

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143135.D
 Acq On : 17 Jul 2025 04:31
 Operator : RC/JU
 Sample : Q2555-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-30-070925

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025

Quant Time: Jul 17 04:46:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	144850	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	503587	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	212132	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	313345	20.000	ng	0.00
76) Chrysene-d12	14.127	240	292725	20.000	ng	0.00
86) Perylene-d12	15.633	264	230038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	617315	67.333	ng	0.00
7) Phenol-d6	6.581	99	799294	69.357	ng	0.00
23) Nitrobenzene-d5	7.522	82	490298	54.618	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	127302	67.303	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	824001	51.634	ng	0.00
79) Terphenyl-d14	13.068	244	683589	34.137	ng	0.00
Target Compounds						
32) Benzoic acid	7.922	122	9781	8.627	ng	90
75) Fluoranthene	12.698	202	44404	2.888	ng	98
84) Bis(2-ethylhexyl)phtha...	14.110	149	12473	4.819	ng	95
88) Benzo(b)fluoranthene	15.186	252	33424m	2.519	ng	

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

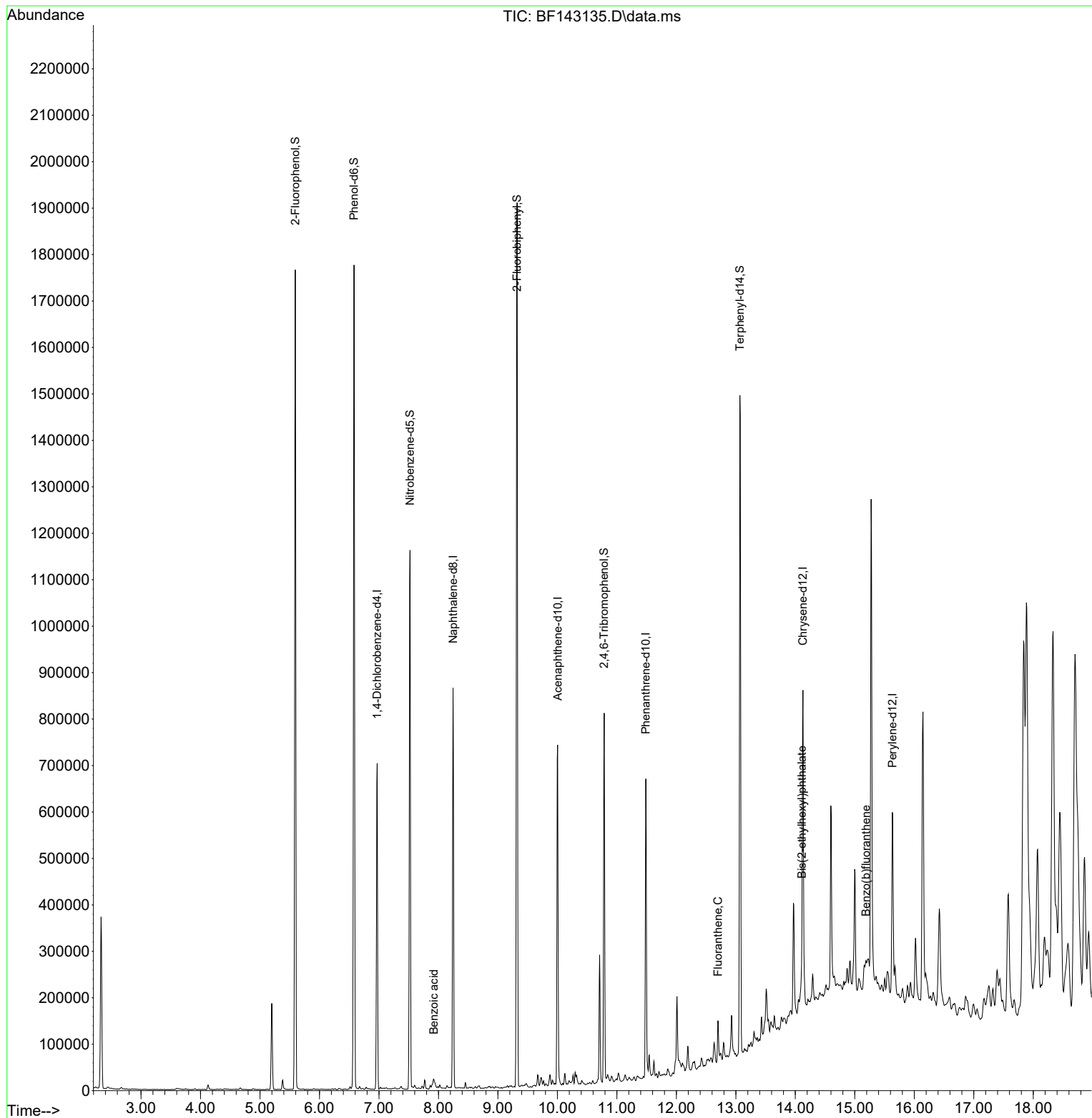
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143135.D
Acq On : 17 Jul 2025 04:31
Operator : RC/JU
Sample : Q2555-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

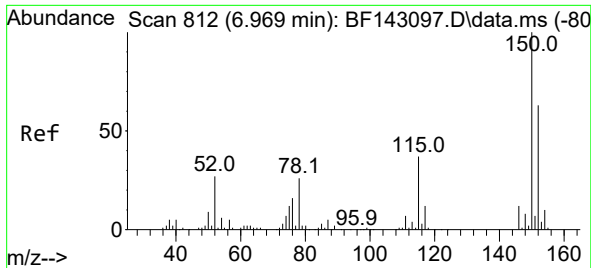
Instrument :
BNA_F
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OU4-TS-30-070925

Quant Time: Jul 17 04:46:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
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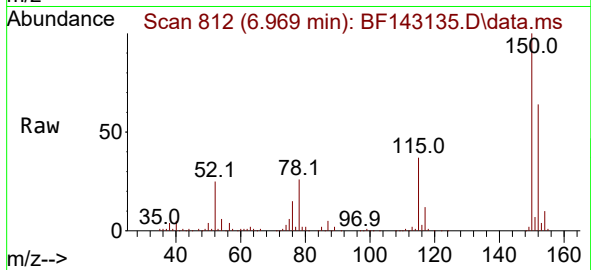
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

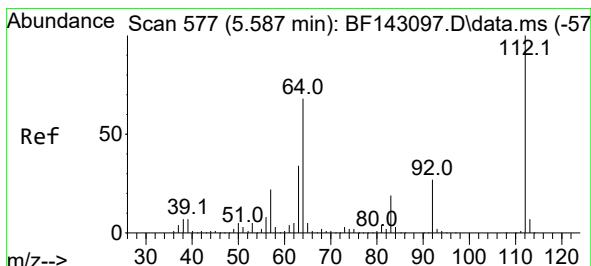
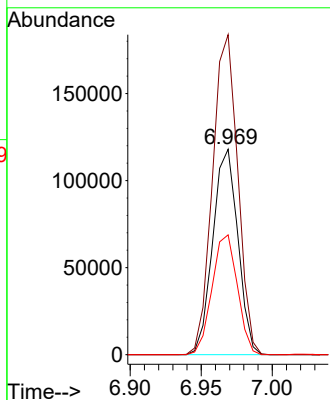
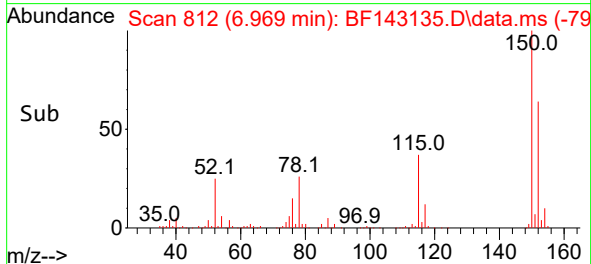
Instrument :
BNA_F
ClientSampleId :
OU4-TS-30-070925



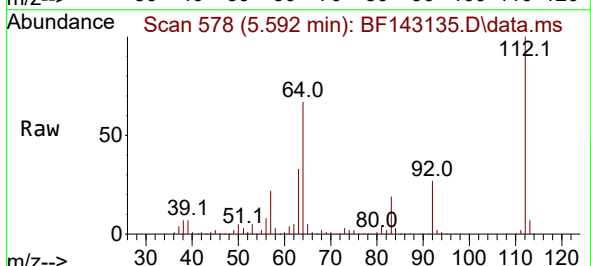
Tgt Ion:152 Resp: 144850
Ion Ratio Lower Upper
152 100
150 155.8 126.5 189.7
115 58.4 47.0 70.6

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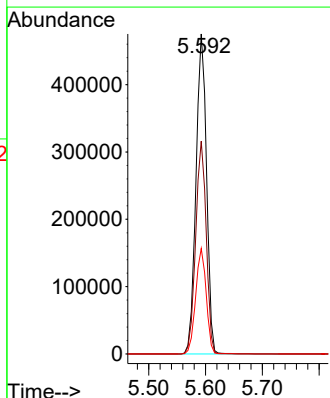
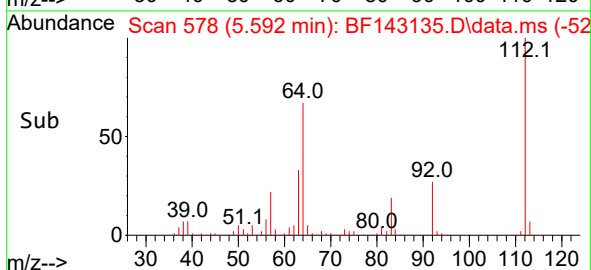
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

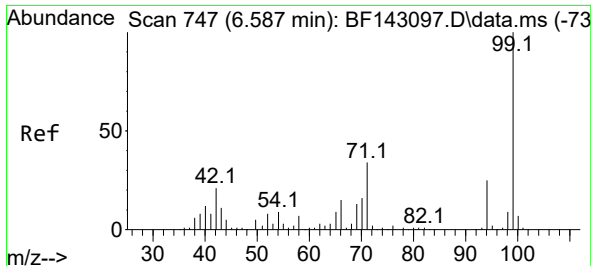


#5
2-Fluorophenol
Concen: 67.333 ng
RT: 5.592 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31



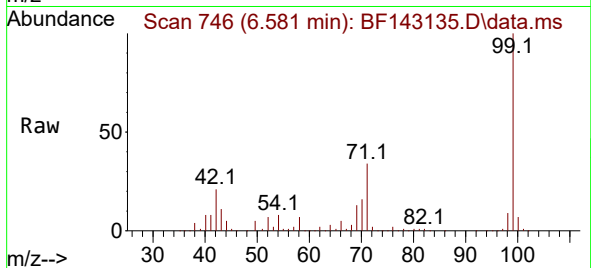
Tgt Ion:112 Resp: 617315
Ion Ratio Lower Upper
112 100
64 66.5 54.6 82.0
63 32.9 27.3 40.9





#7
Phenol-d6
Concen: 69.357 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

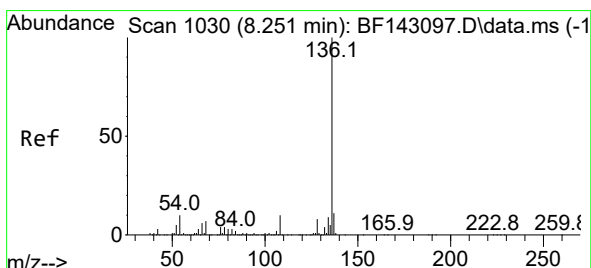
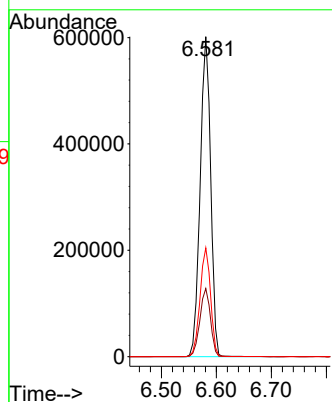
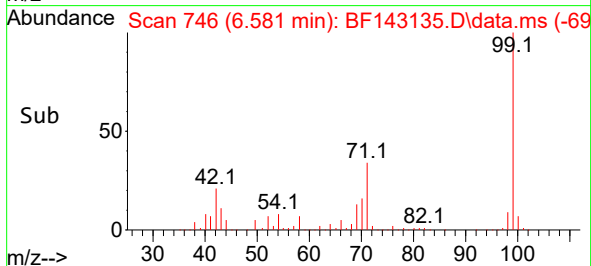
Instrument :
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ClientSampleId :
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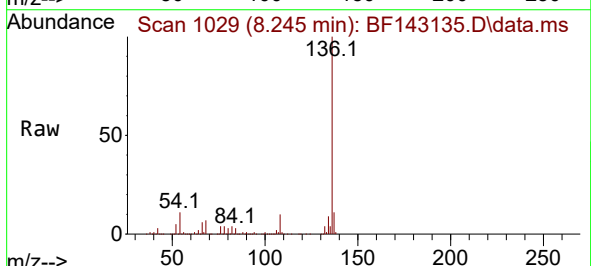
Tgt Ion: 99 Resp: 799294
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 34.0 27.4 41.0

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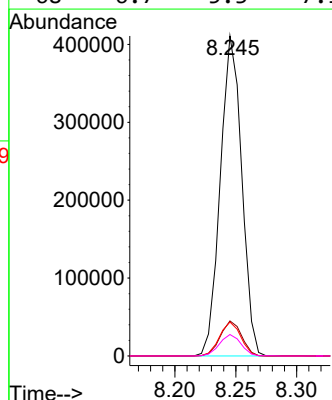
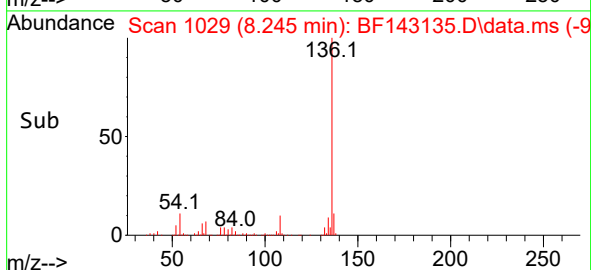
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

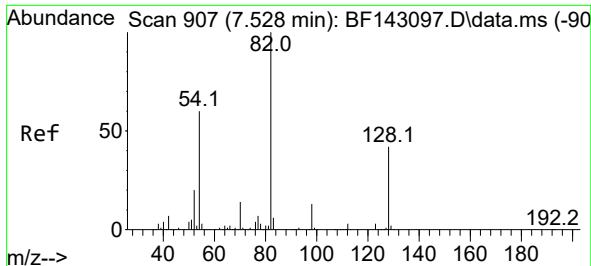


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31



Tgt Ion:136 Resp: 503587
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.6 8.3 12.5
68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 54.618 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143135.D

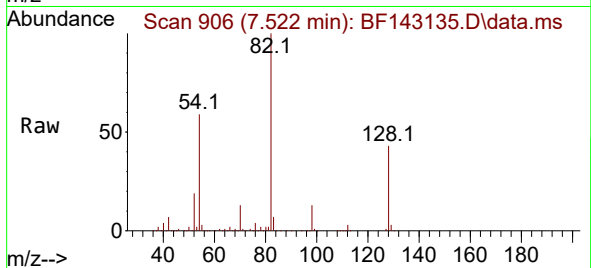
Acq: 17 Jul 2025 04:31

Instrument :

BNA_F

ClientSampleId :

OU4-TS-30-070925



Tgt Ion: 82 Resp: 490298

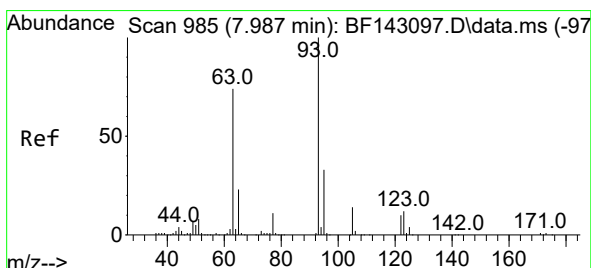
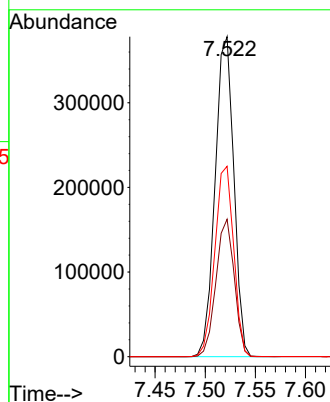
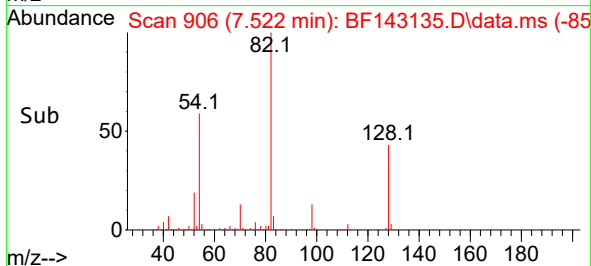
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.3	49.9
54	59.5	47.4	71.2

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Supervised By :Jagrut Upadhyay 07/17/2025



#32

Benzoic acid

Concen: 8.627 ng

RT: 7.922 min Scan# 974

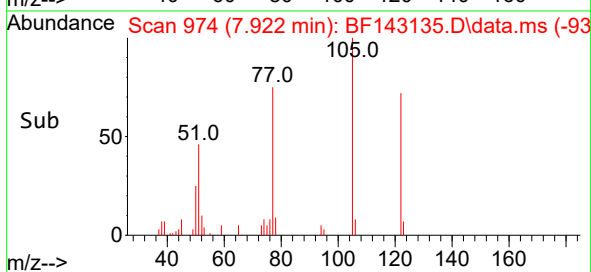
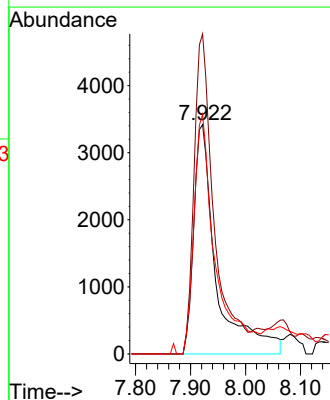
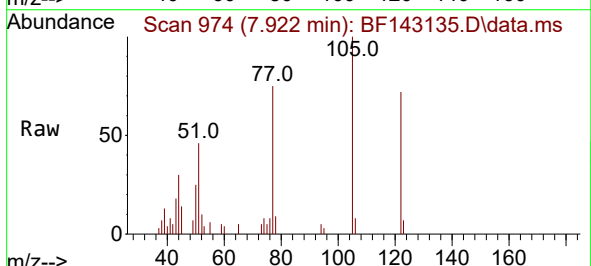
Delta R.T. -0.065 min

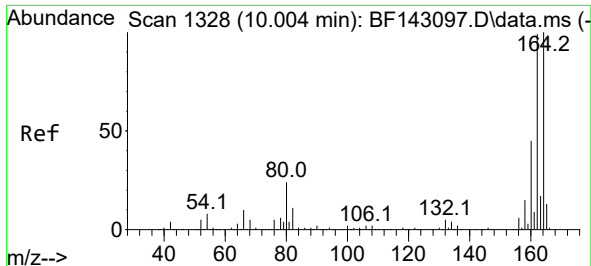
Lab File: BF143135.D

Acq: 17 Jul 2025 04:31

Tgt Ion:122 Resp: 9781

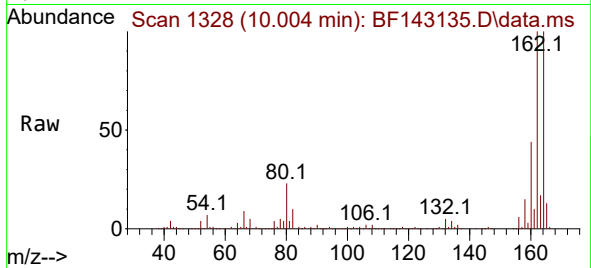
Ion	Ratio	Lower	Upper
122	100		
105	139.6	105.4	145.4
77	104.5	78.6	118.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

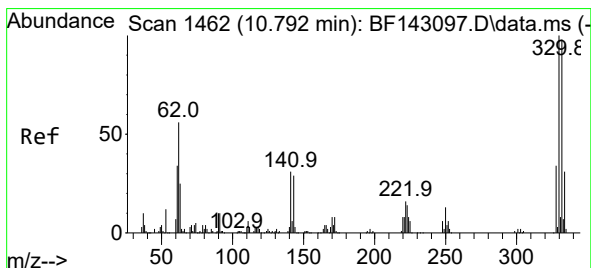
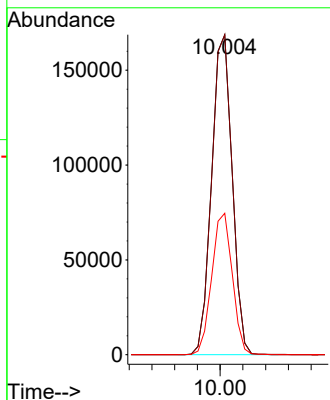
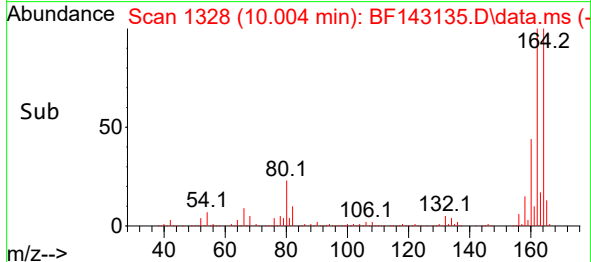
Instrument :
BNA_F
ClientSampleId :
OU4-TS-30-070925



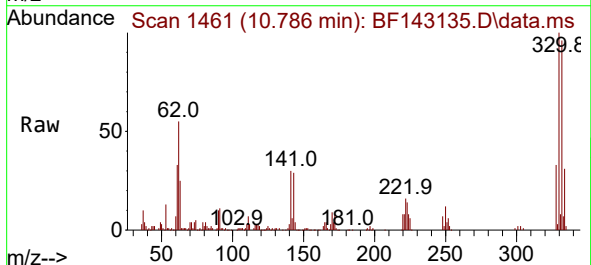
Tgt Ion:164 Resp: 21213
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.6
160 44.2 35.8 53.6

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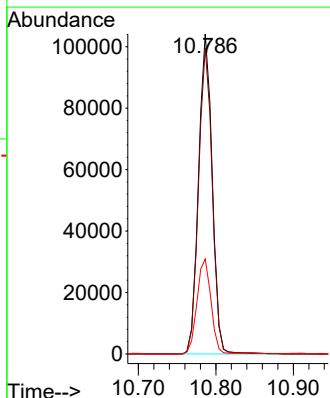
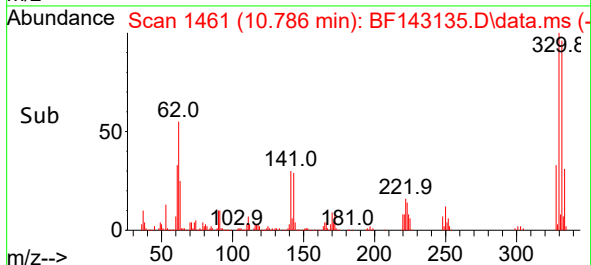
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

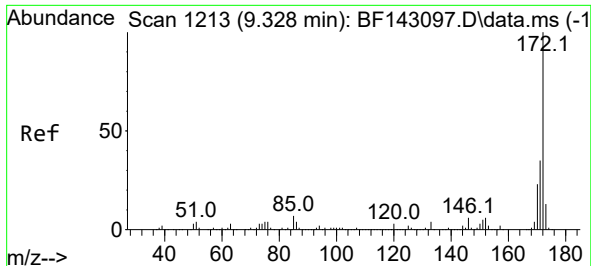


#42
2,4,6-Tribromophenol
Concen: 67.303 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31



Tgt Ion:330 Resp: 127302
Ion Ratio Lower Upper
330 100
332 95.7 77.9 116.9
141 30.3 25.9 38.9





#45

2-Fluorobiphenyl

Concen: 51.634 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143135.D

Acq: 17 Jul 2025 04:31

Instrument :

BNA_F

ClientSampleId :

OU4-TS-30-070925

Tgt Ion:172 Resp: 82400

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

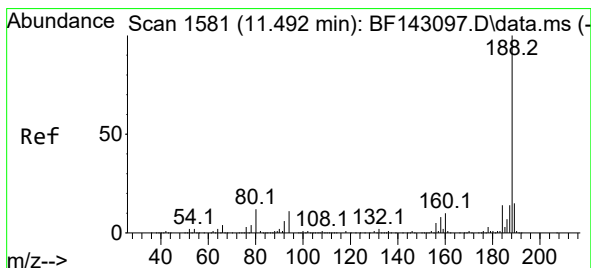
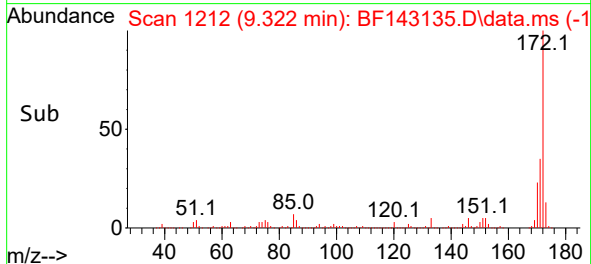
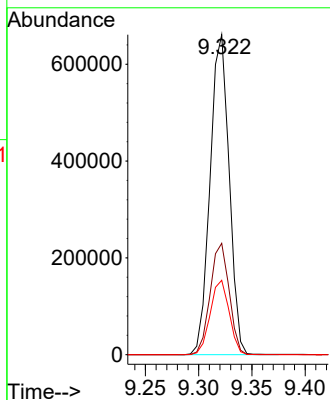
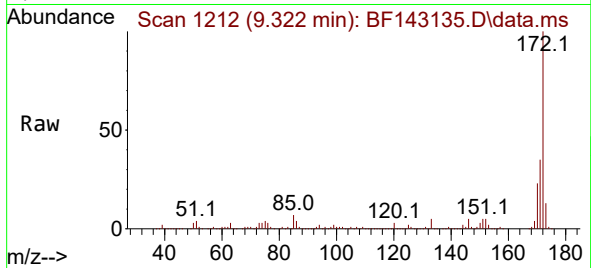
170 23.3 18.6 28.0

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143135.D

Acq: 17 Jul 2025 04:31

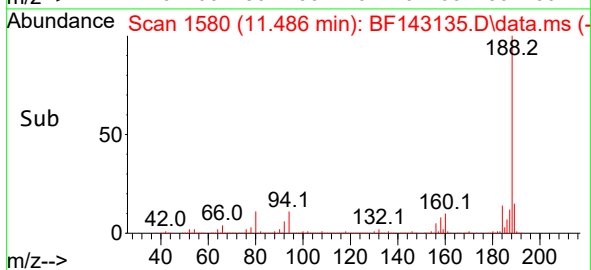
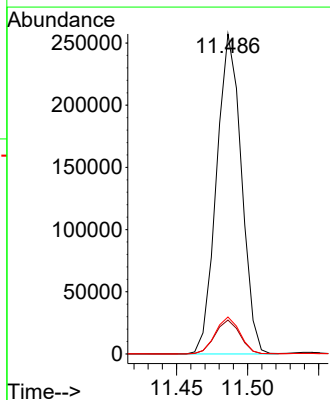
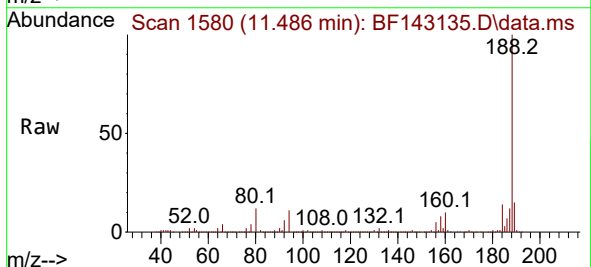
Tgt Ion:188 Resp: 313345

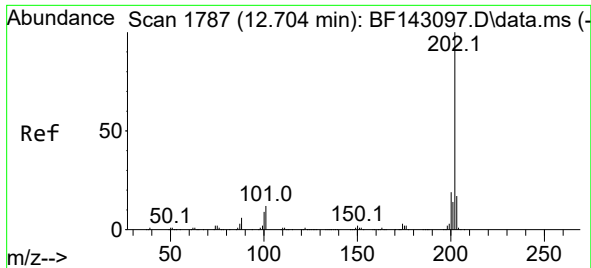
Ion Ratio Lower Upper

188 100

94 10.6 8.6 13.0

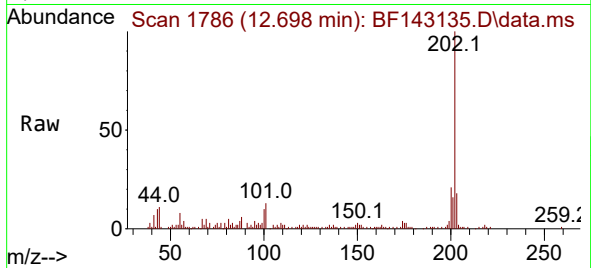
80 11.5 9.3 13.9





#75
Fluoranthene
Concen: 2.888 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

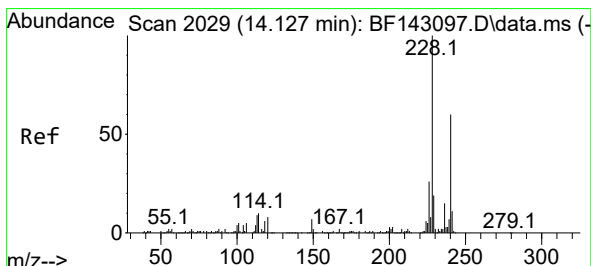
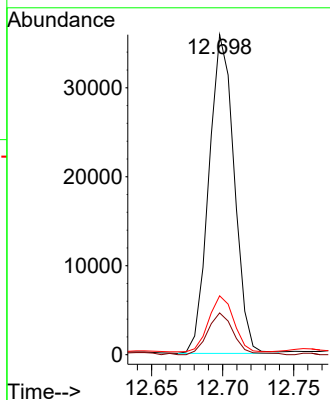
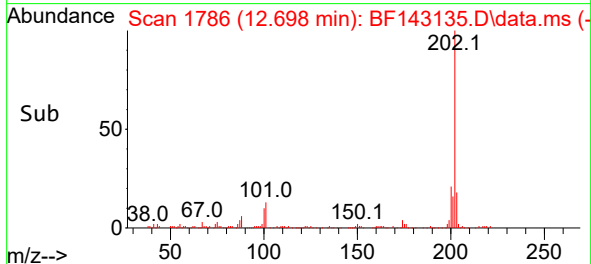
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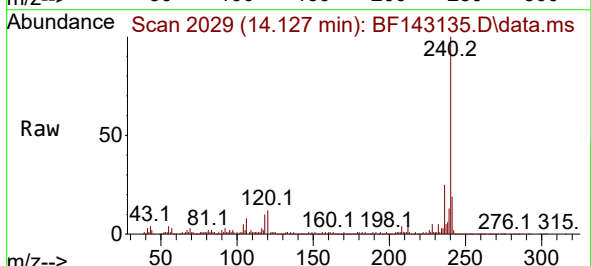
Tgt Ion:202 Resp: 44404
Ion Ratio Lower Upper
202 100
101 13.1 0.0 32.4
203 18.4 0.0 37.4

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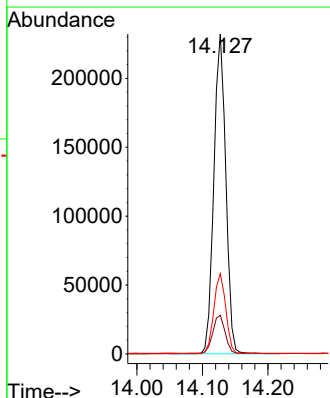
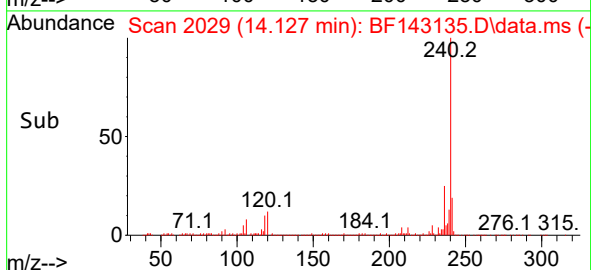
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

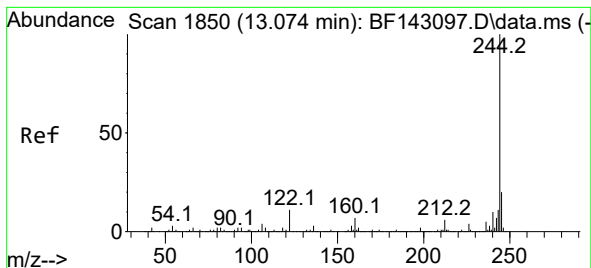


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31



Tgt Ion:240 Resp: 292725
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.1 20.0 30.0





#79

Terphenyl-d14

Concen: 34.137 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BF143135.D

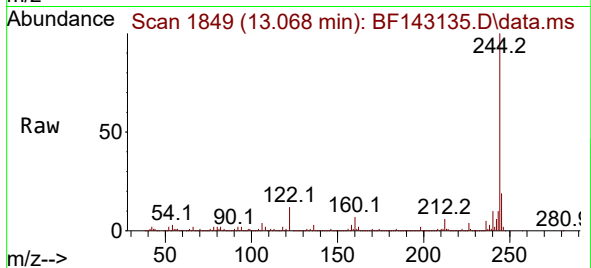
Acq: 17 Jul 2025 04:31

Instrument :

BNA_F

ClientSampleId :

OU4-TS-30-070925



Tgt Ion:244 Resp: 683589

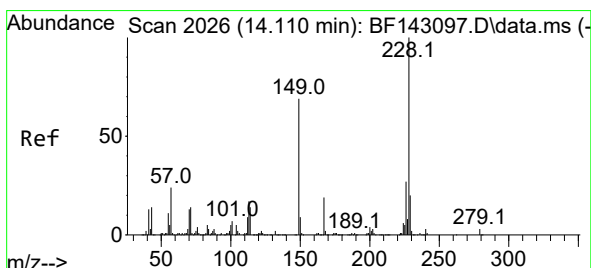
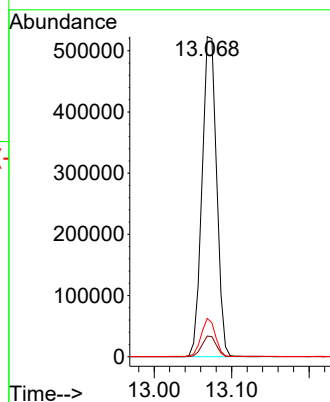
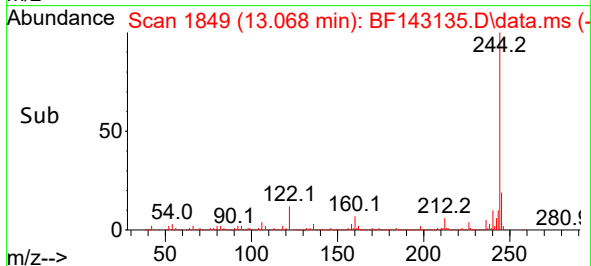
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	12.0	8.8	13.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.819 ng

RT: 14.110 min Scan# 2026

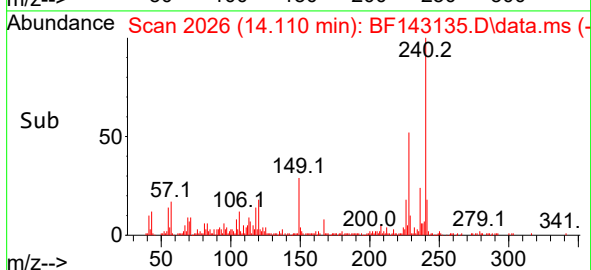
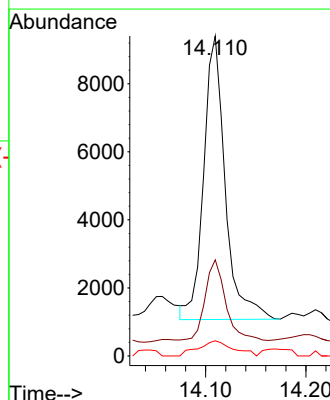
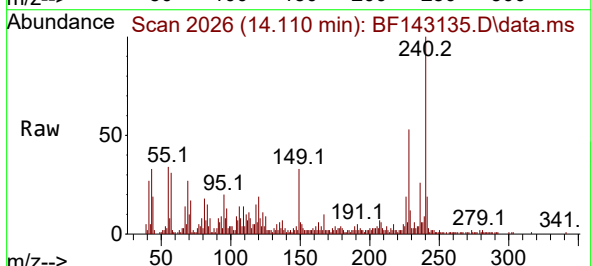
Delta R.T. -0.000 min

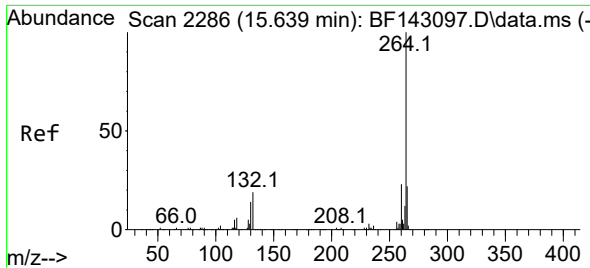
Lab File: BF143135.D

Acq: 17 Jul 2025 04:31

Tgt Ion:149 Resp: 12473

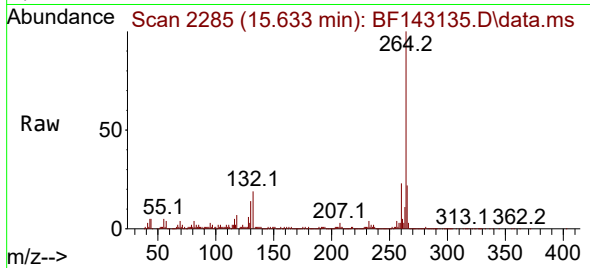
Ion	Ratio	Lower	Upper
149	100		
167	30.0	21.9	32.9
279	4.8	3.4	5.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

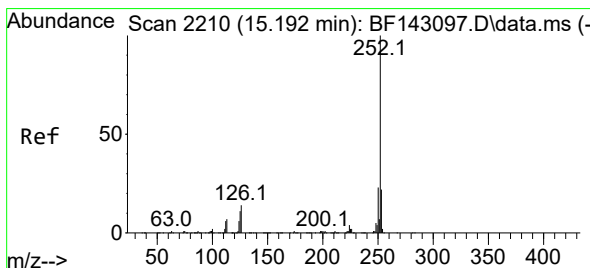
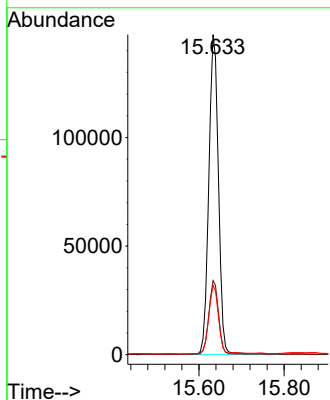
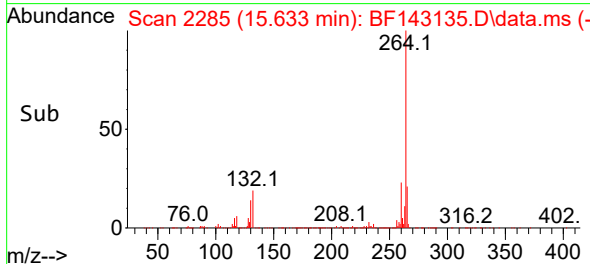
Instrument :
BNA_F
ClientSampleId :
OU4-TS-30-070925



Tgt Ion:264 Resp: 230038
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.6 17.5 26.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#88
Benzo(b)fluoranthene
Concen: 2.519 ng m
RT: 15.186 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

Tgt Ion:252 Resp: 33424
Ion Ratio Lower Upper
252 100
253 27.7 17.5 26.3#
125 22.0 8.6 13.0#

