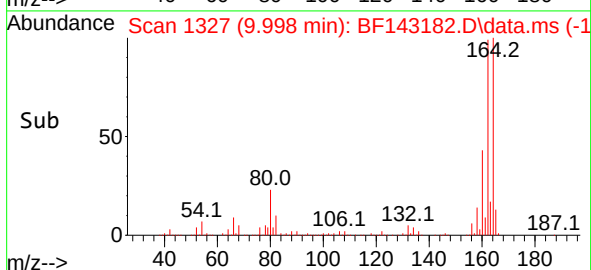
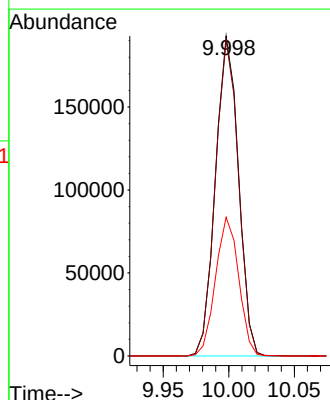
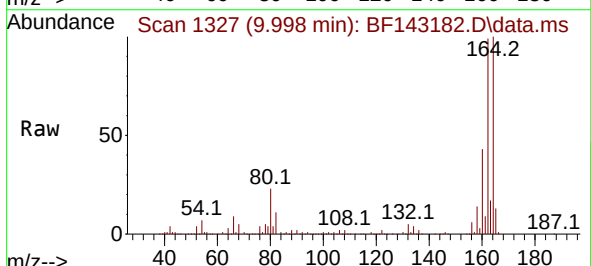
Delta R.T. 0.000 min

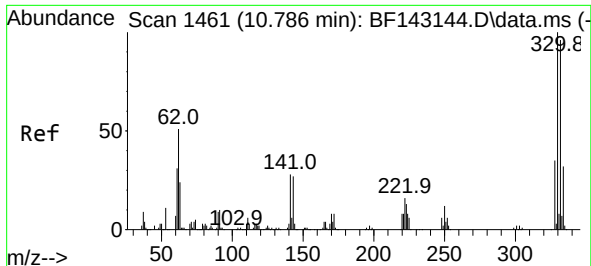
Lab File: BF143182.D

Acq: 22 Jul 2025 11:25

Tgt Ion:164 Resp: 235291

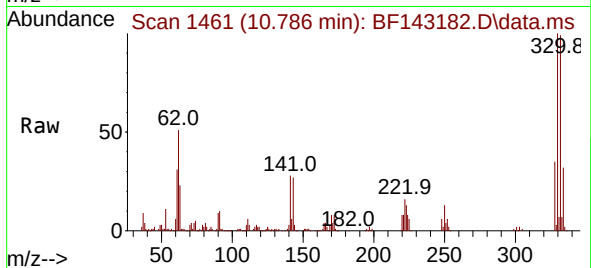
Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.0	118.6
160	43.4	35.1	52.7





#42
2,4,6-Tribromophenol
Concen: 73.388 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143182.D
Acq: 22 Jul 2025 11:25

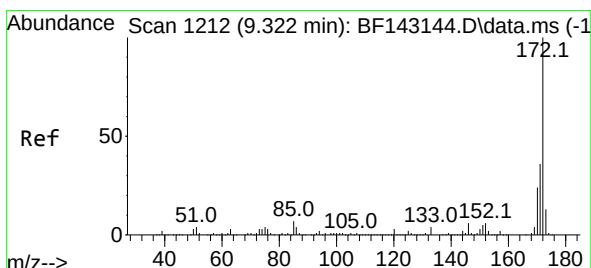
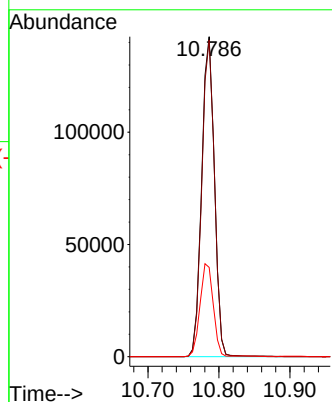
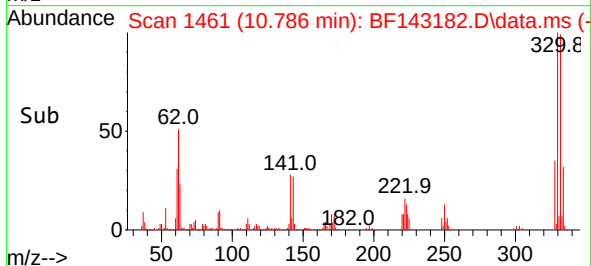
Instrument :
BNA_F
ClientSampleId :
OU4-TS-31-071725



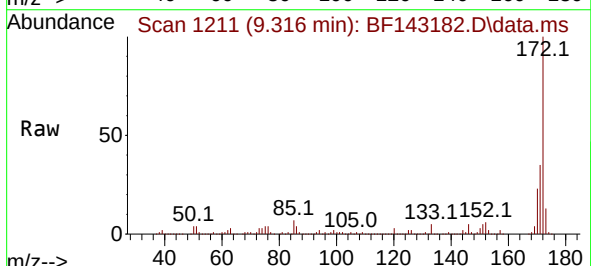
Tgt Ion:330 Resp: 178384
Ion Ratio Lower Upper
330 100
332 98.6 76.7 115.1
141 30.2 23.3 34.9

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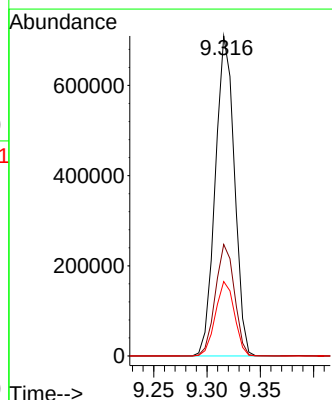
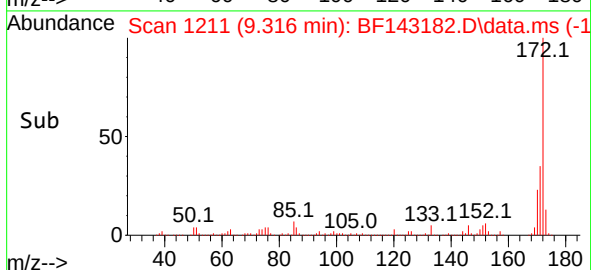
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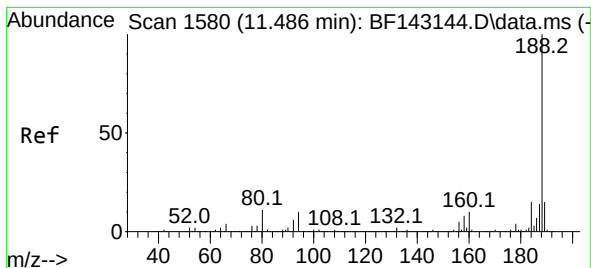


#45
2-Fluorobiphenyl
Concen: 51.547 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143182.D
Acq: 22 Jul 2025 11:25



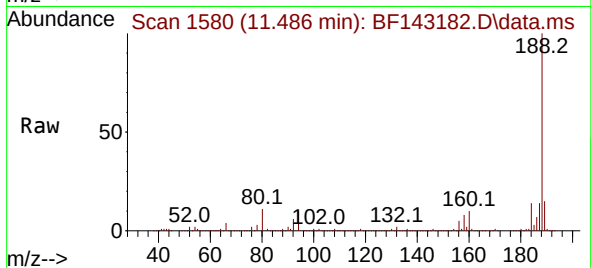
Tgt Ion:172 Resp: 886827
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.2 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF143182.D
Acq: 22 Jul 2025 11:25

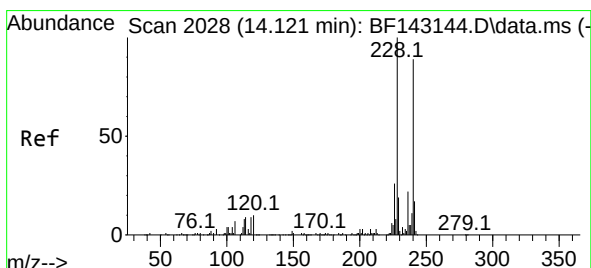
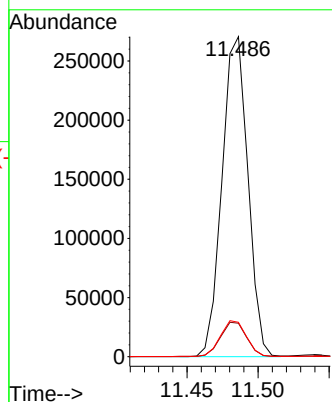
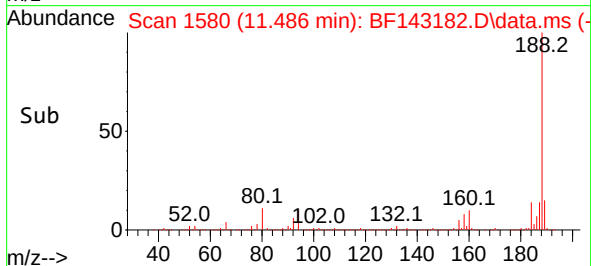
Instrument :
BNA_F
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OU4-TS-31-071725



Tgt Ion:188 Resp: 343188
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.7 9.0 13.6

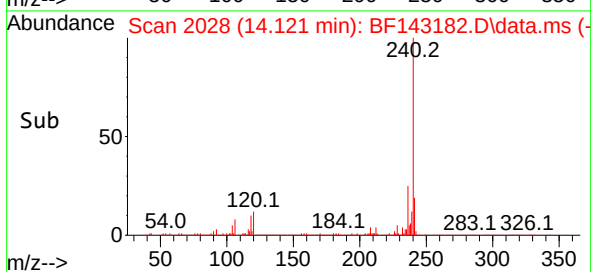
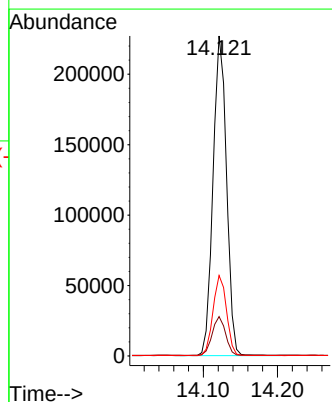
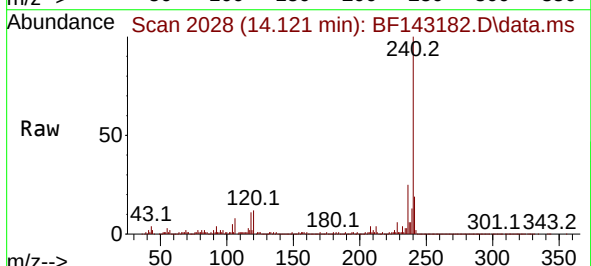
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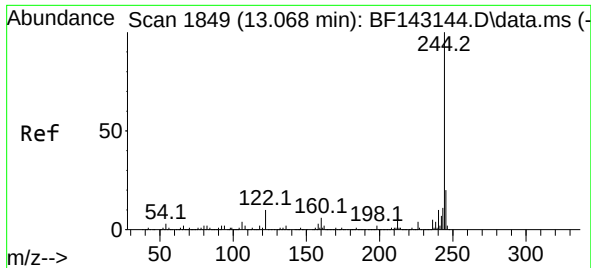
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143182.D
Acq: 22 Jul 2025 11:25

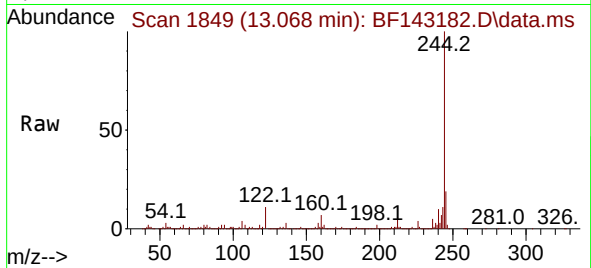
Tgt Ion:240 Resp: 286775
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 25.2 20.2 30.4





#79
 Terphenyl-d14
 Concen: 33.344 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143182.D
 Acq: 22 Jul 2025 11:25

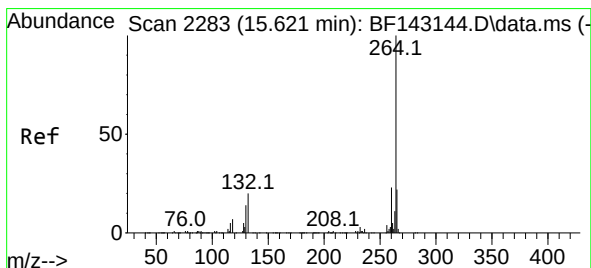
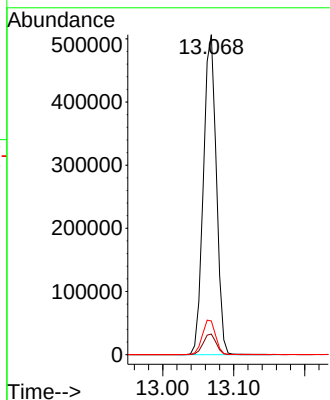
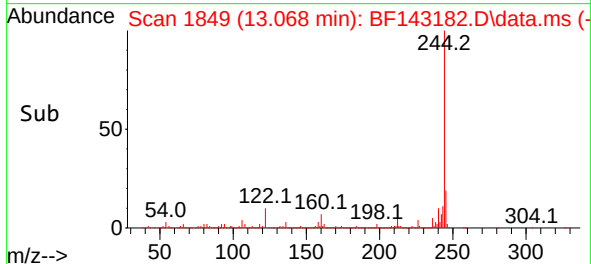
Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-31-071725



Tgt Ion:244 Resp: 642582
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.5 8.2 12.2

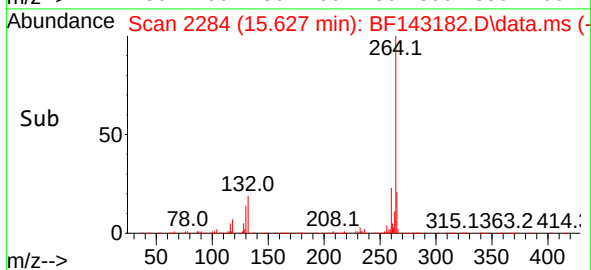
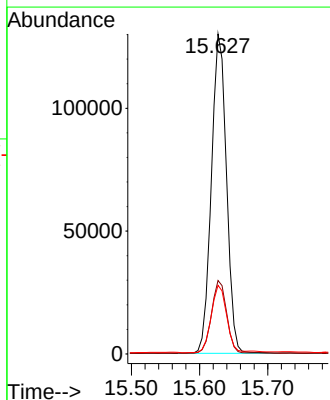
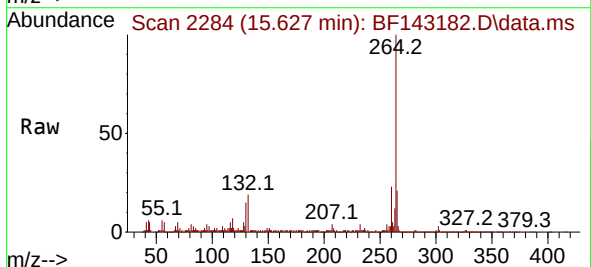
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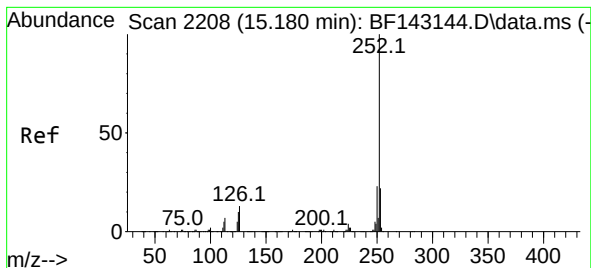
Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: BF143182.D
 Acq: 22 Jul 2025 11:25

Tgt Ion:264 Resp: 200780
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 21.4 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.753 ng m

RT: 15.180 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143182.D

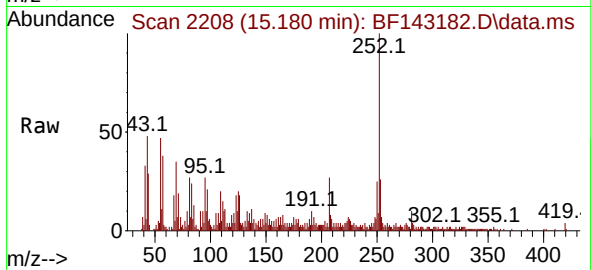
Acq: 22 Jul 2025 11:25

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BNA_F

ClientSampleId :

OU4-TS-31-071725



Tgt Ion:252 Resp: 3376

Ion Ratio Lower Upper

252 100

253 26.3 17.5 26.3

125 20.2 8.0 12.0

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