

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143184.D
 Acq On : 22 Jul 2025 12:23
 Operator : RC/JU
 Sample : Q2638-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-33-071725

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 13:07:10 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	129721	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	491838	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	249711	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	370503	20.000	ng	0.00
76) Chrysene-d12	14.121	240	282018	20.000	ng	0.00
86) Perylene-d12	15.633	264	184757	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	617713	75.355	ng	0.00
7) Phenol-d6	6.581	99	796922	77.236	ng	0.00
23) Nitrobenzene-d5	7.516	82	525370	53.245	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	190091	73.689	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	887573	48.611	ng	0.00
79) Terphenyl-d14	13.068	244	663272	34.998	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	15.186	252	28149m	2.494	ng	Qvalue

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

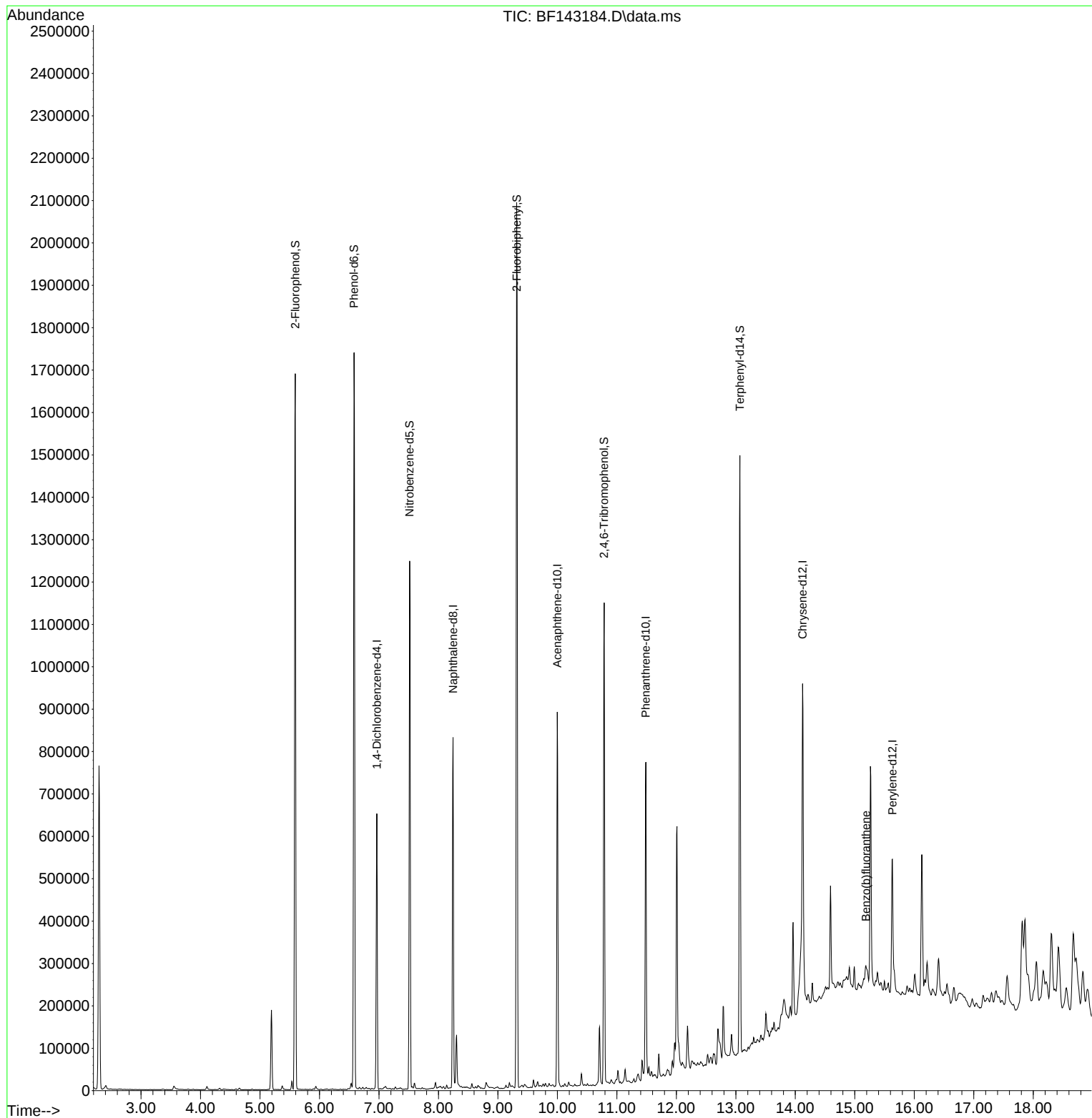
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143184.D
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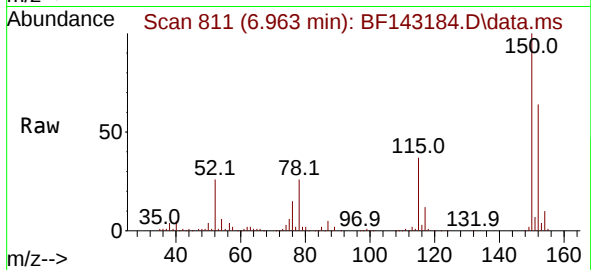
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143184.D
Acq: 22 Jul 2025 12:23

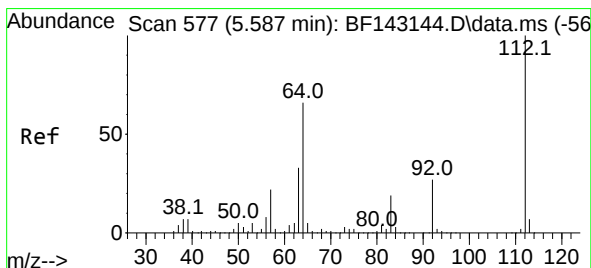
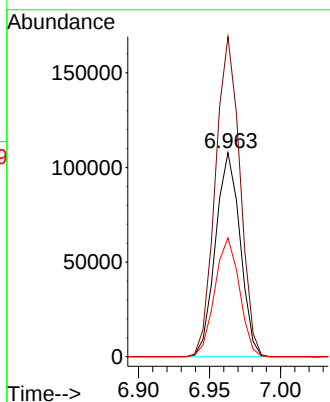
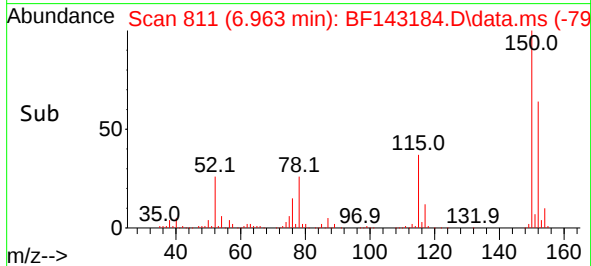
Instrument :
BNA_F
ClientSampleId :
OU4-TS-33-071725



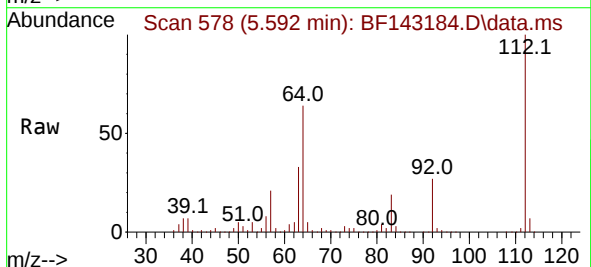
Tgt Ion:152 Resp: 12972
Ion Ratio Lower Upper
152 100
150 156.9 128.2 192.4
115 58.3 47.9 71.9

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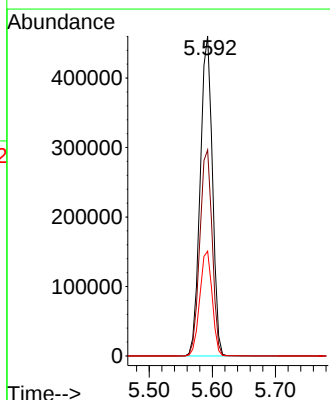
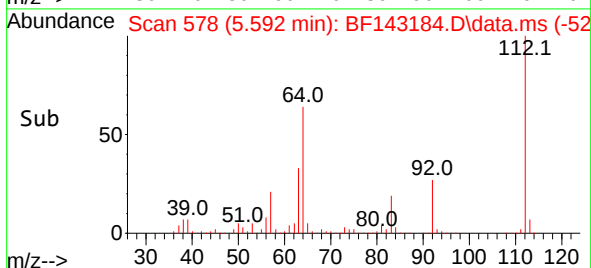
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#5
2-Fluorophenol
Concen: 75.355 ng
RT: 5.592 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143184.D
Acq: 22 Jul 2025 12:23



Tgt Ion:112 Resp: 617713
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 32.7 26.6 40.0





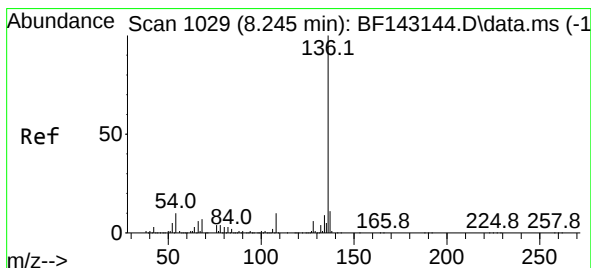
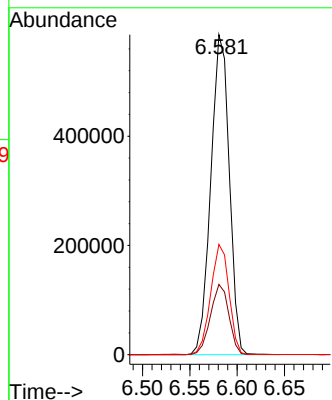
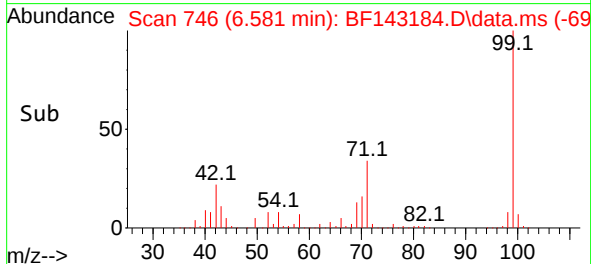
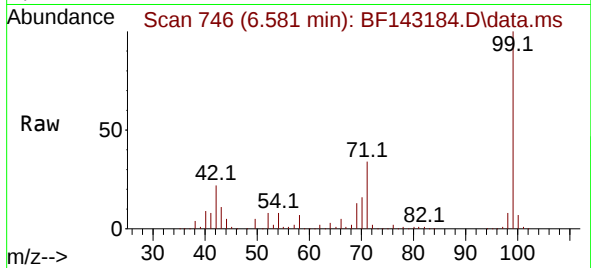
#7
Phenol-d6
Concen: 77.236 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143184.D
Acq: 22 Jul 2025 12:23

Instrument :
BNA_F
ClientSampleId :
OU4-TS-33-071725

Tgt Ion: 99 Resp: 79692
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 34.5 27.7 41.5

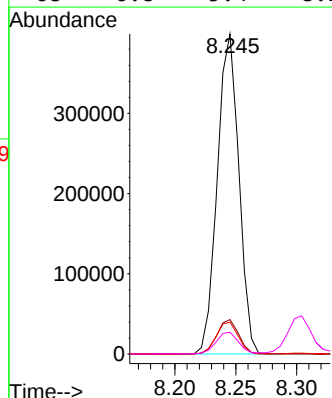
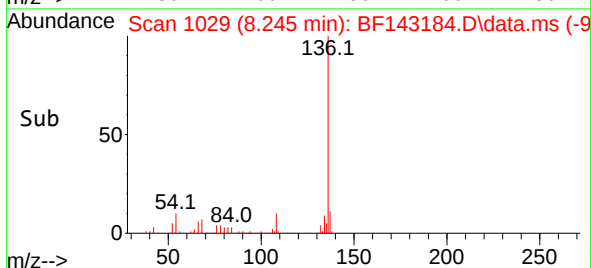
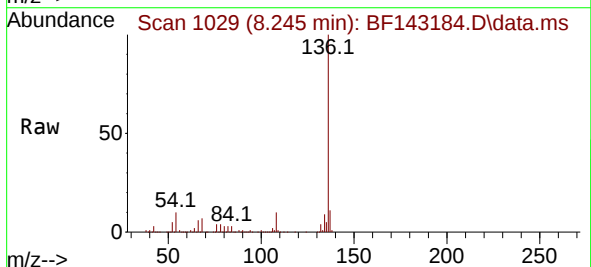
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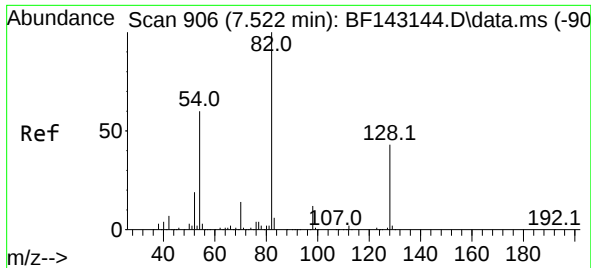
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143184.D
Acq: 22 Jul 2025 12:23

Tgt Ion:136 Resp: 491838
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.9 8.2 12.2
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 53.245 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143184.D

Acq: 22 Jul 2025 12:23

Instrument :

BNA_F

ClientSampleId :

OU4-TS-33-071725

Tgt Ion: 82 Resp: 525370

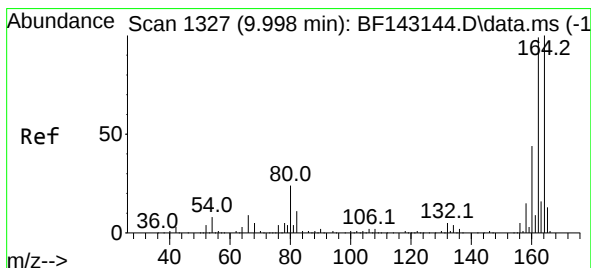
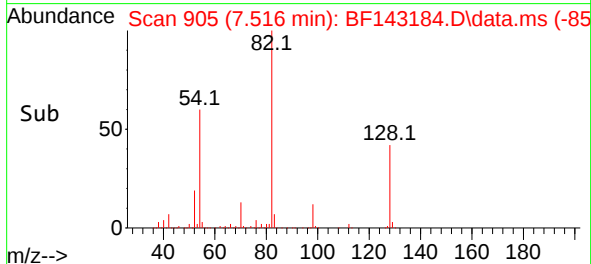
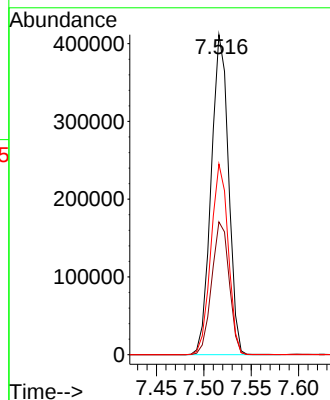
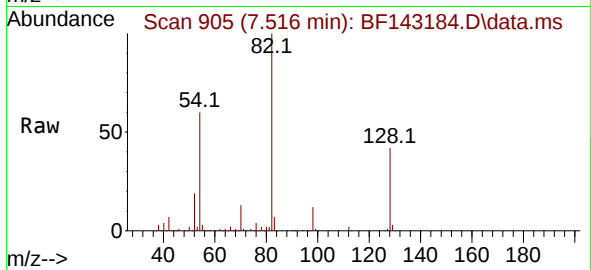
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.6	50.4
54	59.6	47.1	70.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

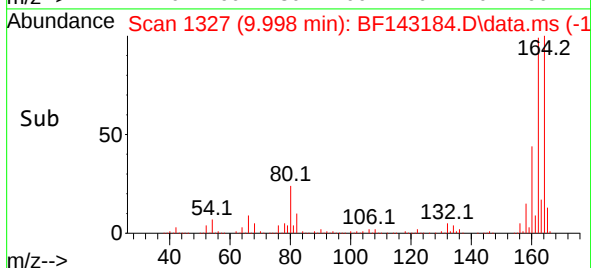
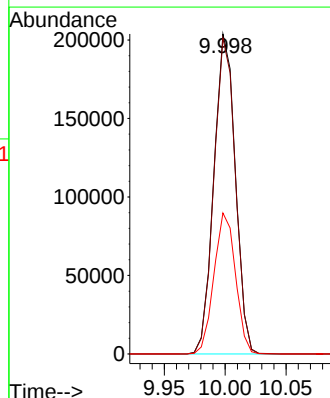
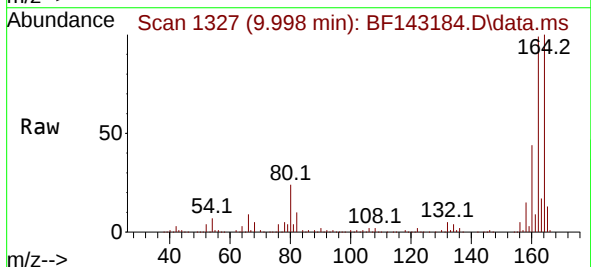
Delta R.T. 0.000 min

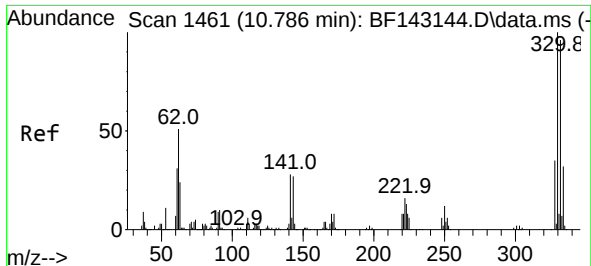
Lab File: BF143184.D

Acq: 22 Jul 2025 12:23

Tgt Ion:164 Resp: 249711

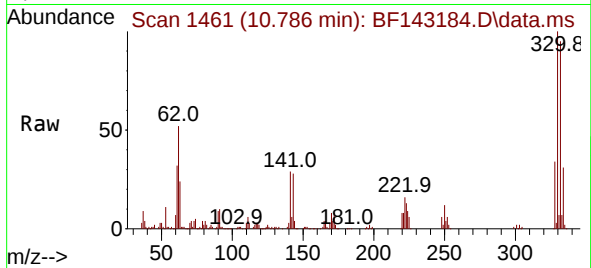
Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.0	118.6
160	44.1	35.1	52.7





#42
2,4,6-Tribromophenol
Concen: 73.689 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143184.D
Acq: 22 Jul 2025 12:23

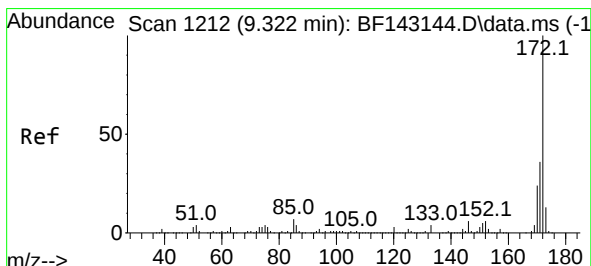
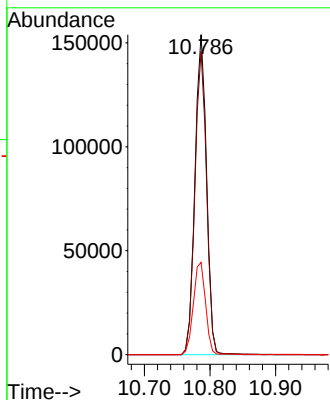
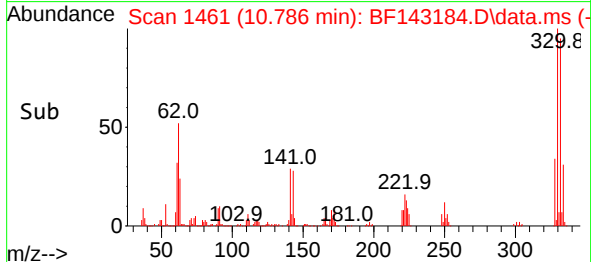
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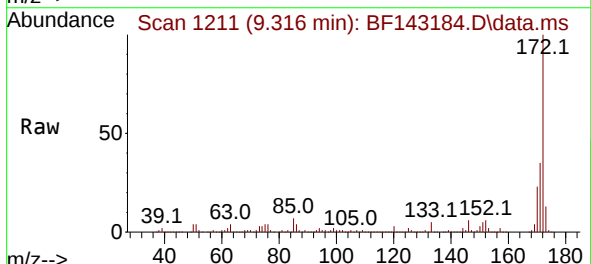
Tgt Ion: 330 Resp: 19009
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 30.2 23.3 34.9

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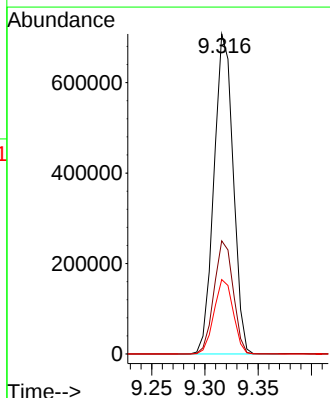
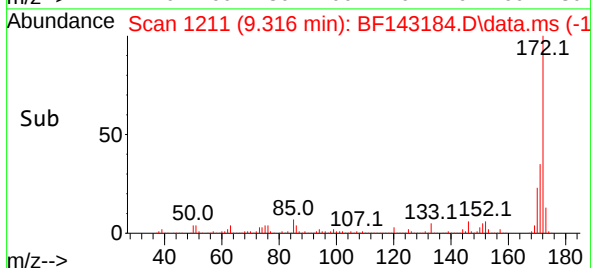
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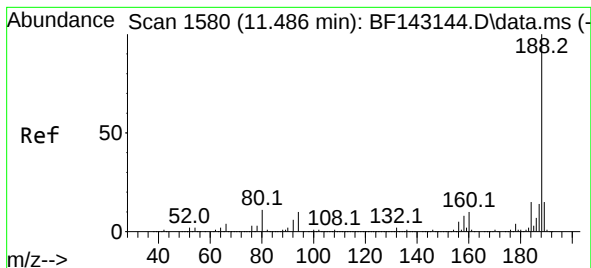


#45
2-Fluorobiphenyl
Concen: 48.611 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143184.D
Acq: 22 Jul 2025 12:23



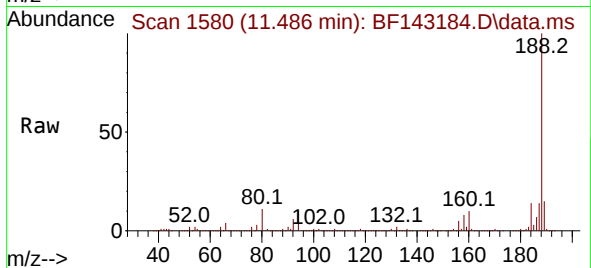
Tgt Ion: 172 Resp: 887573
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143184.D
Acq: 22 Jul 2025 12:23

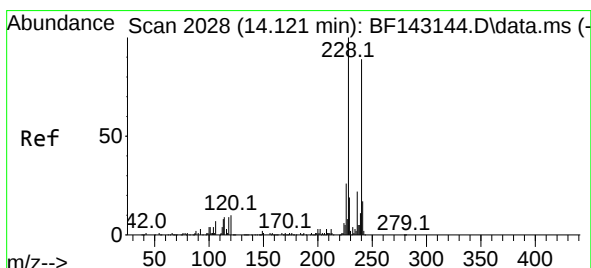
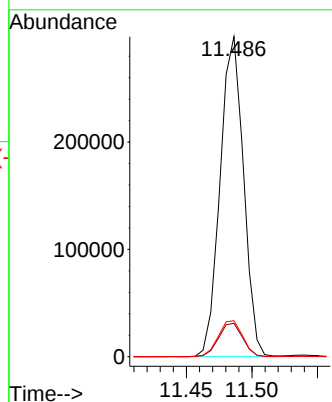
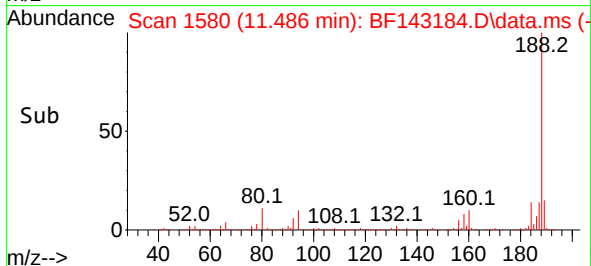
Instrument :
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OU4-TS-33-071725



Tgt Ion:188 Resp: 37050
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.3 9.0 13.6

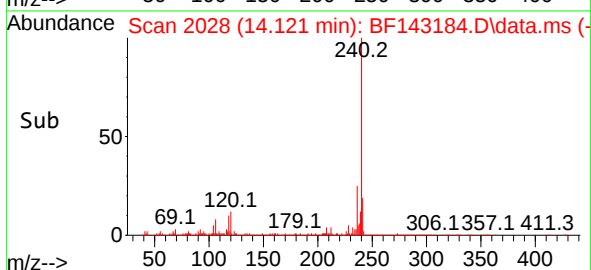
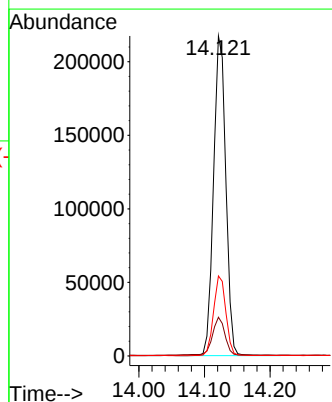
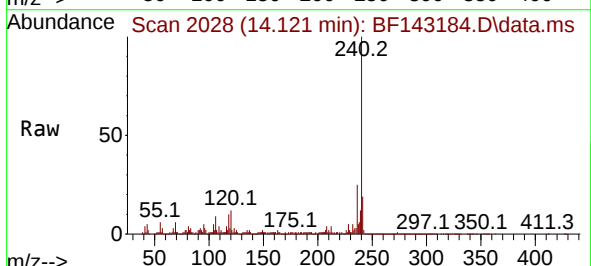
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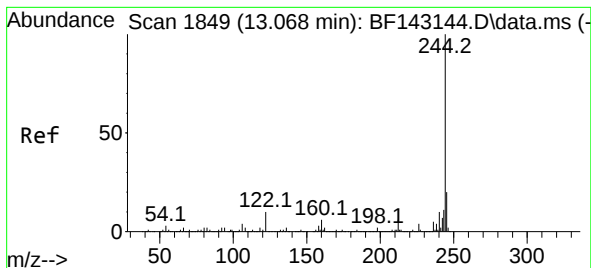
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Supervised By :Jagrut Upadhyay 07/23/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143184.D
Acq: 22 Jul 2025 12:23

Tgt Ion:240 Resp: 282018
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 25.0 20.2 30.4





#79

Terphenyl-d14

Concen: 34.998 ng

RT: 13.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143184.D

Acq: 22 Jul 2025 12:23

Instrument :

BNA_F

ClientSampleId :

OU4-TS-33-071725

Tgt Ion:244 Resp: 663272

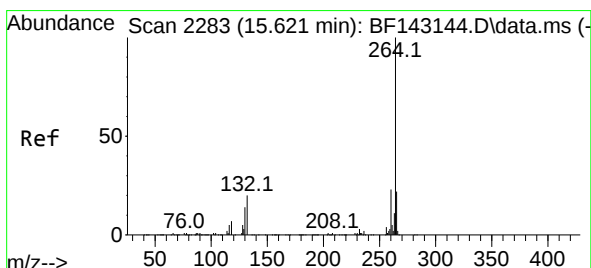
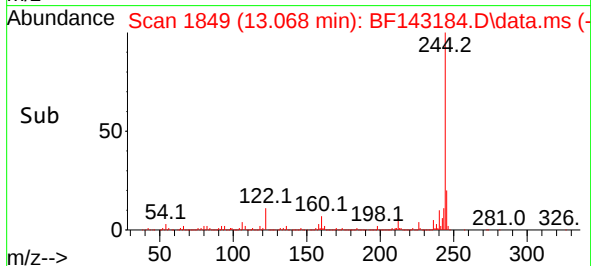
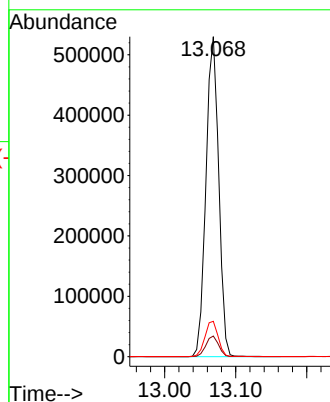
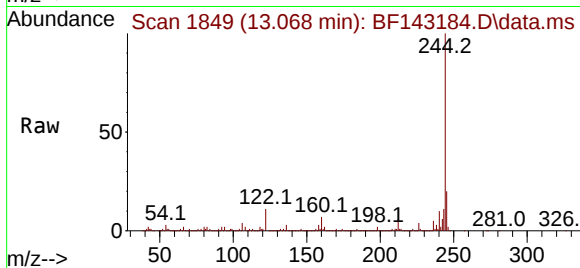
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	11.1	8.2	12.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/23/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2285

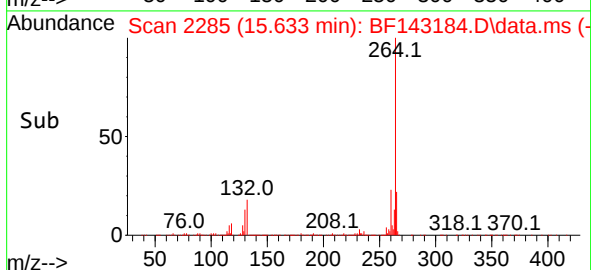
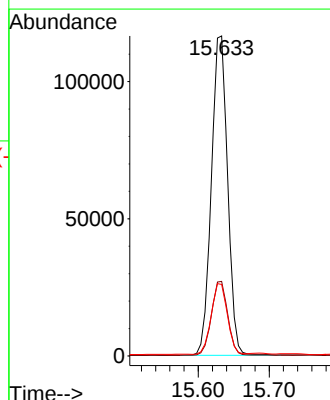
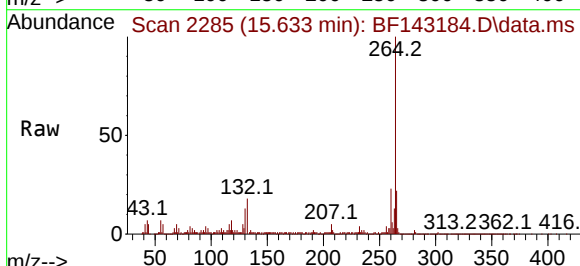
Delta R.T. 0.012 min

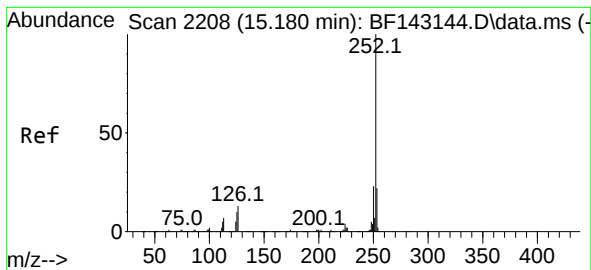
Lab File: BF143184.D

Acq: 22 Jul 2025 12:23

Tgt Ion:264 Resp: 184757

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.4	17.4	26.2





#88

Benzo(b)fluoranthene

Concen: 2.494 ng m

RT: 15.186 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143184.D

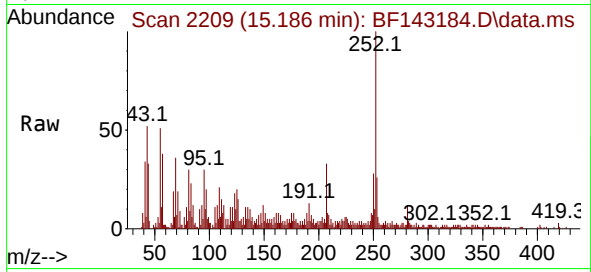
Acq: 22 Jul 2025 12:23

Instrument :

BNA_F

ClientSampleId :

OU4-TS-33-071725



Tgt Ion:252 Resp: 28149

Ion Ratio Lower Upper

252 100

253 25.7 17.5 26.3

125 20.4 8.0 12.0

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