

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143134.D
 Acq On : 17 Jul 2025 04:02
 Operator : RC/JU
 Sample : Q2558-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 04:46:02 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	148809	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	543974	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	239712	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	333996	20.000	ng	0.00
76) Chrysene-d12	14.127	240	302047	20.000	ng	0.00
86) Perylene-d12	15.633	264	277642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	631556	67.054	ng	0.00
7) Phenol-d6	6.581	99	824463	69.638	ng	0.00
23) Nitrobenzene-d5	7.522	82	508212	52.410	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	99201	46.412	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	835214	46.315	ng	0.00
79) Terphenyl-d14	13.069	244	588719	28.492	ng	0.00
Target Compounds						
32) Benzoic acid	7.904	122	1120	6.744	ng	90
75) Fluoranthene	12.698	202	46789	2.855	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	17165	5.289	ng	96
88) Benzo(b)fluoranthene	15.186	252	45371m	2.833	ng	

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

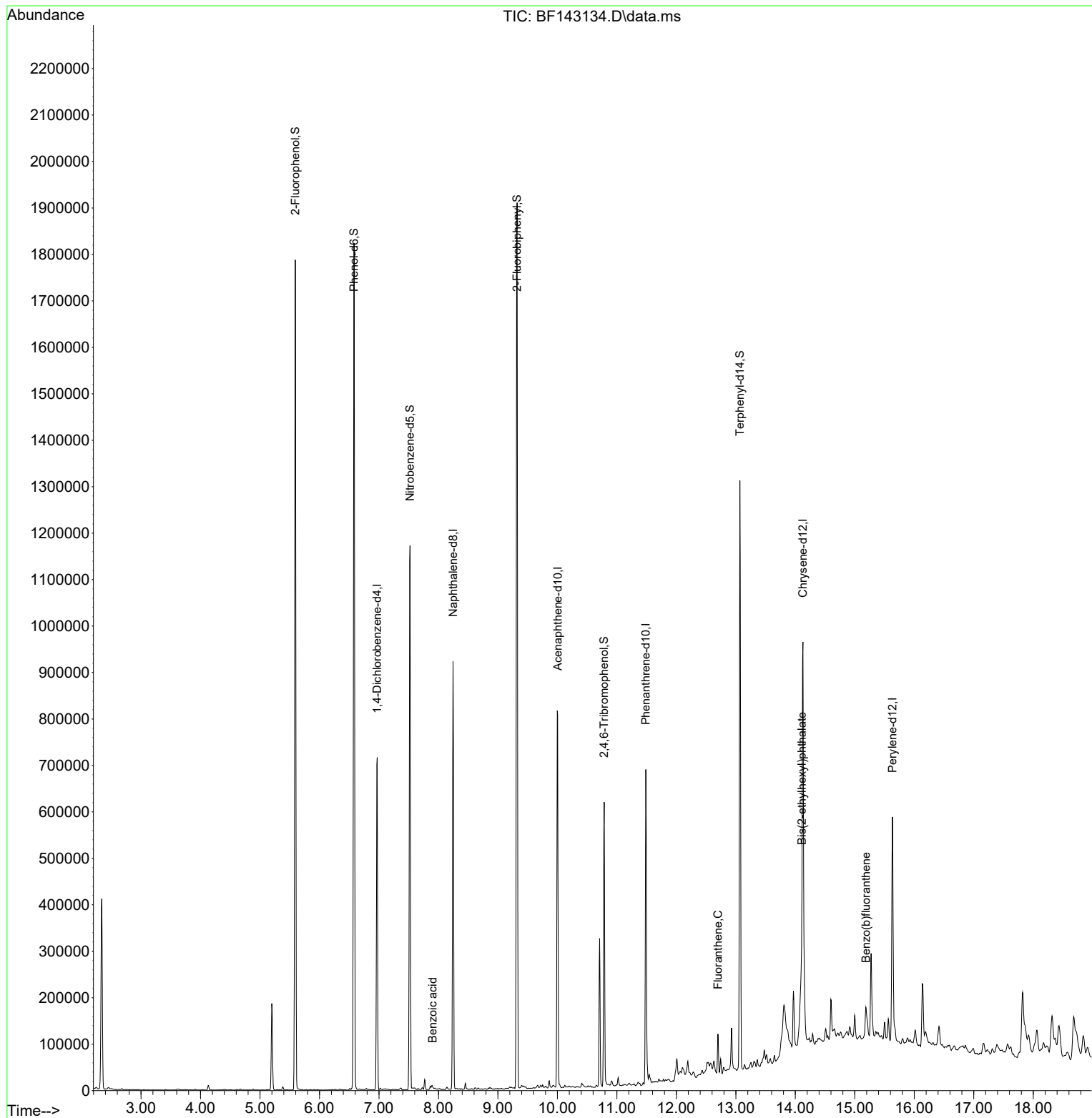
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143134.D
Acq On : 17 Jul 2025 04:02
Operator : RC/JU
Sample : Q2558-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

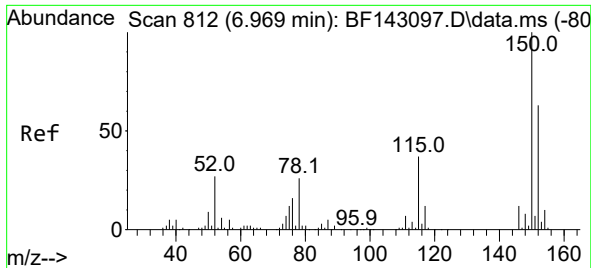
Instrument :
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Quant Time: Jul 17 04:46:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
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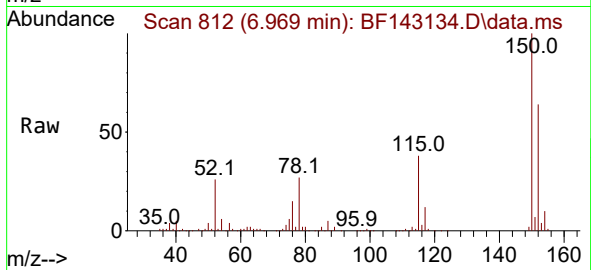
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143134.D
Acq: 17 Jul 2025 04:02

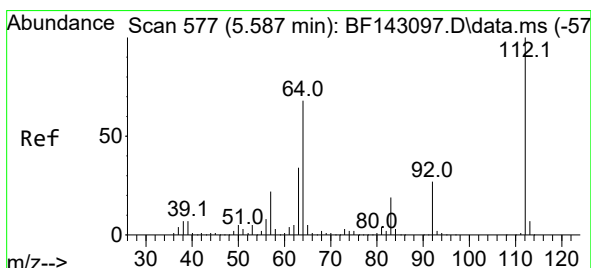
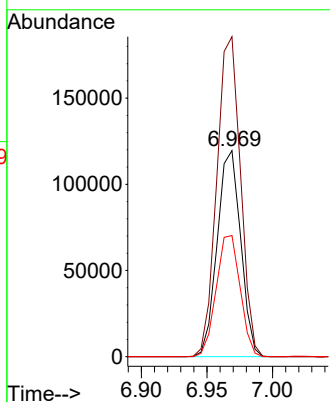
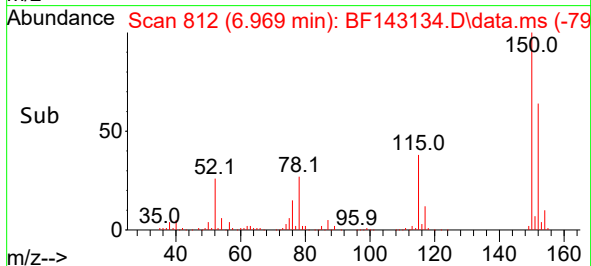
Instrument :
BNA_F
ClientSampleId :
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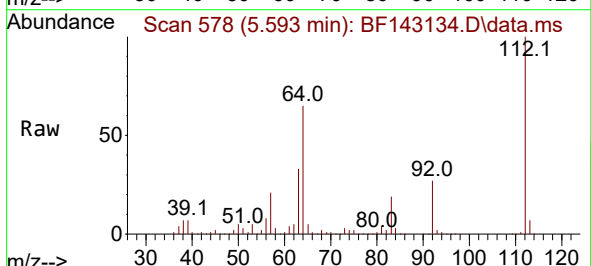
Tgt Ion:152 Resp: 148809
Ion Ratio Lower Upper
152 100
150 155.3 126.5 189.7
115 58.8 47.0 70.6

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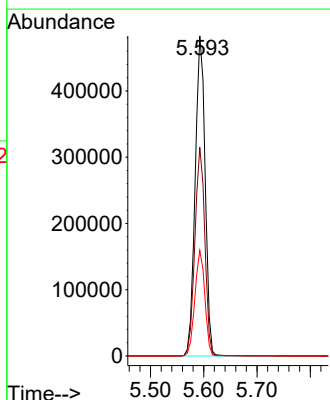
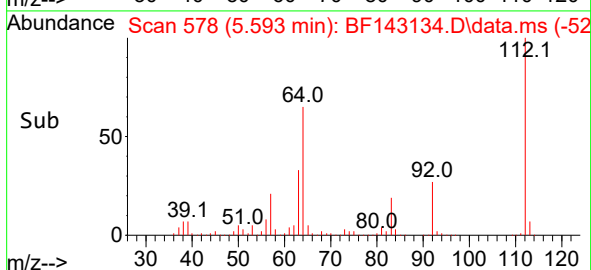
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

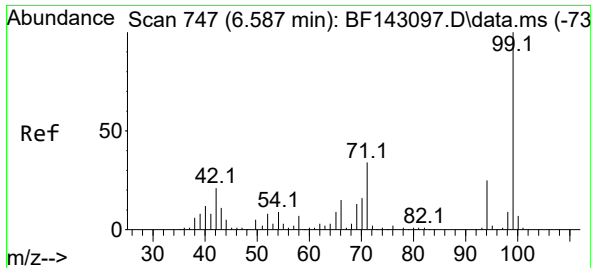


#5
2-Fluorophenol
Concen: 67.054 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143134.D
Acq: 17 Jul 2025 04:02



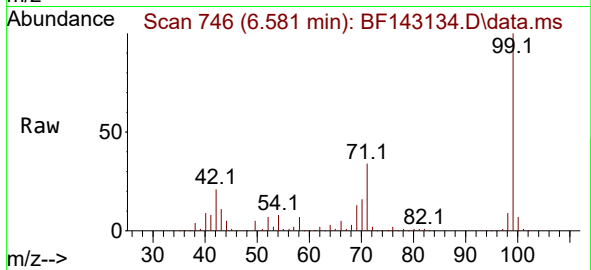
Tgt Ion:112 Resp: 631556
Ion Ratio Lower Upper
112 100
64 65.2 54.6 82.0
63 33.0 27.3 40.9





#7
Phenol-d6
Concen: 69.638 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143134.D
Acq: 17 Jul 2025 04:02

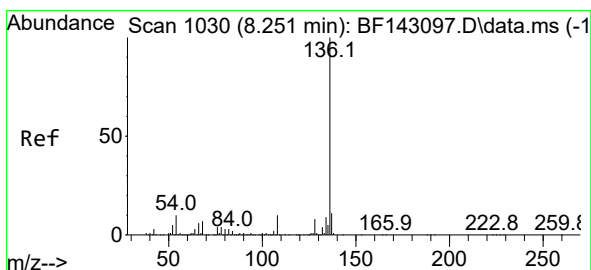
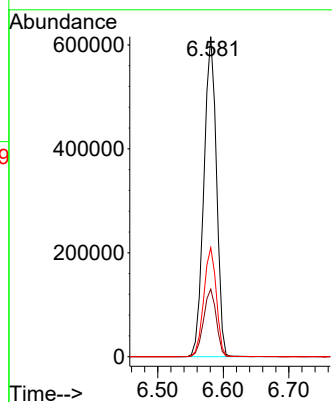
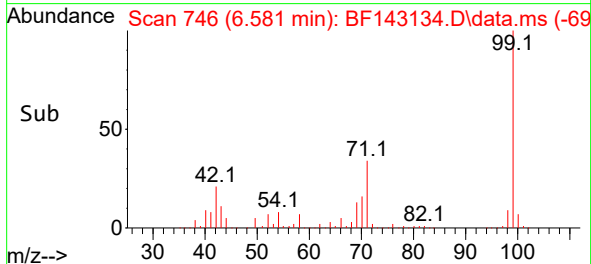
Instrument :
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ClientSampleId :
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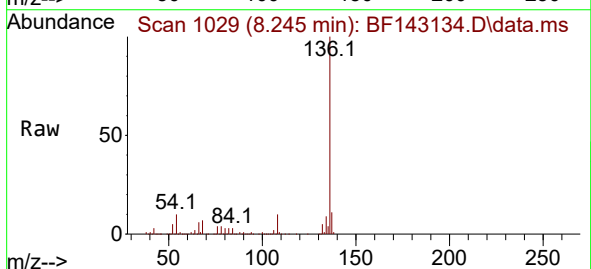
Tgt Ion: 99 Resp: 82446
Ion Ratio Lower Upper
99 100
42 21.1 17.2 25.8
71 34.1 27.4 41.0

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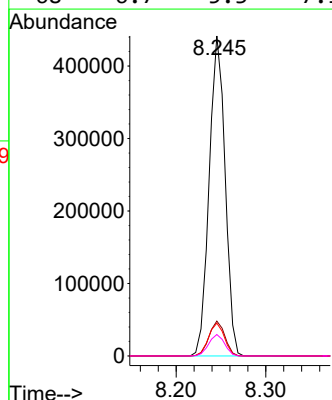
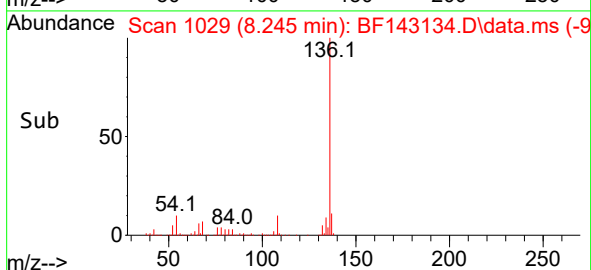
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

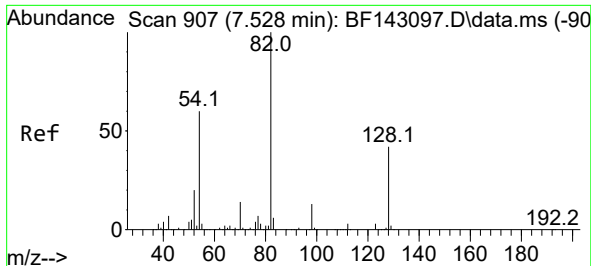


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143134.D
Acq: 17 Jul 2025 04:02



Tgt Ion:136 Resp: 543974
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.2 8.3 12.5
68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 52.410 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143134.D

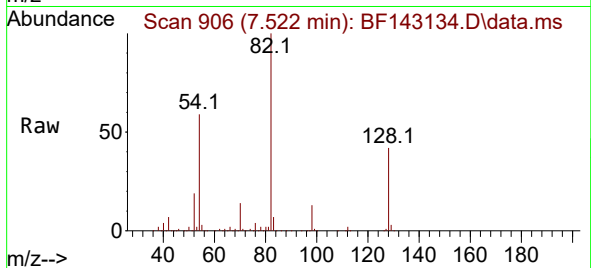
Acq: 17 Jul 2025 04:02

Instrument :

BNA_F

ClientSampleId :

OU4-TS-Denali-070925



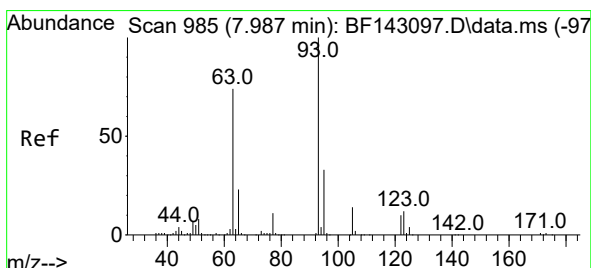
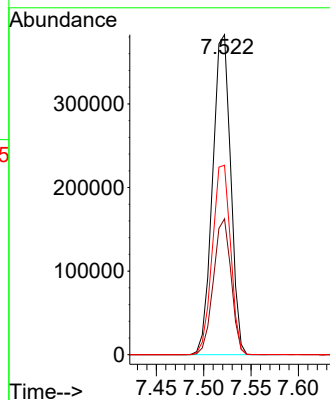
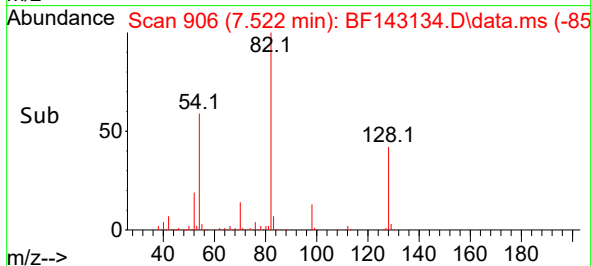
Tgt Ion: 82 Resp: 50821

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	59.2	47.4	71.2

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#32

Benzoic acid

Concen: 6.744 ng

RT: 7.904 min Scan# 971

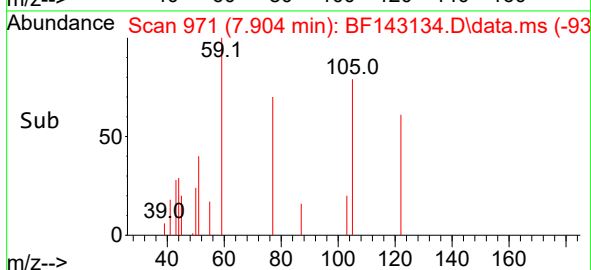
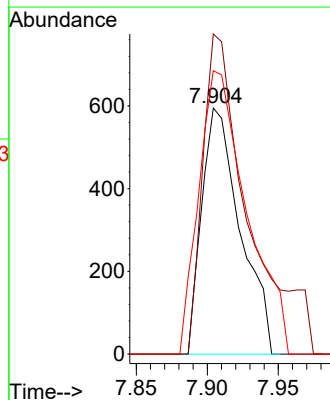
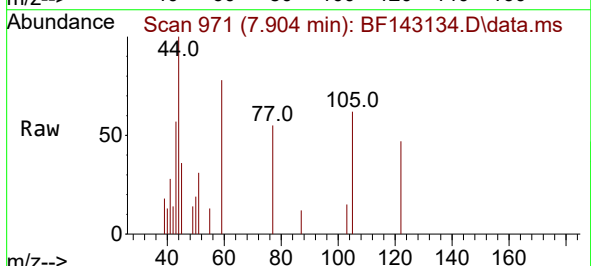
Delta R.T. -0.083 min

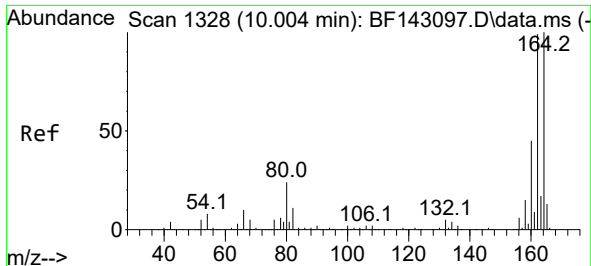
Lab File: BF143134.D

Acq: 17 Jul 2025 04:02

Tgt Ion:122 Resp: 1120

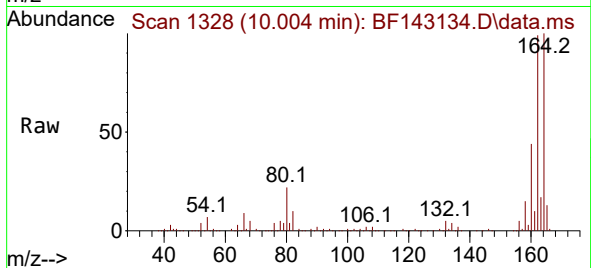
Ion	Ratio	Lower	Upper
122	100		
105	130.1	105.4	145.4
77	115.1	78.6	118.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143134.D
Acq: 17 Jul 2025 04:02

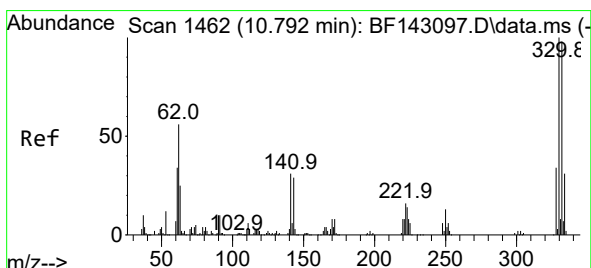
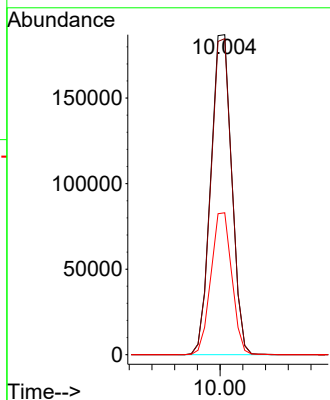
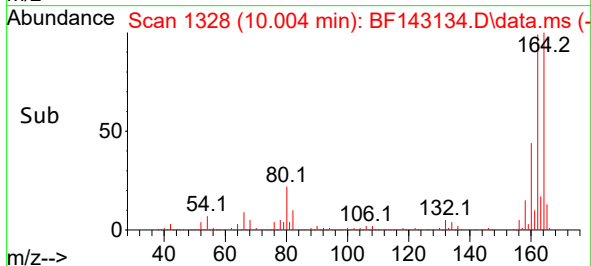
Instrument :
BNA_F
ClientSampleId :
OU4-TS-Denali-070925



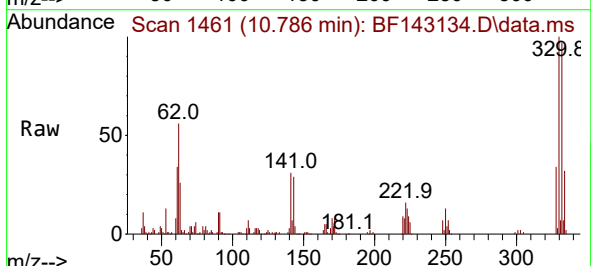
Tgt Ion:164 Resp: 239712
Ion Ratio Lower Upper
164 100
162 98.7 79.0 118.6
160 44.4 35.8 53.6

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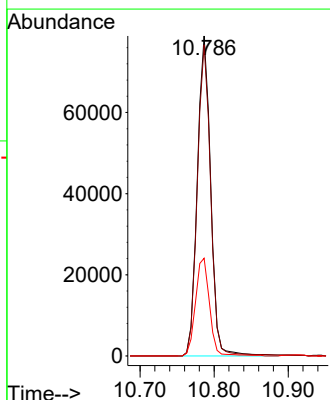
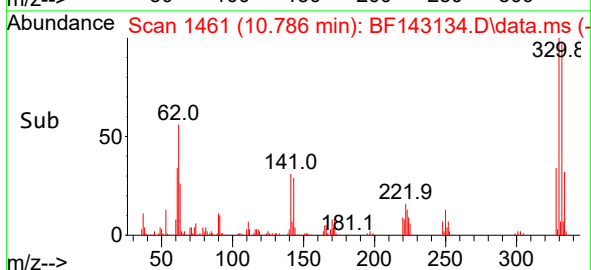
Reviewed By :Rahul Chavli 07/17/2025
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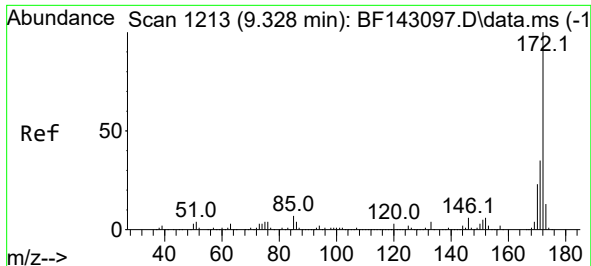


#42
2,4,6-Tribromophenol
Concen: 46.412 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143134.D
Acq: 17 Jul 2025 04:02



Tgt Ion:330 Resp: 99201
Ion Ratio Lower Upper
330 100
332 97.1 77.9 116.9
141 32.0 25.9 38.9





#45

2-Fluorobiphenyl

Concen: 46.315 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143134.D

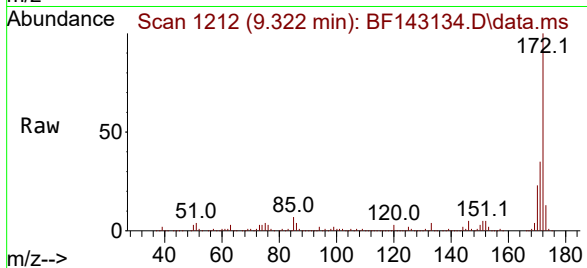
Acq: 17 Jul 2025 04:02

Instrument :

BNA_F

ClientSampleId :

OU4-TS-Denali-070925



Tgt Ion:172 Resp: 835214

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

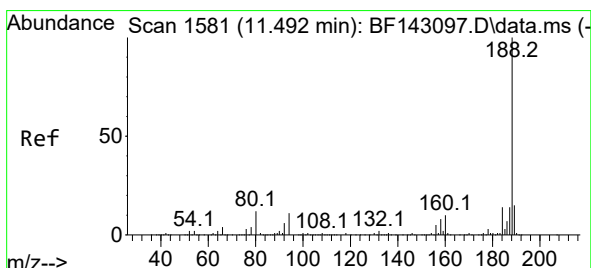
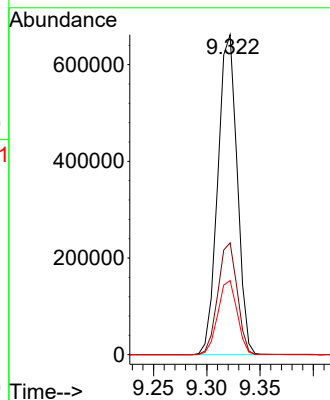
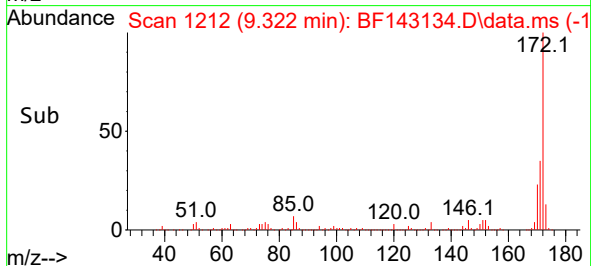
170 23.2 18.6 28.0

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Supervised By :Jagrut Upadhyay 07/17/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143134.D

Acq: 17 Jul 2025 04:02

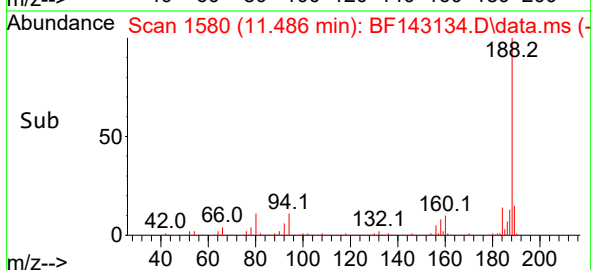
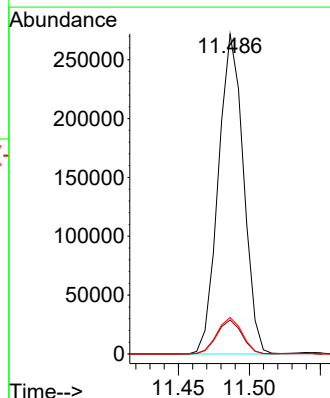
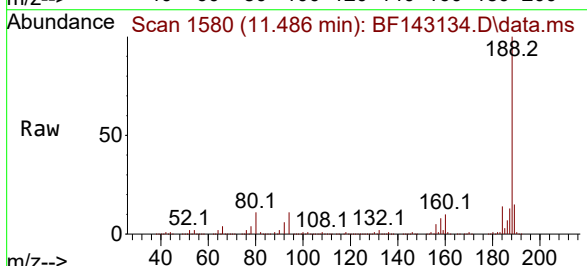
Tgt Ion:188 Resp: 333996

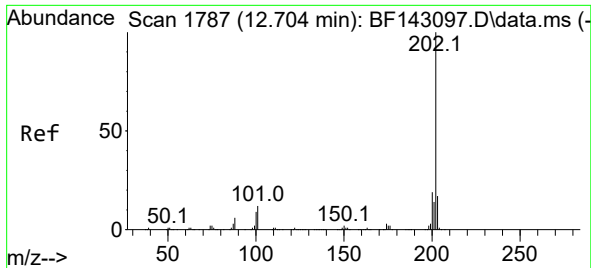
Ion Ratio Lower Upper

188 100

94 10.6 8.6 13.0

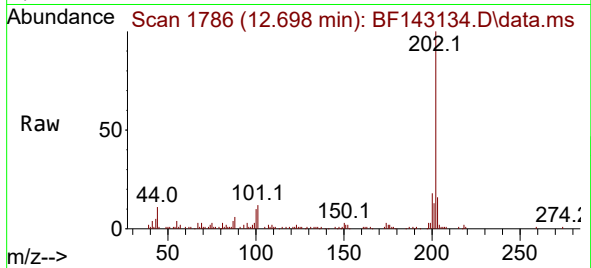
80 11.4 9.3 13.9





#75
Fluoranthene
Concen: 2.855 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF143134.D
Acq: 17 Jul 2025 04:02

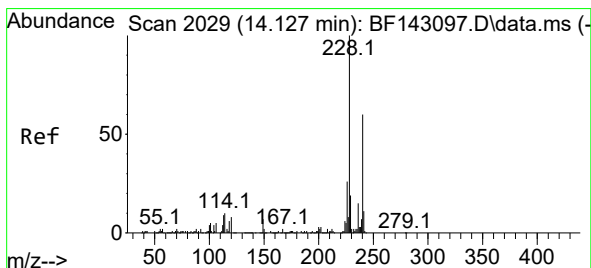
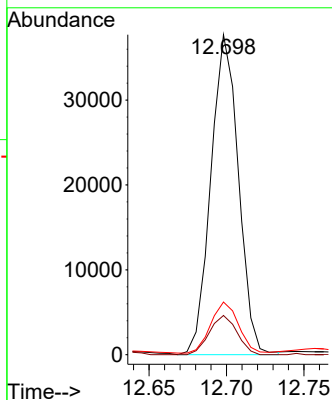
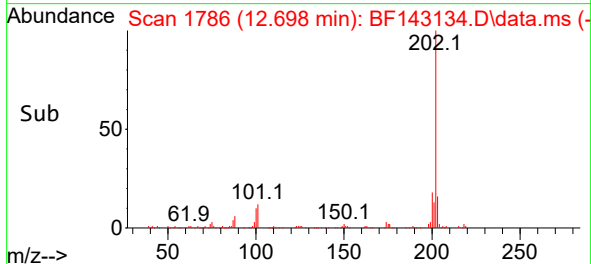
Instrument :
BNA_F
ClientSampleId :
OU4-TS-Denali-070925



Tgt Ion:202 Resp: 46789
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.4
203 16.4 0.0 37.4

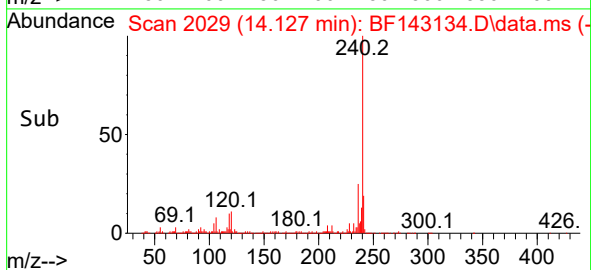
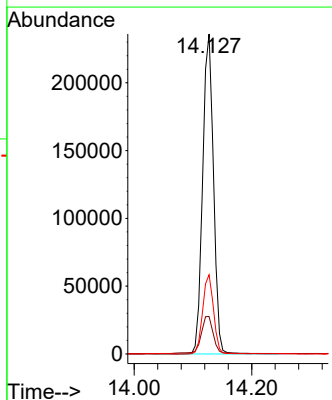
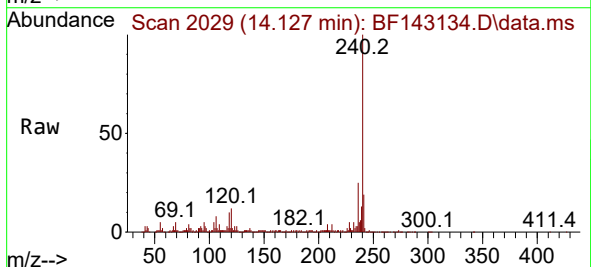
Manual Integrations
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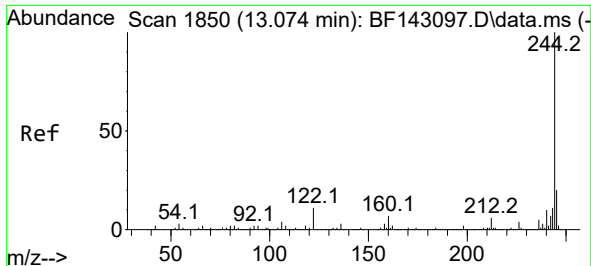
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143134.D
Acq: 17 Jul 2025 04:02

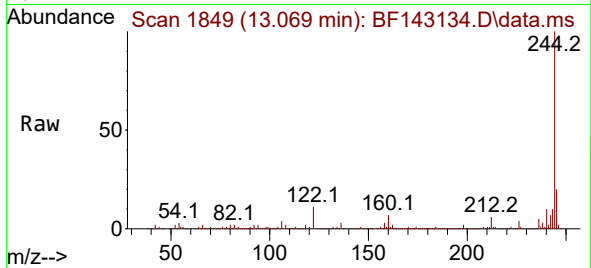
Tgt Ion:240 Resp: 302047
Ion Ratio Lower Upper
240 100
120 11.7 10.0 15.0
236 24.7 20.0 30.0





#79
 Terphenyl-d14
 Concen: 28.492 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: BF143134.D
 Acq: 17 Jul 2025 04:02

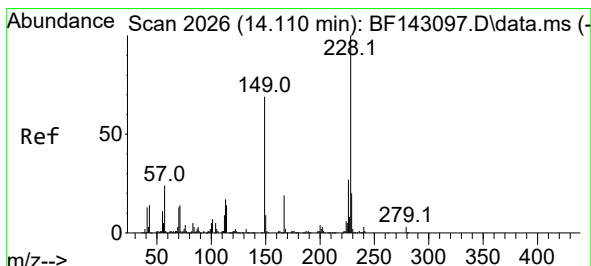
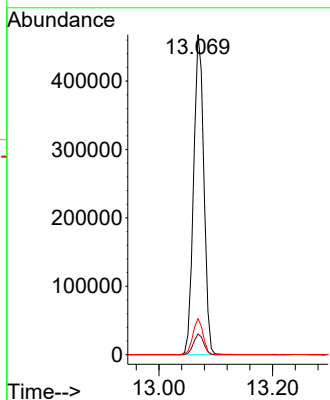
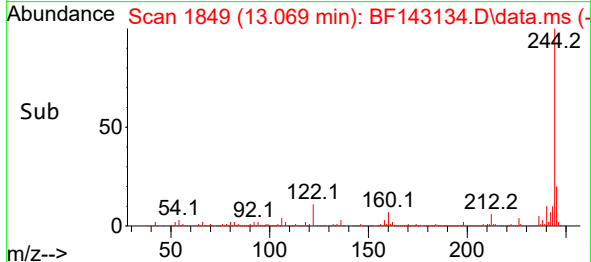
Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-Denali-070925



Tgt Ion:244 Resp: 588719
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 11.3 8.8 13.2

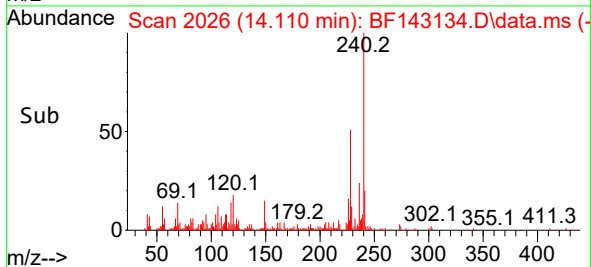
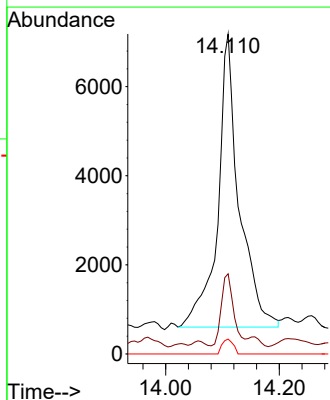
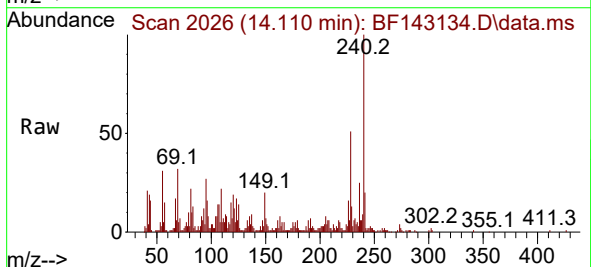
Manual Integrations
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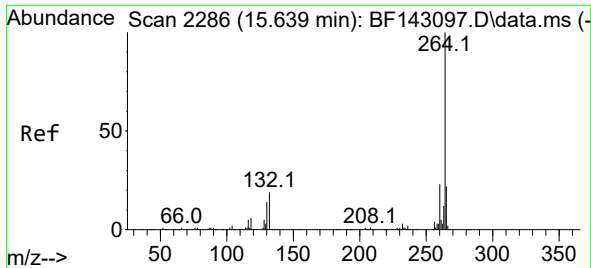
Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.289 ng
 RT: 14.110 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: BF143134.D
 Acq: 17 Jul 2025 04:02

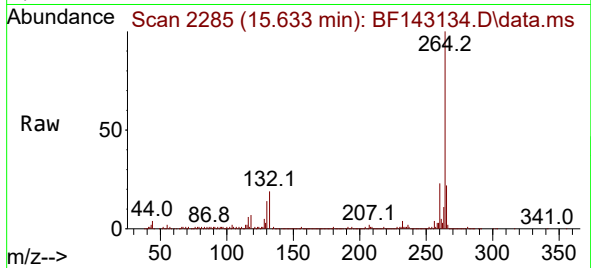
Tgt Ion:149 Resp: 17165
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.9 32.9
 279 4.6 3.4 5.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143134.D
 Acq: 17 Jul 2025 04:02

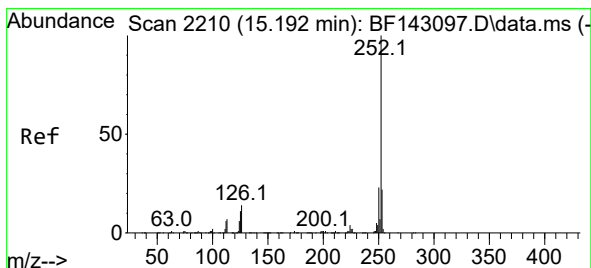
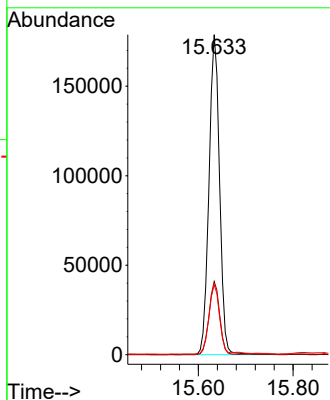
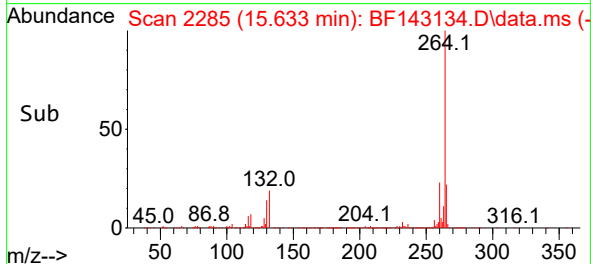
Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-Denali-070925



Tgt Ion:264 Resp: 27764
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 21.9 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: 2.833 ng m
 RT: 15.186 min Scan# 2209
 Delta R.T. -0.006 min
 Lab File: BF143134.D
 Acq: 17 Jul 2025 04:02

Tgt Ion:252 Resp: 45371
 Ion Ratio Lower Upper
 252 100
 253 25.3 17.5 26.3
 125 14.1 8.6 13.0#

