

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111425\
 Data File : BF144261.D
 Acq On : 14 Nov 2025 14:15
 Operator : RC/JU
 Sample : Q3633-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-369

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025
 Supervised By :Sohil Jodhani 11/17/2025

Quant Time: Nov 14 14:34:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	44182	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	132691	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	65707	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	141568	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	109889	20.000	ng	0.00
86) Perylene-d12	15.527	264	87022	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	110032	38.972	ng	-0.01
7) Phenol-d6	6.492	99	115784	36.193	ng	0.00
23) Nitrobenzene-d5	7.428	82	65628	28.565	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	33947	41.170	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	132910	29.875	ng	0.00
79) Terphenyl-d14	12.980	244	185434	26.804	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.421	178	20508	2.910	ng	97
75) Fluoranthene	12.610	202	33160	4.554	ng	99
78) Pyrene	12.839	202	54591	6.161	ng	97
81) Benzo(a)anthracene	14.033	228	19531	2.564	ng	# 85
83) Chrysene	14.068	228	16877	2.400	ng	# 84
88) Benzo(b)fluoranthene	15.092	252	15916m	3.217	ng	
90) Benzo(a)pyrene	15.462	252	9836	2.155	ng	# 76

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

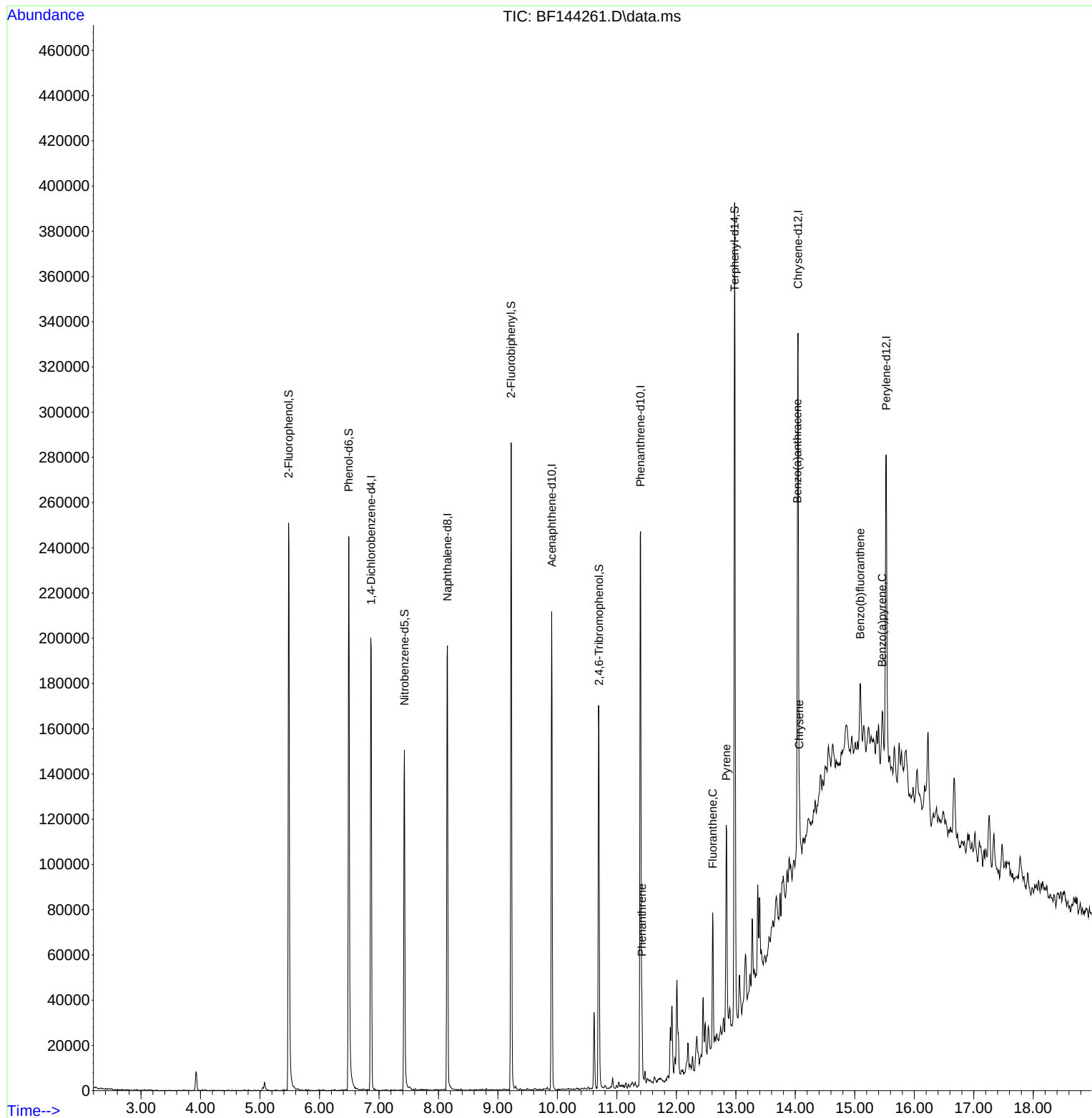
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111425\
Data File : BF144261.D
Acq On : 14 Nov 2025 14:15
Operator : RC/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

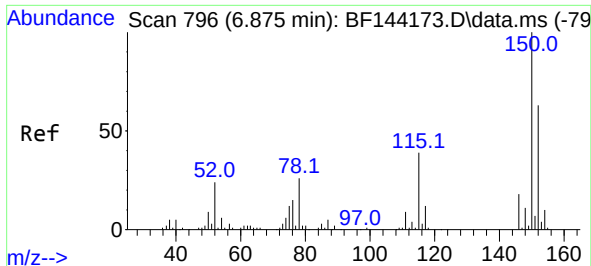
Instrument :
BNA_F
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ETGI-369

Quant Time: Nov 14 14:34:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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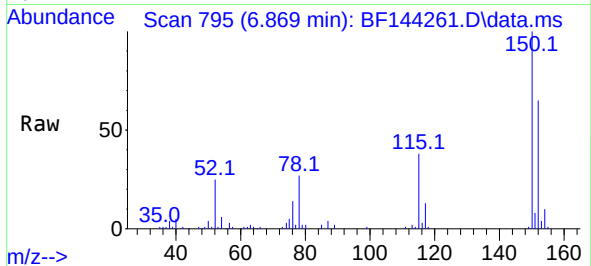
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Supervised By :Sohil Jodhani 11/17/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

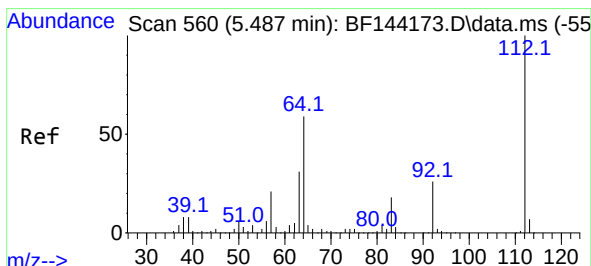
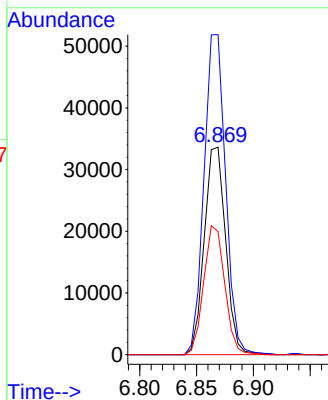
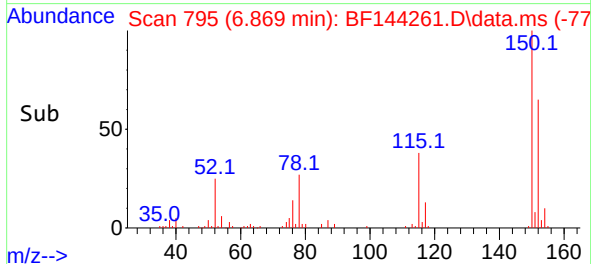
Instrument :
BNA_F
ClientSampleId :
ETGI-369



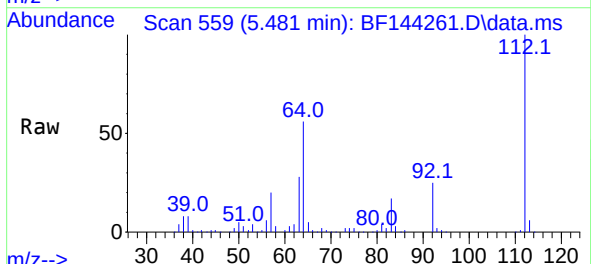
Tgt Ion:152 Resp: 4418
Ion Ratio Lower Upper
152 100
150 154.2 127.4 191.0
115 59.3 49.5 74.3

Manual Integrations
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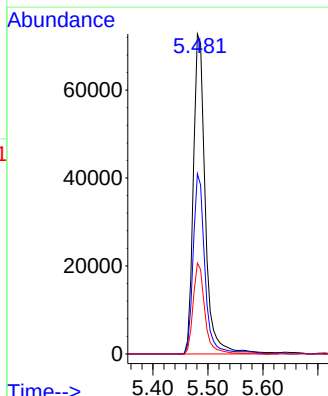
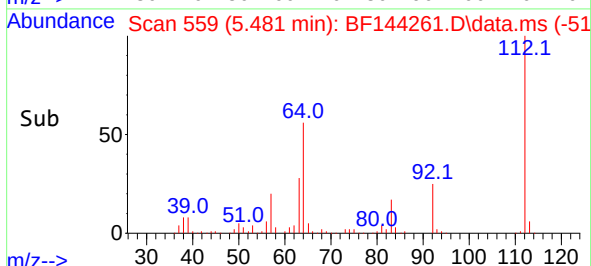
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

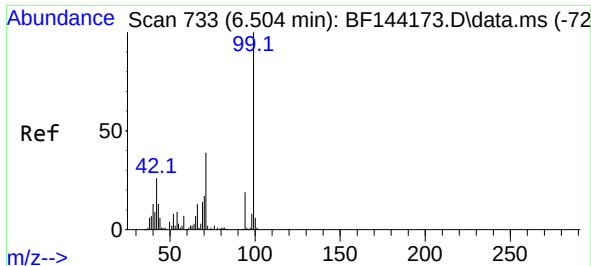


#5
2-Fluorophenol
Concen: 38.972 ng
RT: 5.481 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15



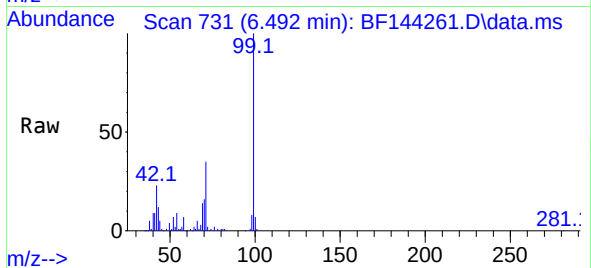
Tgt Ion:112 Resp: 110032
Ion Ratio Lower Upper
112 100
64 56.3 47.2 70.8
63 28.4 24.4 36.6





#7
Phenol-d6
Concen: 36.193 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

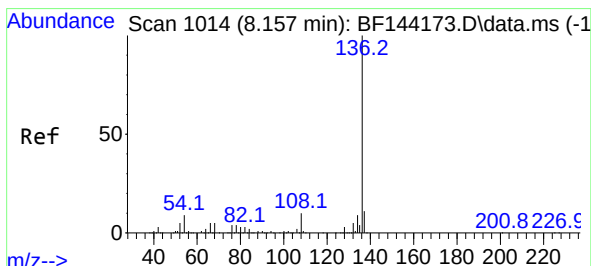
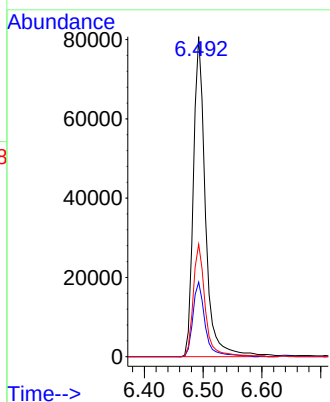
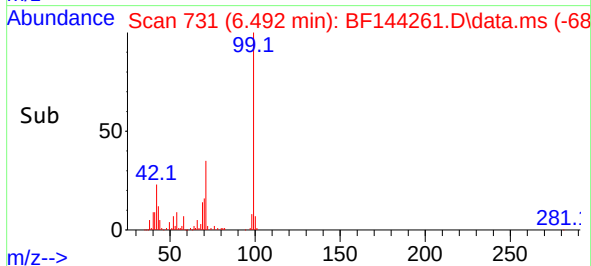
Instrument :
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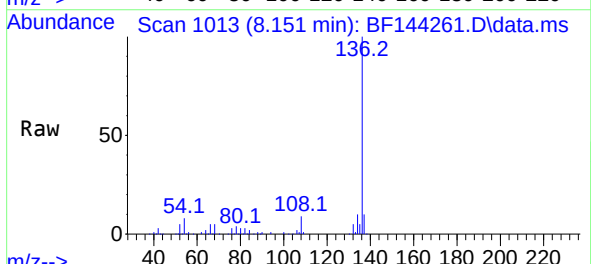
Tgt Ion: 99 Resp: 115784
Ion Ratio Lower Upper
99 100
42 23.3 20.9 31.3
71 35.2 31.4 47.2

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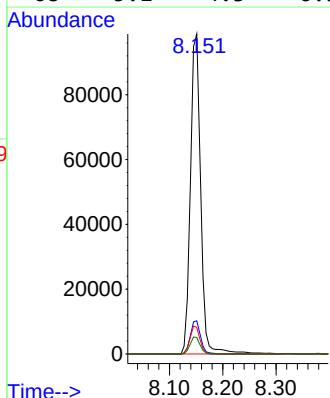
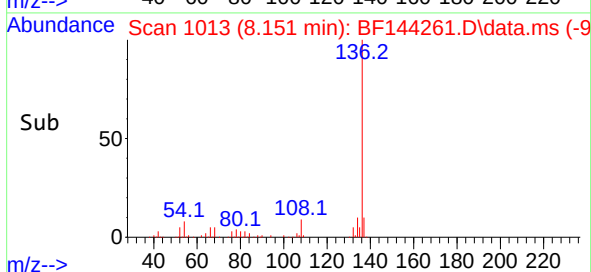
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

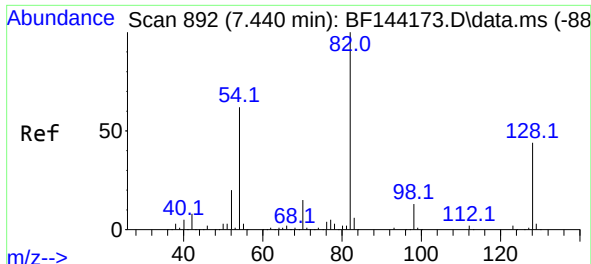


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15



Tgt Ion:136 Resp: 132691
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.3 7.0 10.6
68 5.1 4.3 6.5





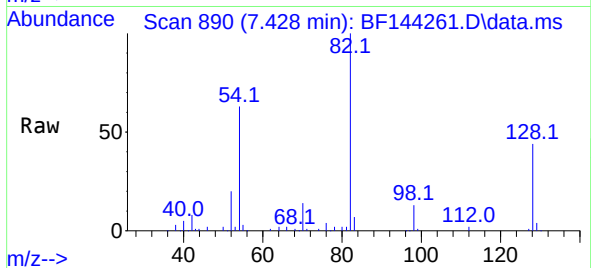
#23
Nitrobenzene-d5
Concen: 28.565 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

Instrument :

BNA_F

ClientSampleId :

ETGI-369

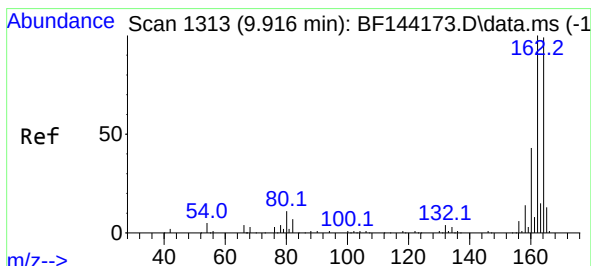
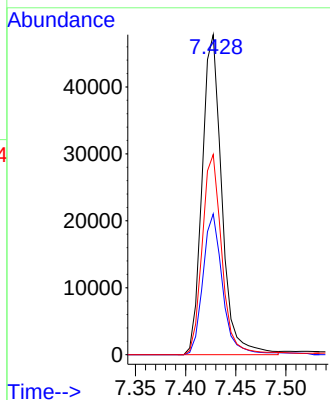
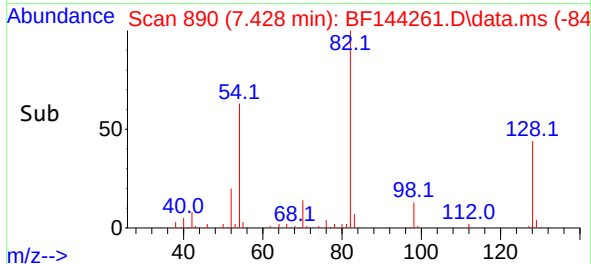


Tgt Ion: 82 Resp: 65628
Ion Ratio Lower Upper
82 100
128 44.0 34.7 52.1
54 62.6 49.5 74.3

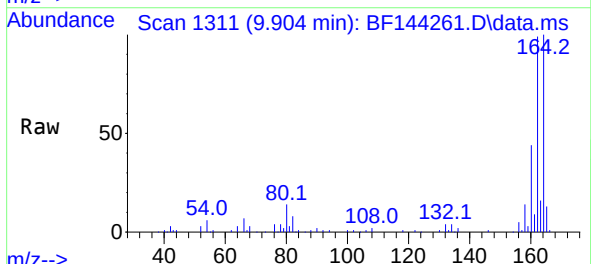
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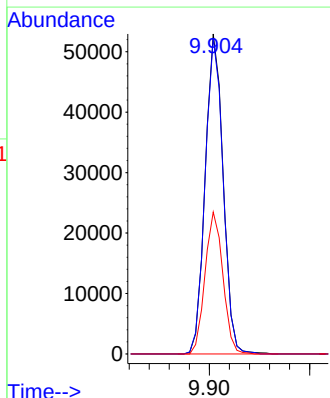
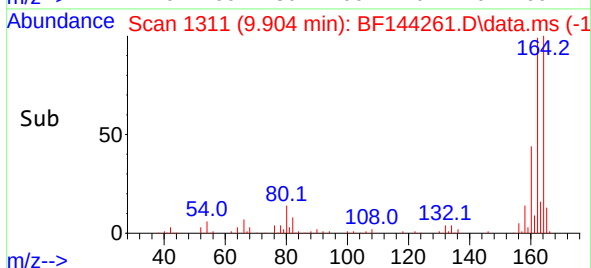
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

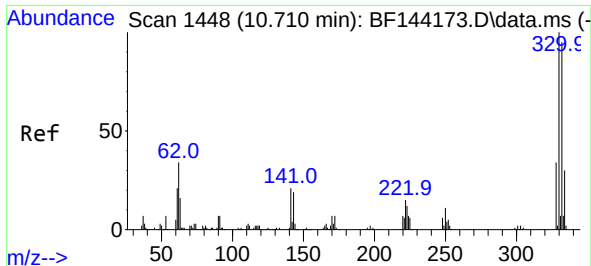


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15



Tgt Ion:164 Resp: 65707
Ion Ratio Lower Upper
164 100
162 98.7 81.1 121.7
160 44.3 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 41.170 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

Instrument :

BNA_F

ClientSampleId :

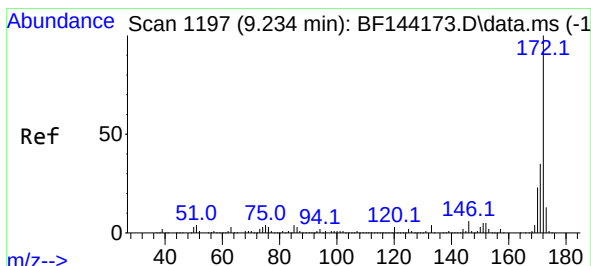
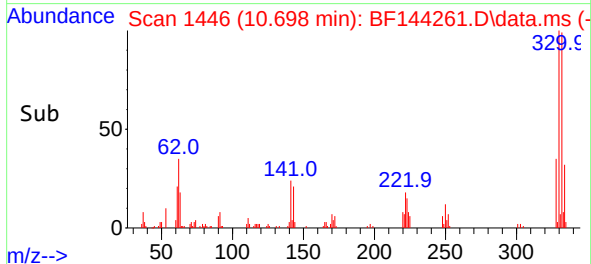
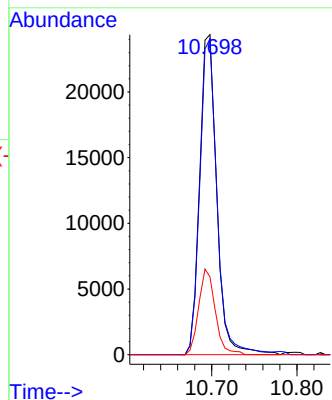
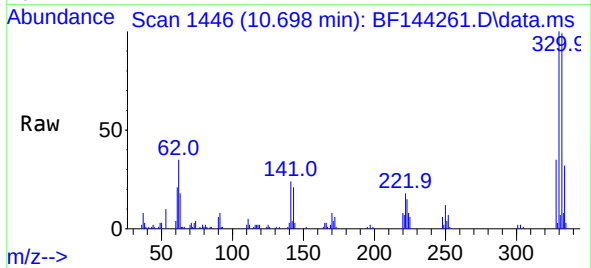
ETGI-369

Tgt Ion:330 Resp: 3394
Ion Ratio Lower Upper
330 100
332 98.9 76.7 115.1
141 25.9 17.8 26.8

Manual Integrations

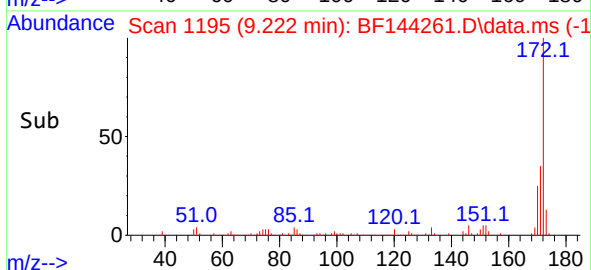
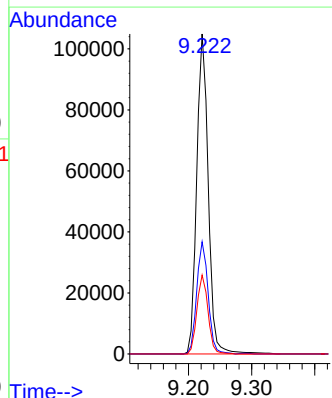
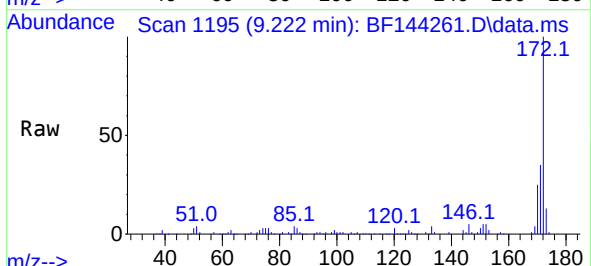
APPROVED

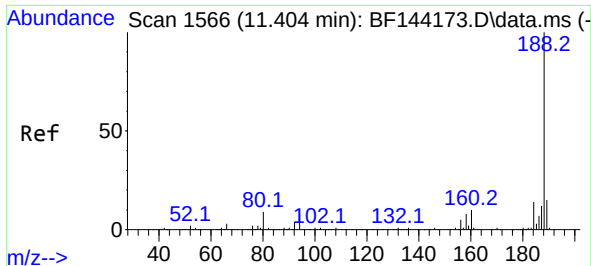
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#45
2-Fluorobiphenyl
Concen: 29.875 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

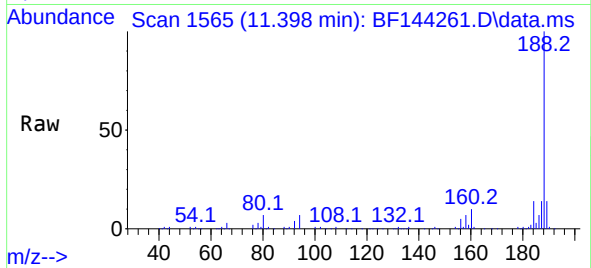
Tgt Ion:172 Resp: 132910
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 24.6 18.6 28.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

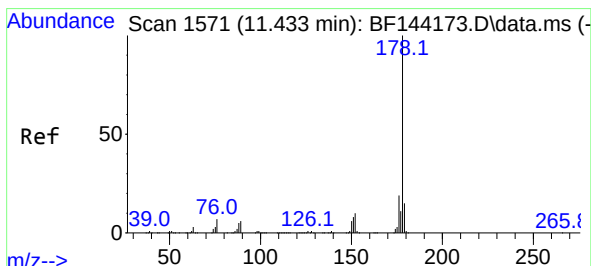
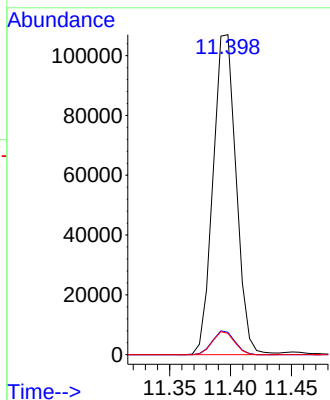
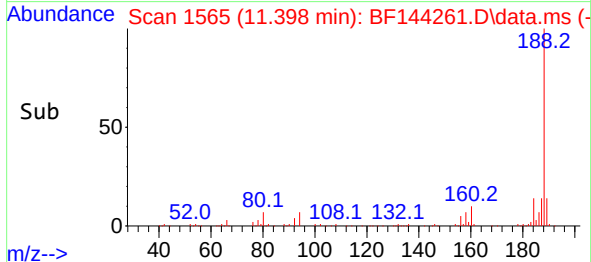
Instrument :
BNA_F
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ETGI-369



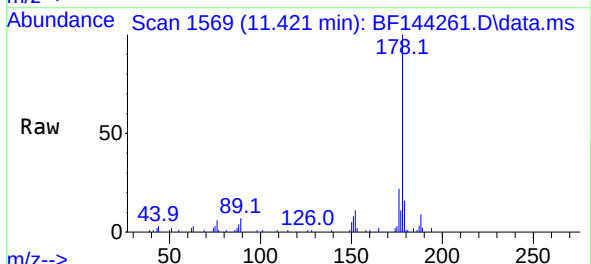
Tgt Ion:188 Resp: 141568
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.2
80 6.7 6.9 10.3

Manual Integrations
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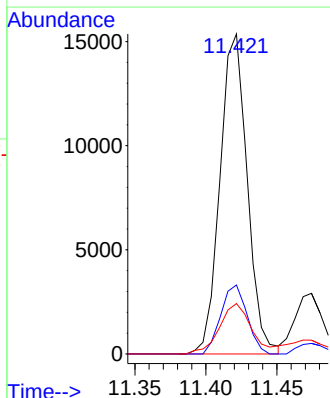
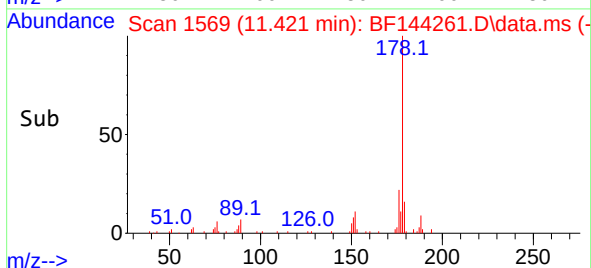
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Supervised By :Sohil Jodhani 11/17/2025

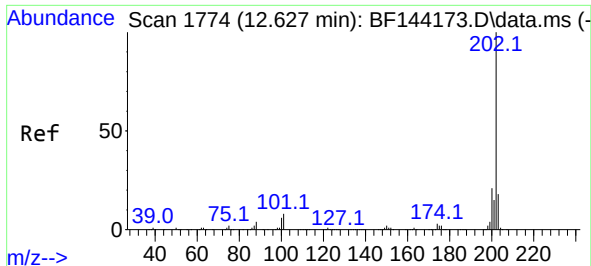


#71
Phenanthrene
Concen: 2.910 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15



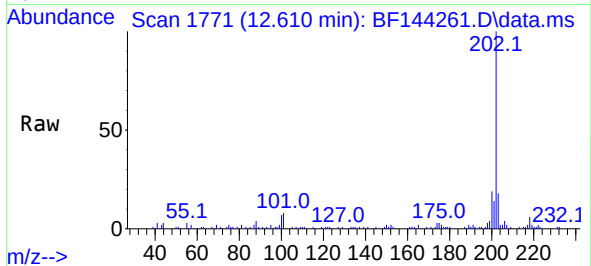
Tgt Ion:178 Resp: 20508
Ion Ratio Lower Upper
178 100
176 21.5 15.5 23.3
179 15.8 12.2 18.4





#75
Fluoranthene
Concen: 4.554 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

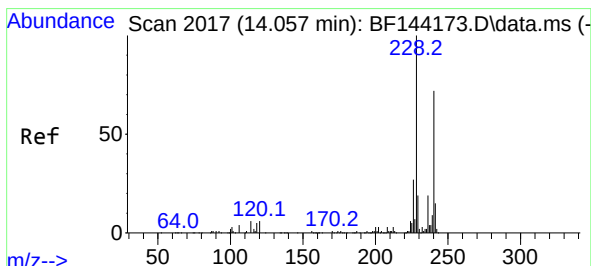
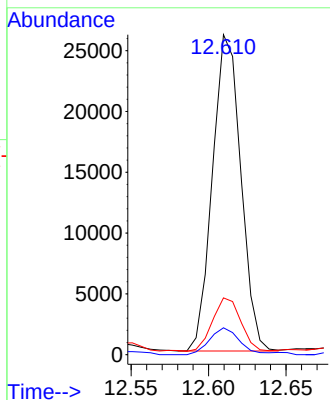
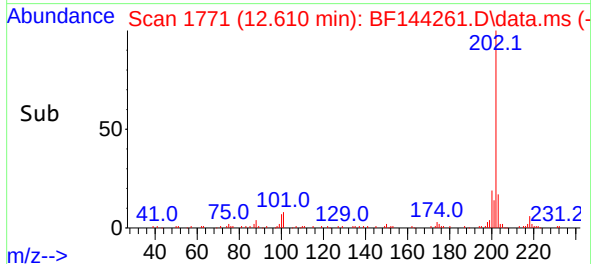
Instrument :
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ETGI-369



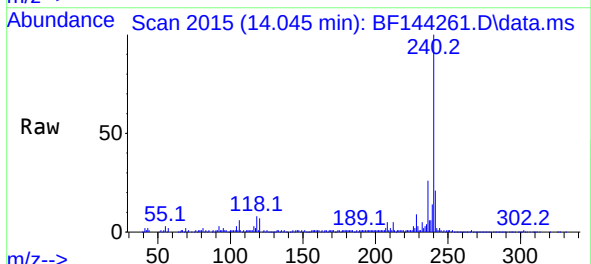
Tgt Ion:202 Resp: 33160
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.9
203 17.8 0.0 37.5

Manual Integrations
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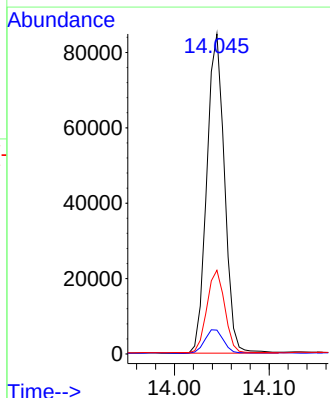
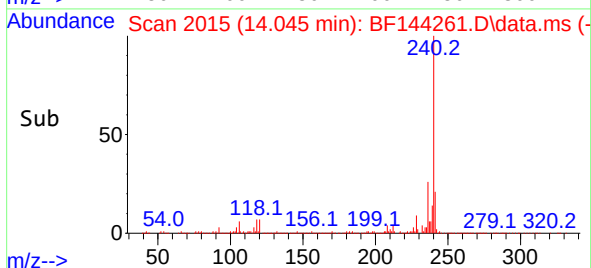
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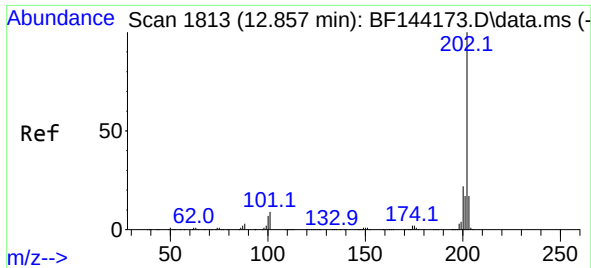


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15



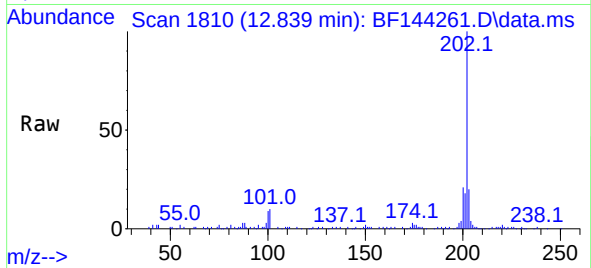
Tgt Ion:240 Resp: 109889
Ion Ratio Lower Upper
240 100
120 7.5 6.6 10.0
236 26.2 21.4 32.2





#78
 Pyrene
 Concen: 6.161 ng
 RT: 12.839 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF144261.D
 Acq: 14 Nov 2025 14:15

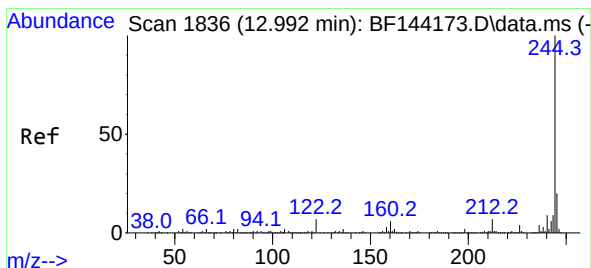
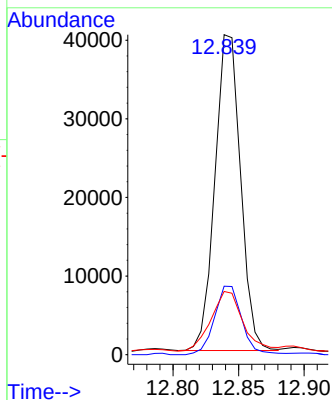
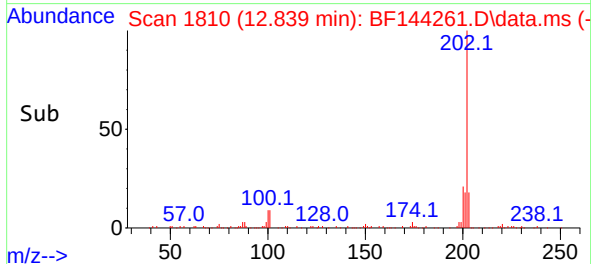
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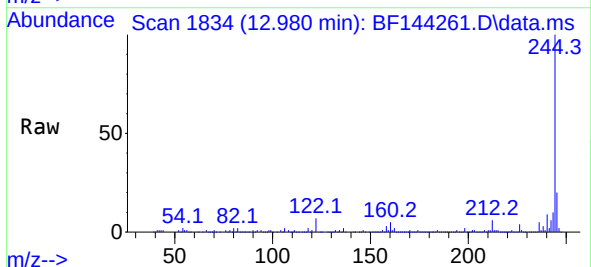
Tgt Ion:202 Resp: 5459
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.2 25.8
 203 19.8 13.7 20.5

Manual Integrations
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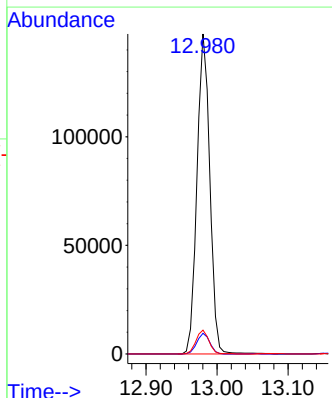
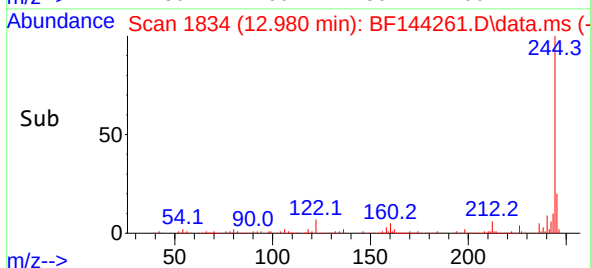
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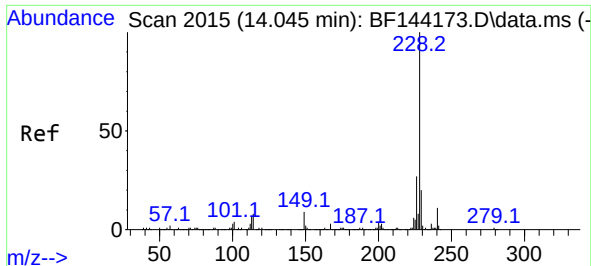


#79
 Terphenyl-d14
 Concen: 26.804 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144261.D
 Acq: 14 Nov 2025 14:15



Tgt Ion:244 Resp: 185434
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 7.5 5.6 8.4





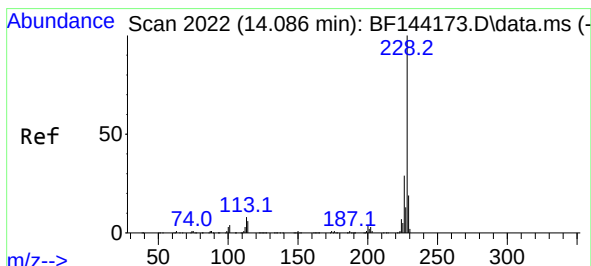
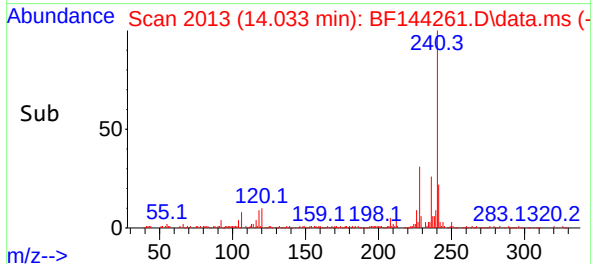
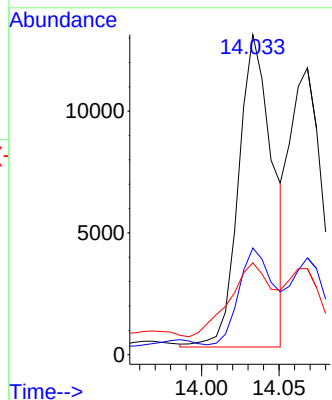
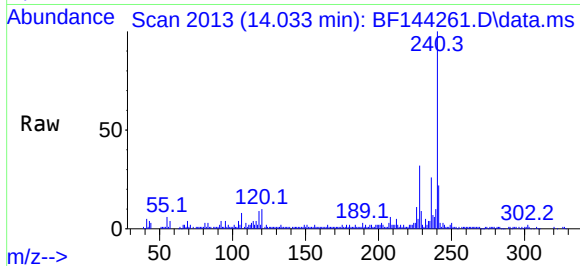
#81
Benzo(a)anthracene
Concen: 2.564 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

Instrument :
BNA_F
ClientSampleId :
ETGI-369

Tgt Ion:228 Resp: 1953
Ion Ratio Lower Upper
228 100
226 33.4 21.8 32.8
229 28.7 15.8 23.6

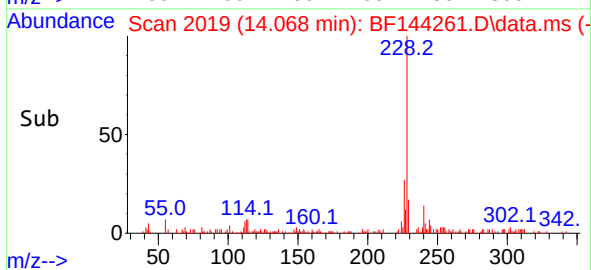
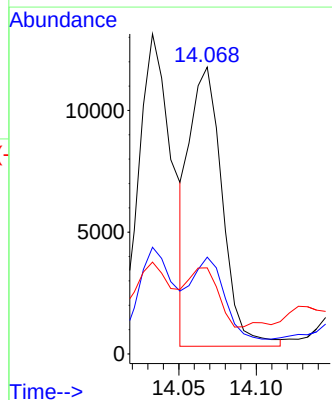
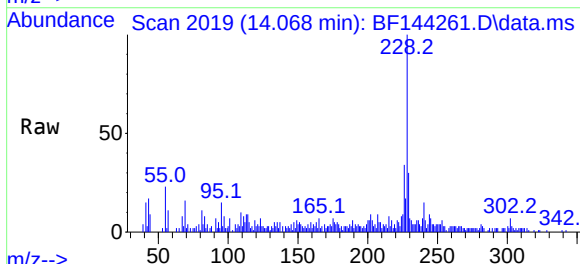
Manual Integrations
APPROVED

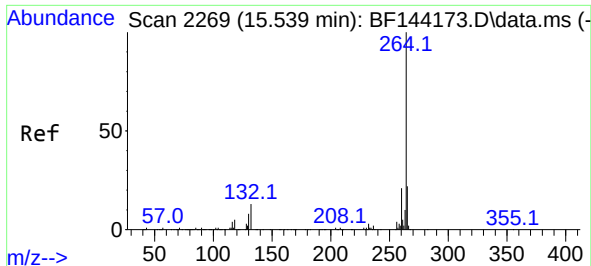
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#83
Chrysene
Concen: 2.400 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

Tgt Ion:228 Resp: 16877
Ion Ratio Lower Upper
228 100
226 33.7 22.9 34.3
229 30.0 15.0 22.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

Instrument :

BNA_F

ClientSampleId :

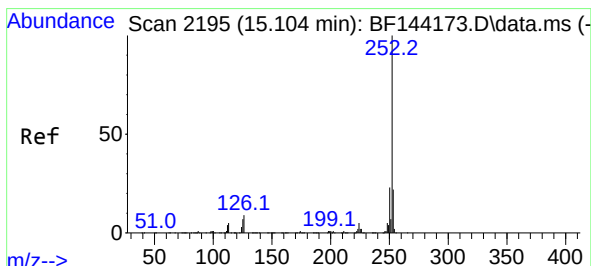
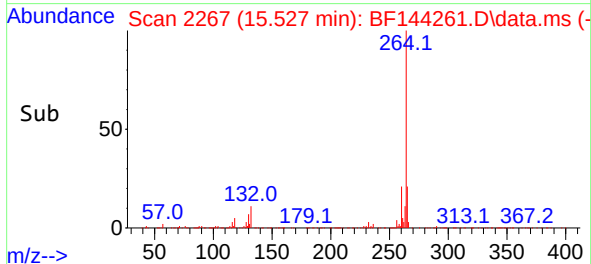
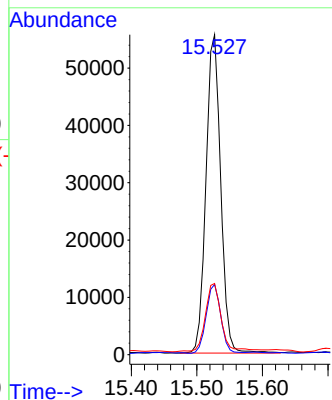
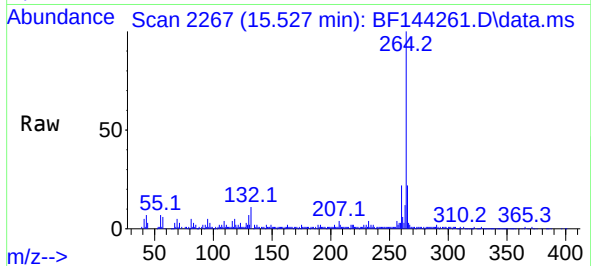
ETGI-369

Tgt Ion:264 Resp: 8702
Ion Ratio Lower Upper
264 100
260 22.0 17.1 25.7
265 22.3 17.4 26.0

Manual Integrations

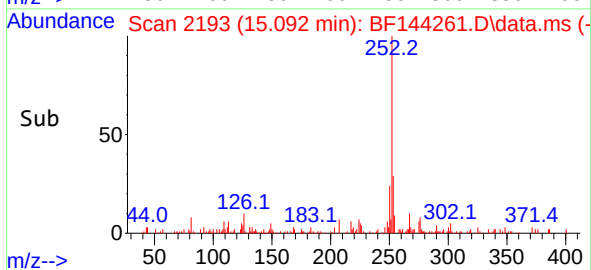
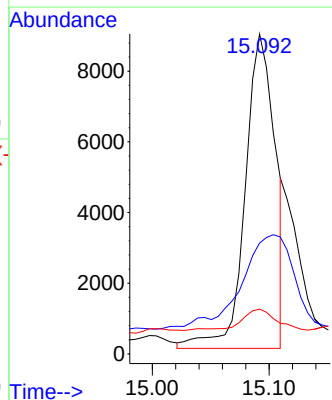
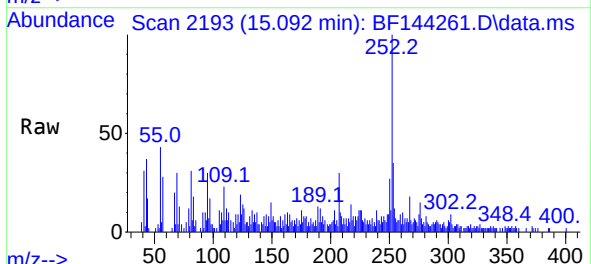
APPROVED

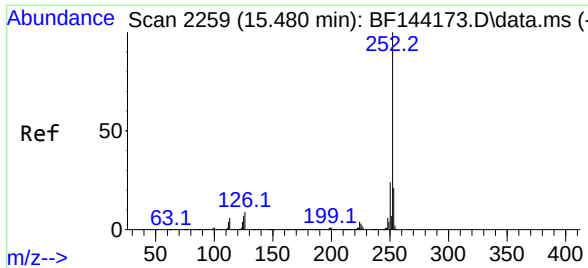
Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#88
Benzo(b)fluoranthene
Concen: 3.217 ng m
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

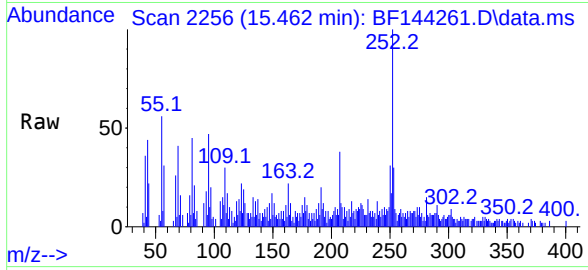
Tgt Ion:252 Resp: 15916
Ion Ratio Lower Upper
252 100
253 34.7 17.4 26.2#
125 14.0 5.3 7.9#





#90
Benzo(a)pyrene
Concen: 2.155 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144261.D
Acq: 14 Nov 2025 14:15

Instrument :
BNA_F
ClientSampleId :
ETGI-369



Tgt Ion:252 Resp: 9830
Ion Ratio Lower Upper
252 100
253 30.4 16.7 25.1
125 19.3 5.7 8.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

