

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143126.D
 Acq On : 17 Jul 2025 00:07
 Operator : RC/JU
 Sample : Q2600-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 END-OF-TRENCH

Quant Time: Jul 17 03:47:43 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	135635	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	524876	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	266724	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	444795	20.000	ng	0.00
76) Chrysene-d12	14.121	240	246117	20.000	ng	0.00
86) Perylene-d12	15.633	264	243269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	930384	108.375	ng	0.02
7) Phenol-d6	6.581	99	1069499	99.109	ng	0.00
23) Nitrobenzene-d5	7.522	82	788771	84.303	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	316136	132.928	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1441167	71.824	ng	0.00
79) Terphenyl-d14	13.074	244	1343330	79.787	ng	0.00
Target Compounds						
32) Benzoic acid	7.922	122	12934m	9.193	ng	Qvalue

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

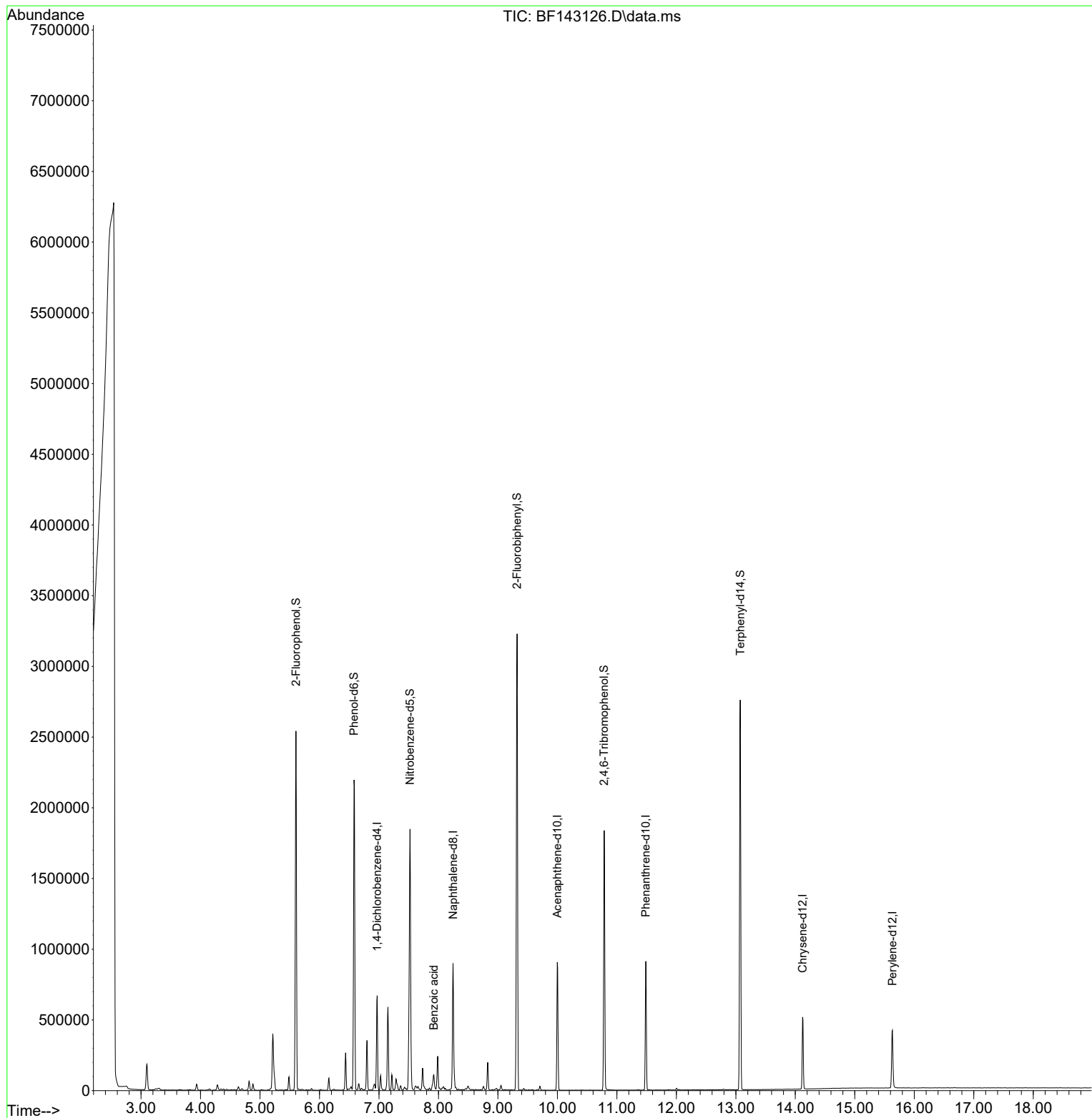
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
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ALS Vial : 11 Sample Multiplier: 1

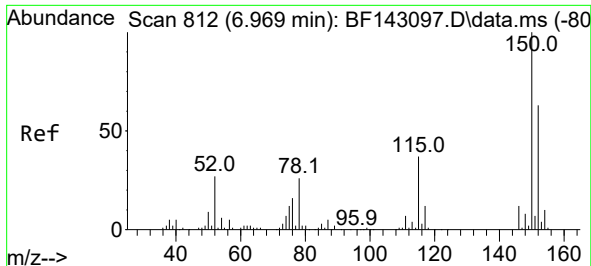
Instrument :
BNA_F
ClientSampleId :
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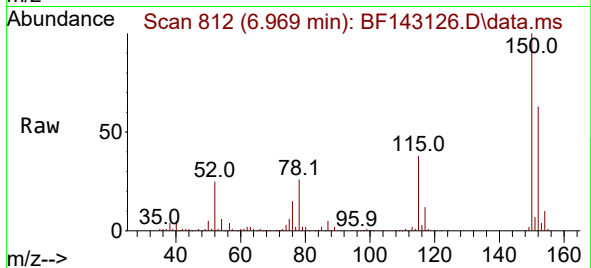
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Supervised By :Jagrut Upadhyay 07/17/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143126.D
Acq: 17 Jul 2025 00:07

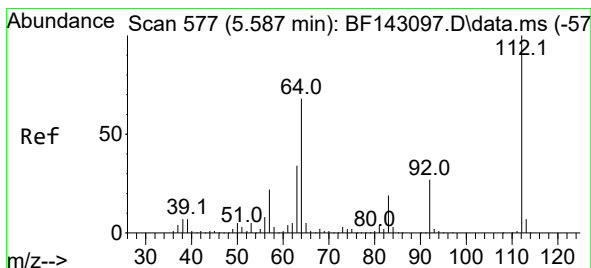
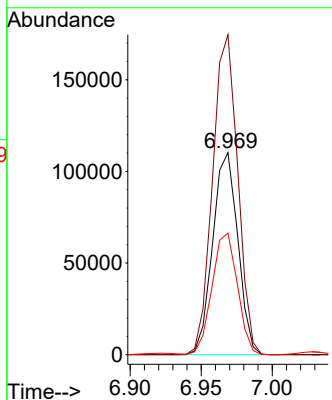
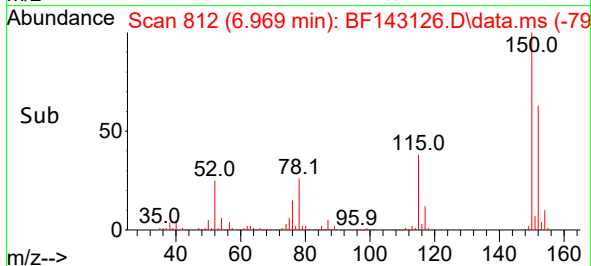
Instrument :
BNA_F
ClientSampleId :
END-OF-TRENCH



Tgt Ion:152 Resp: 135638
Ion Ratio Lower Upper
152 100
150 158.3 126.5 189.7
115 60.2 47.0 70.6

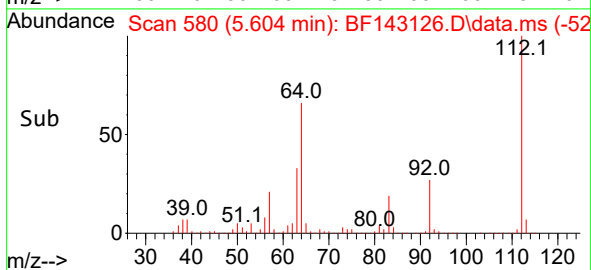
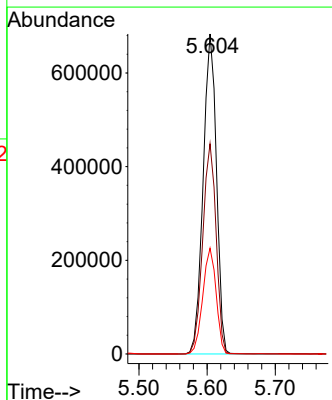
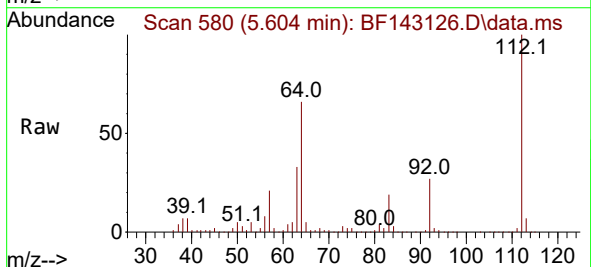
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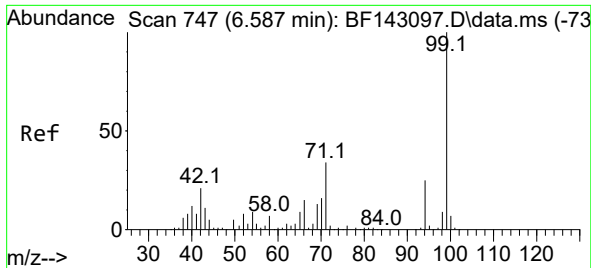
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#5
2-Fluorophenol
Concen: 108.375 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143126.D
Acq: 17 Jul 2025 00:07

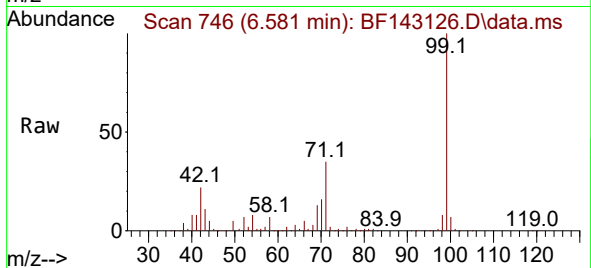
Tgt Ion:112 Resp: 930384
Ion Ratio Lower Upper
112 100
64 65.7 54.6 82.0
63 33.1 27.3 40.9





#7
Phenol-d6
Concen: 99.109 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143126.D
Acq: 17 Jul 2025 00:07

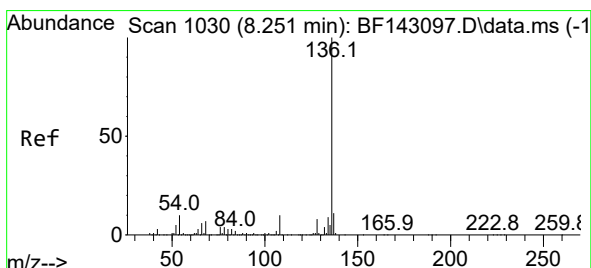
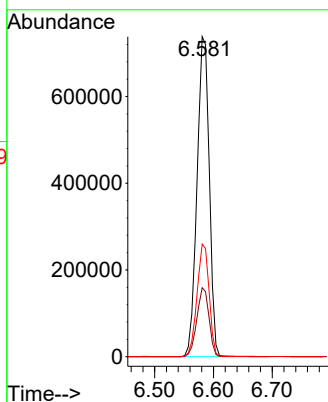
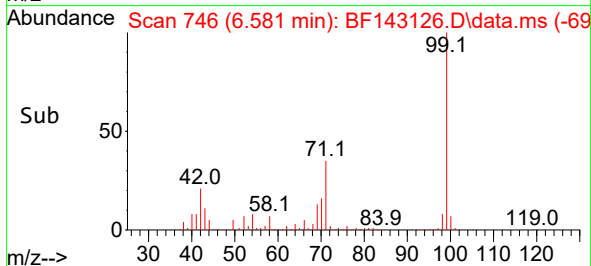
Instrument :
BNA_F
ClientSampleId :
END-OF-TRENCH



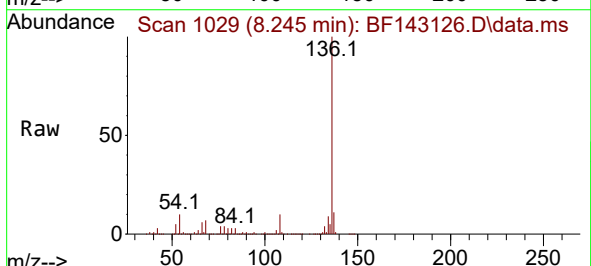
Tgt Ion: 99 Resp: 106949
Ion Ratio Lower Upper
99 100
42 21.5 17.2 25.8
71 35.2 27.4 41.0

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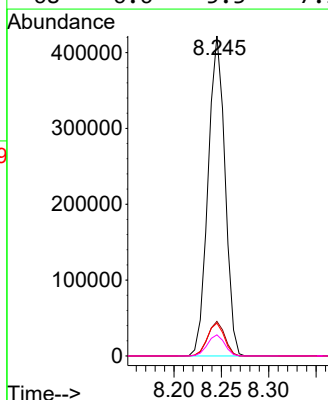
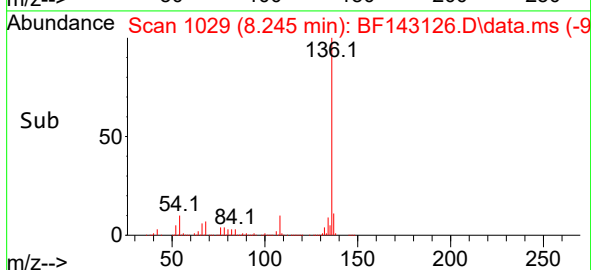
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

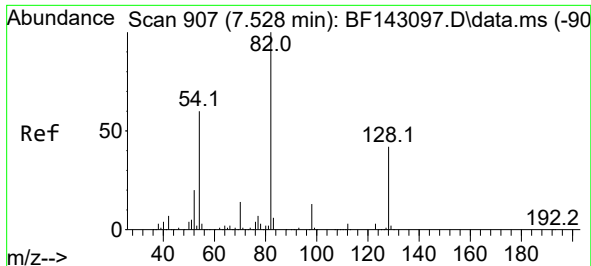


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143126.D
Acq: 17 Jul 2025 00:07



Tgt Ion:136 Resp: 524876
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.3 8.3 12.5
68 6.6 5.3 7.9





#23

Nitrobenzene-d5

Concen: 84.303 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143126.D

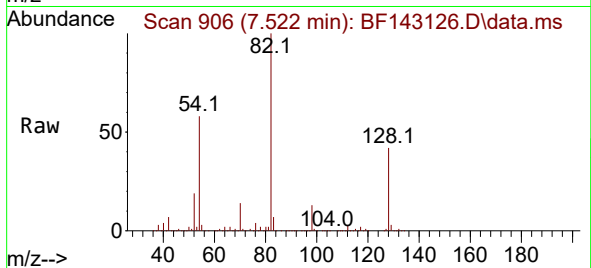
Acq: 17 Jul 2025 00:07

Instrument :

BNA_F

ClientSampleId :

END-OF-TRENCH



Tgt Ion: 82 Resp: 78877

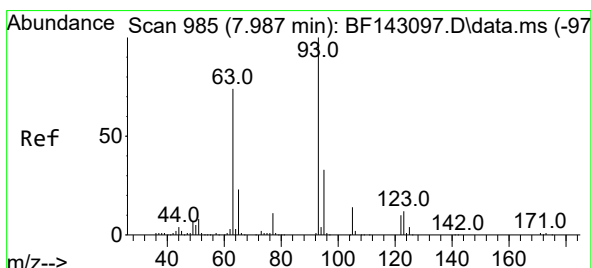
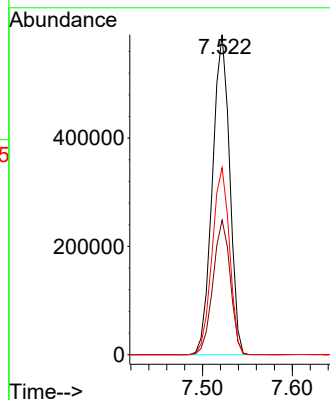
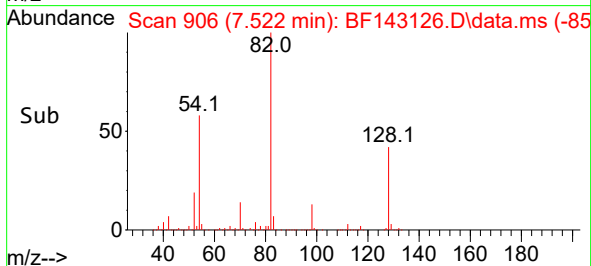
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.3	49.9
54	58.5	47.4	71.2

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#32

Benzoic acid

Concen: 9.193 ng m

RT: 7.922 min Scan# 974

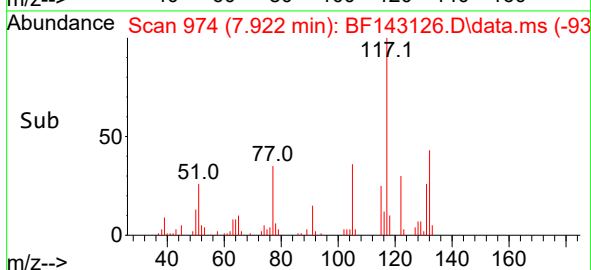
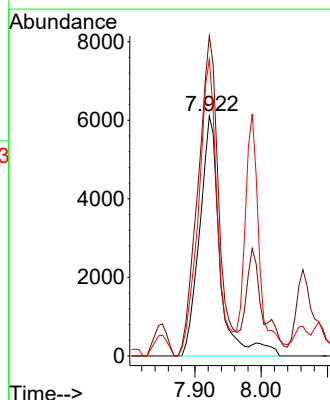
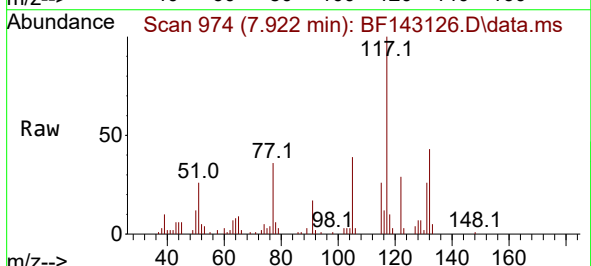
Delta R.T. -0.065 min

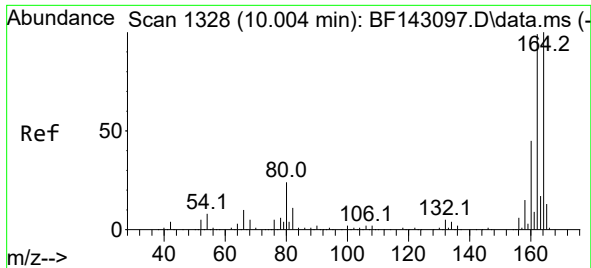
Lab File: BF143126.D

Acq: 17 Jul 2025 00:07

Tgt Ion:122 Resp: 12934

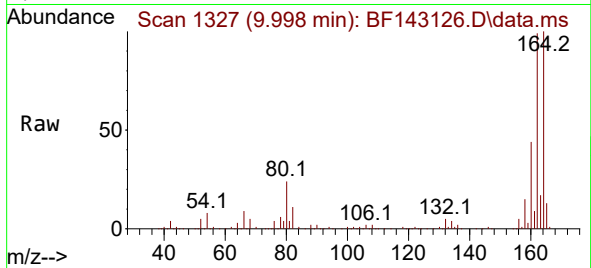
Ion	Ratio	Lower	Upper
122	100		
105	133.4	105.4	145.4
77	123.6	78.6	118.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143126.D
Acq: 17 Jul 2025 00:07

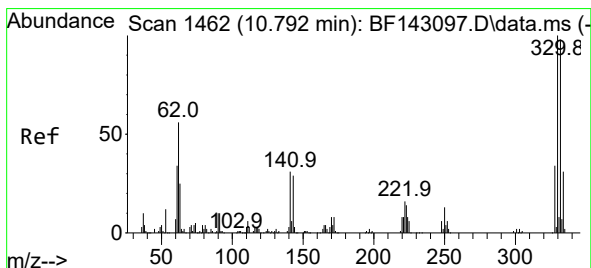
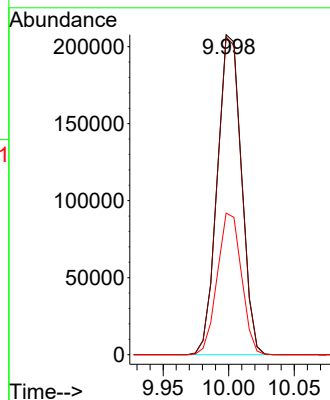
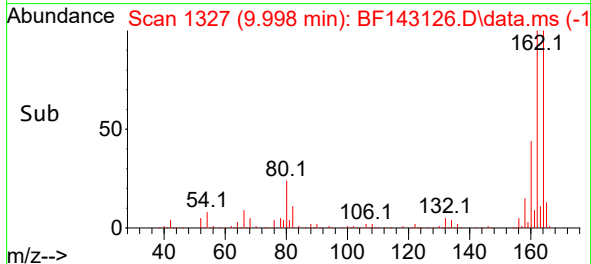
Instrument :
BNA_F
ClientSampleId :
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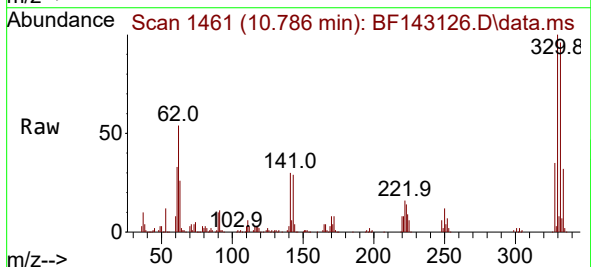
Tgt Ion:164 Resp: 266724
Ion Ratio Lower Upper
164 100
162 99.3 79.0 118.6
160 44.2 35.8 53.6

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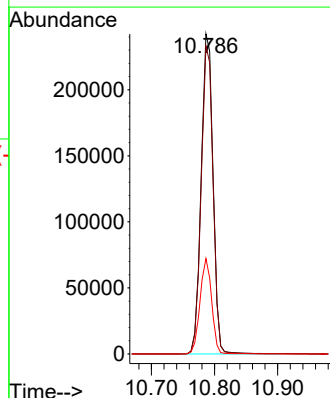
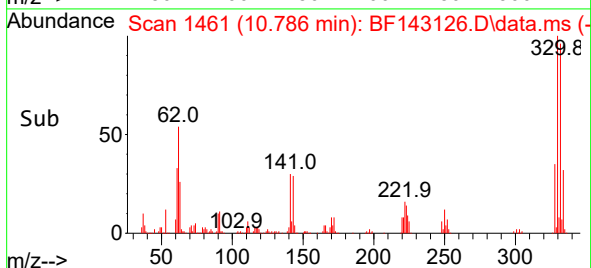
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

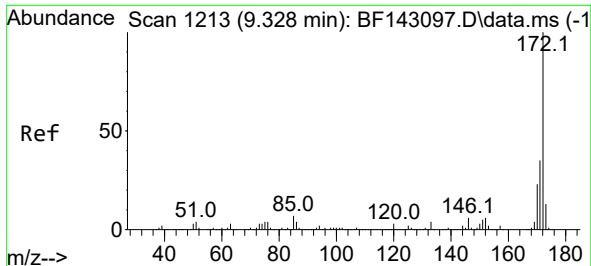


#42
2,4,6-Tribromophenol
Concen: 132.928 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143126.D
Acq: 17 Jul 2025 00:07



Tgt Ion:330 Resp: 316136
Ion Ratio Lower Upper
330 100
332 96.2 77.9 116.9
141 29.2 25.9 38.9





#45

2-Fluorobiphenyl

Concen: 71.824 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143126.D

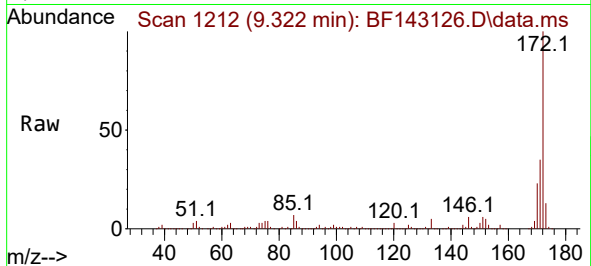
Acq: 17 Jul 2025 00:07

Instrument :

BNA_F

ClientSampleId :

END-OF-TRENCH



Tgt Ion:172 Resp: 144116

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

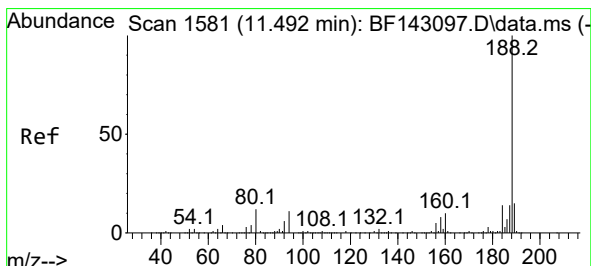
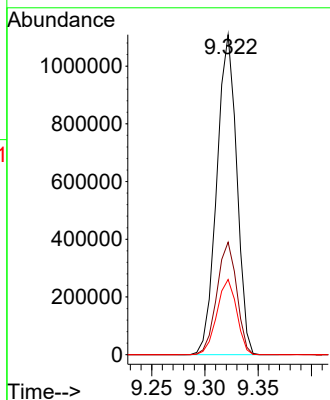
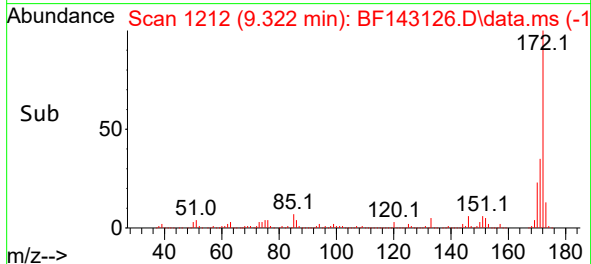
170 23.5 18.6 28.0

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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: BF143126.D

Acq: 17 Jul 2025 00:07

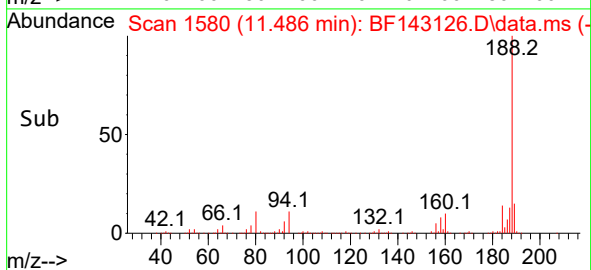
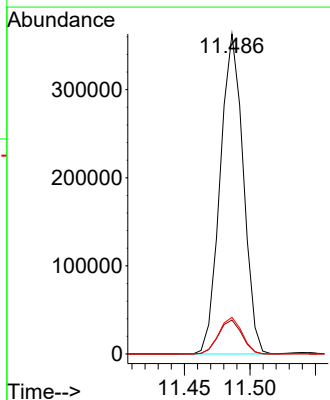
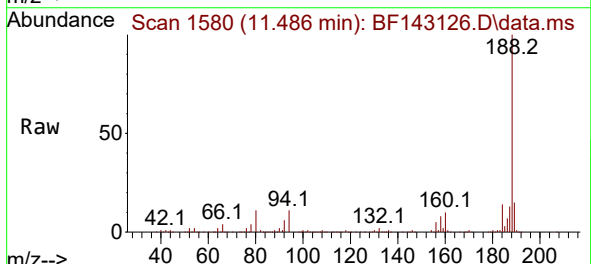
Tgt Ion:188 Resp: 444795

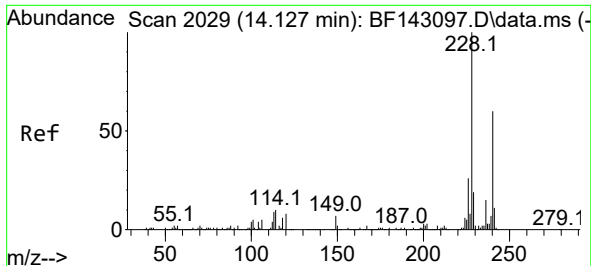
Ion Ratio Lower Upper

188 100

94 10.6 8.6 13.0

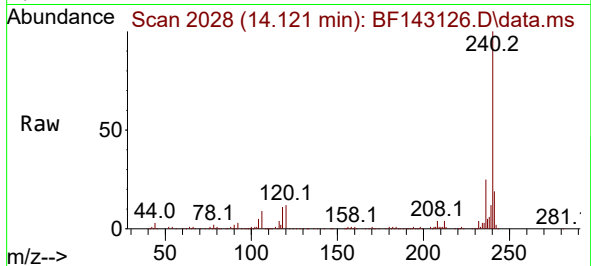
80 11.5 9.3 13.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF143126.D
Acq: 17 Jul 2025 00:07

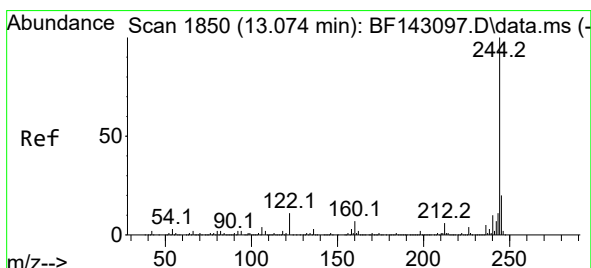
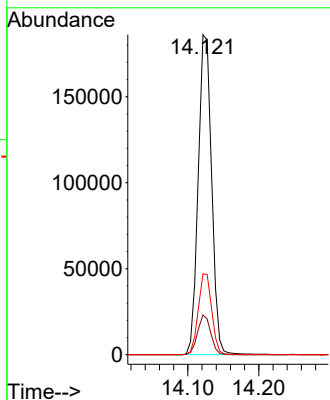
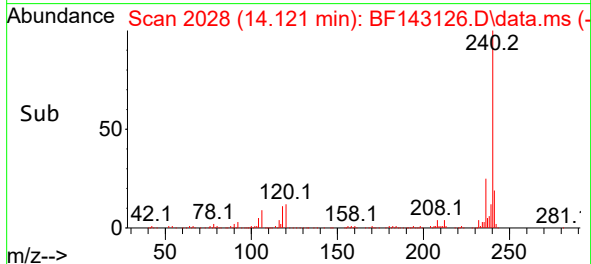
Instrument :
BNA_F
ClientSampleId :
END-OF-TRENCH



Tgt Ion:240 Resp: 246117
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 25.3 20.0 30.0

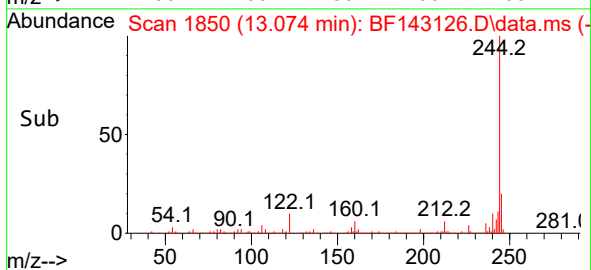
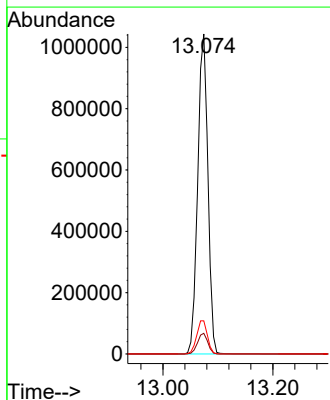
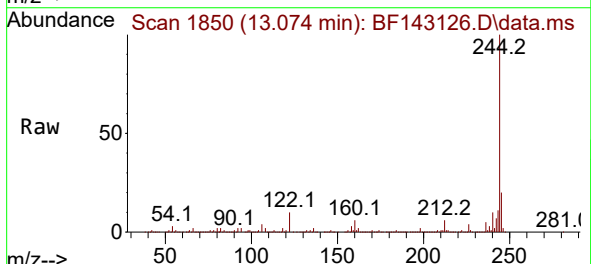
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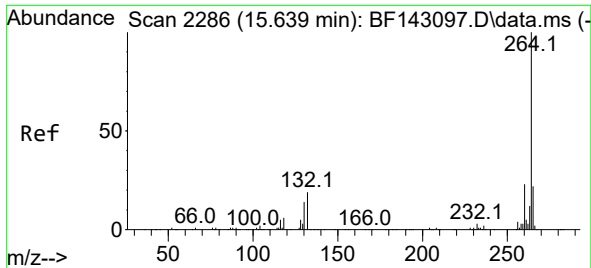
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#79
Terphenyl-d14
Concen: 79.787 ng
RT: 13.074 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BF143126.D
Acq: 17 Jul 2025 00:07

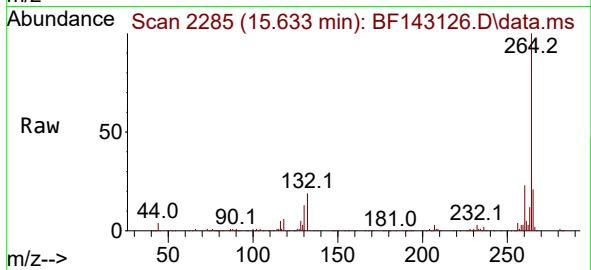
Tgt Ion:244 Resp: 1343330
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.3 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143126.D
Acq: 17 Jul 2025 00:07

Instrument :
BNA_F
ClientSampleId :
END-OF-TRENCH



Tgt Ion:264 Resp: 243269
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.0 17.5 26.3

Manual Integrations
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Supervised By :Jagrut Upadhyay 07/17/2025

