

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142268.D
 Acq On : 01 May 2025 18:55
 Operator : RC/JU
 Sample : Q1901-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/02/2025
 Supervised By :Jagrut Upadhyay 05/02/2025

Quant Time: May 02 01:07:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	204691	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	764165	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	363631	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	501735	20.000	ng	0.00
76) Chrysene-d12	14.069	240	437339	20.000	ng	0.00
86) Perylene-d12	15.557	264	454707	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1242920	96.976	ng	0.00
7) Phenol-d6	6.522	99	1558191	100.677	ng	0.00
23) Nitrobenzene-d5	7.463	82	887702	76.318	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	316490	95.472	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1770634	68.656	ng	0.00
79) Terphenyl-d14	13.016	244	1430017	47.556	ng	0.00
Target Compounds						
71) Phenanthrene	11.451	178	92016	3.395	ng	98
75) Fluoranthene	12.639	202	118025	4.405	ng	97
78) Pyrene	12.869	202	130978	3.247	ng	99
81) Benzo(a)anthracene	14.057	228	69181	2.356	ng	97
84) Bis(2-ethylhexyl)phtha...	14.051	149	9843	4.052	ng	97
88) Benzo(b)fluoranthene	15.116	252	68147m	2.413	ng	

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Qvalue

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

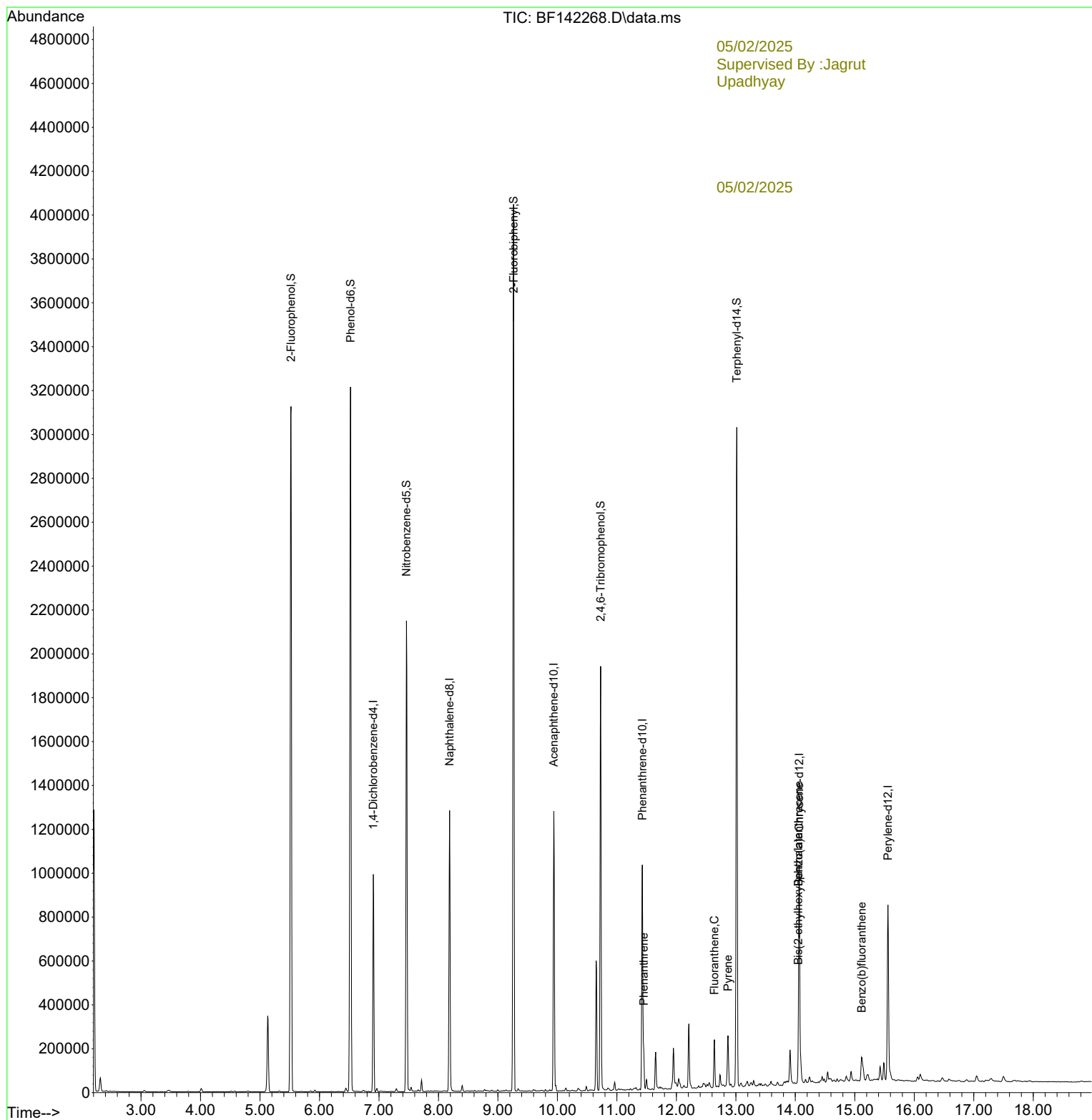
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142268.D
Acq On : 01 May 2025 18:55
Operator : RC/JU
Sample : Q1901-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

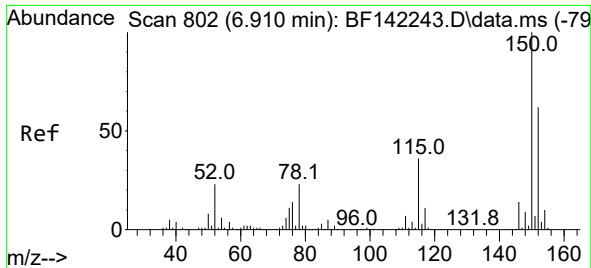
Instrument :
BNA_F
ClientSampleId :
B-167-SB01

Quant Time: May 02 01:07:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

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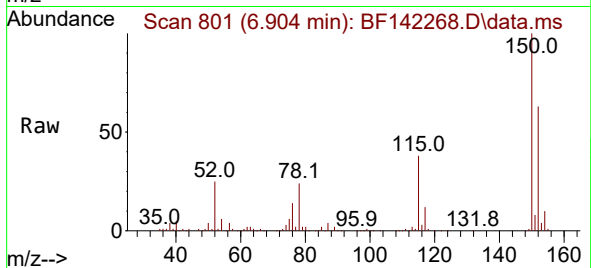
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01



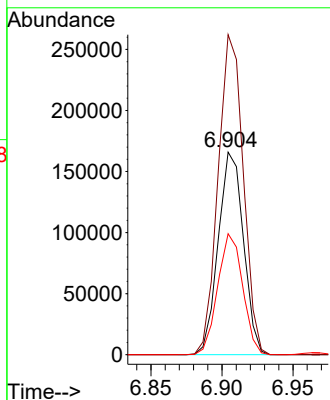
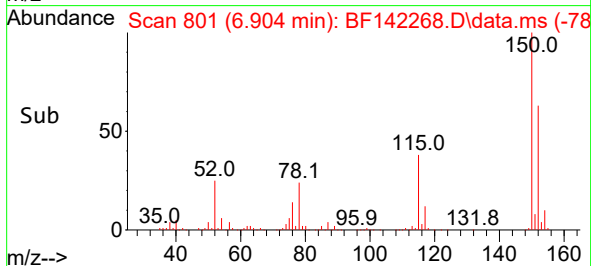
Tgt Ion:152 Resp: 20469
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 59.7 47.0 70.4

Manual Integrations

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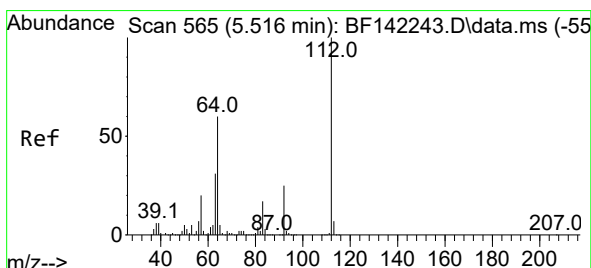
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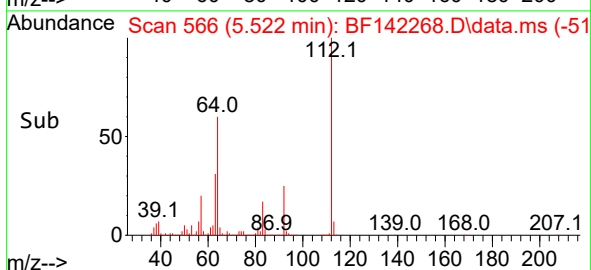
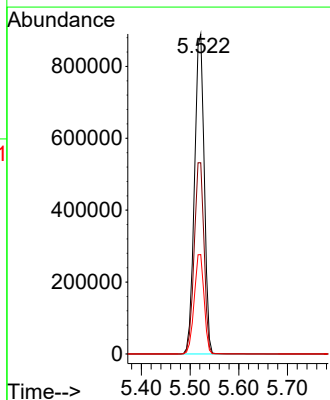
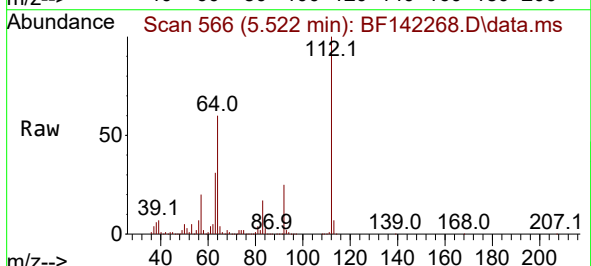
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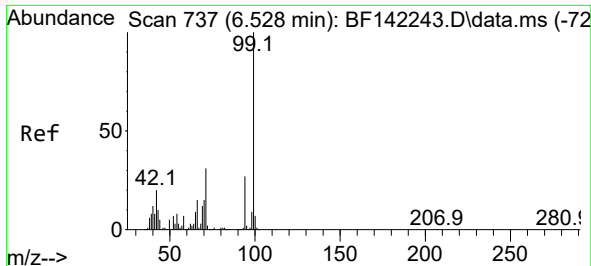
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#5
2-Fluorophenol
Concen: 96.976 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55

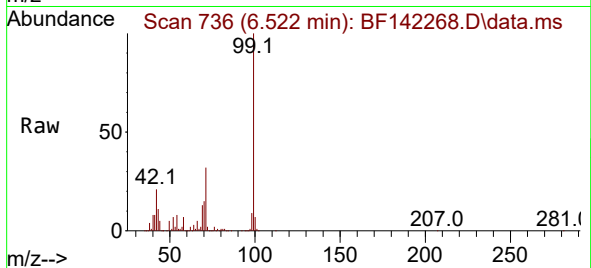
Tgt Ion:112 Resp: 1242920
Ion Ratio Lower Upper
112 100
64 59.8 48.4 72.6
63 31.0 24.8 37.2





#7
Phenol-d6
Concen: 100.677 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55

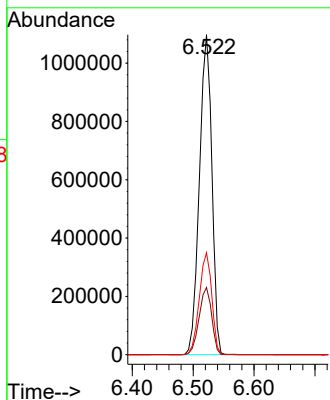
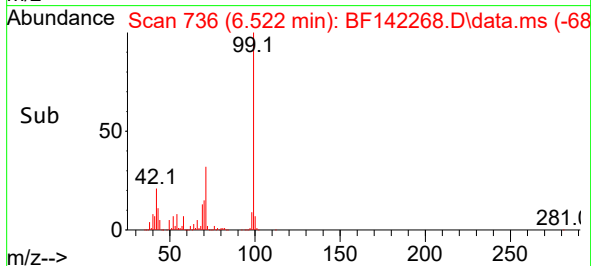
Instrument :
BNA_F
ClientSampleId :
B-167-SB01



Tgt Ion: 99 Resp: 155819
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 31.9 25.0 37.4

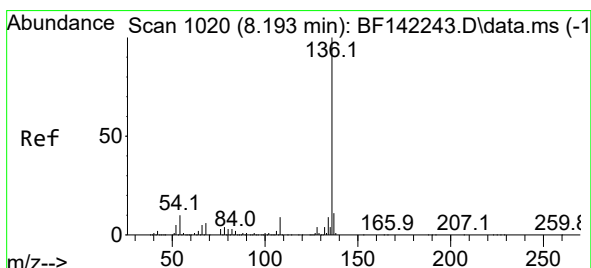
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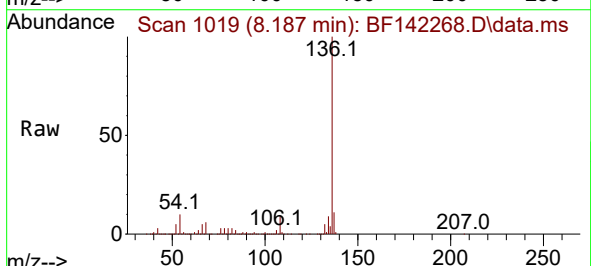


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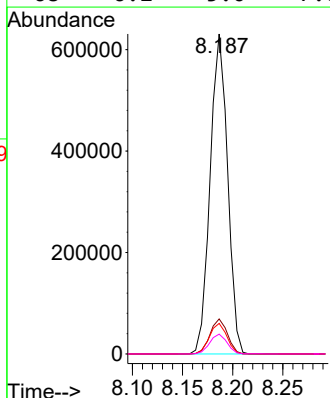
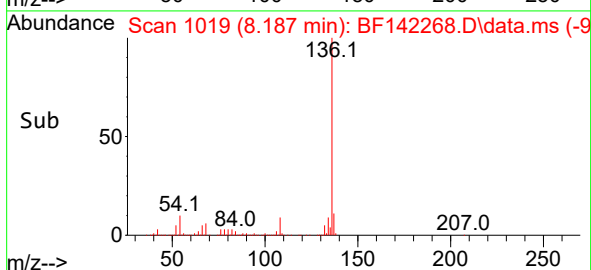
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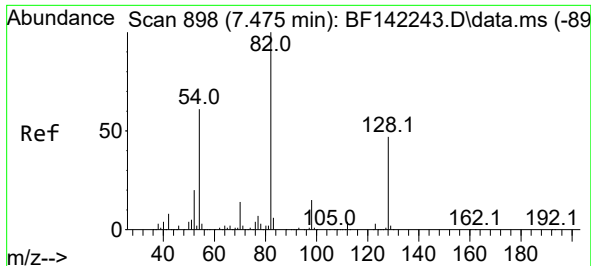


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55



Tgt Ion:136 Resp: 764165
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.5 7.7 11.5
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 76.318 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142268.D

Acq: 01 May 2025 18:55

Instrument :

BNA_F

ClientSampleId :

B-167-SB01

Tgt Ion: 82 Resp: 88770

Ion Ratio Lower Upper

82 100

128 46.0 37.0 55.6

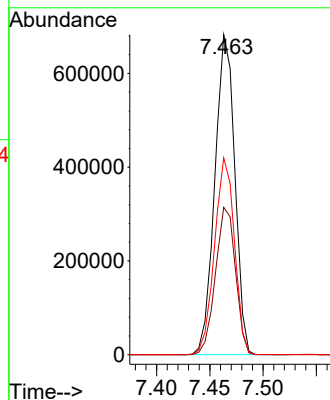
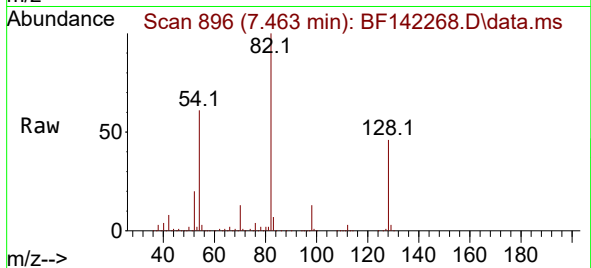
54 61.5 48.0 72.0

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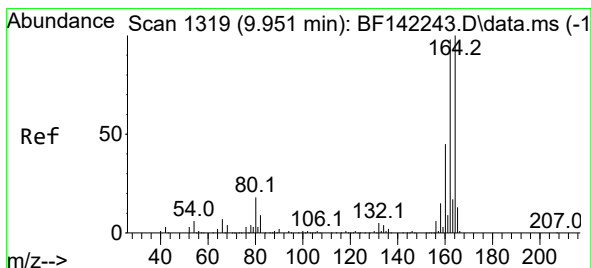
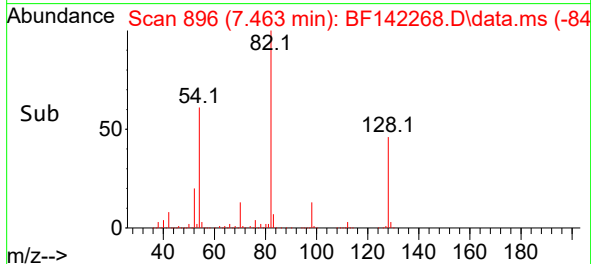
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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142268.D

Acq: 01 May 2025 18:55

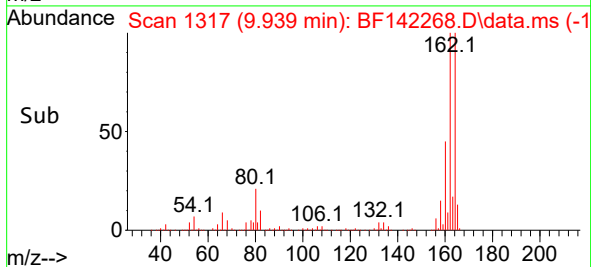
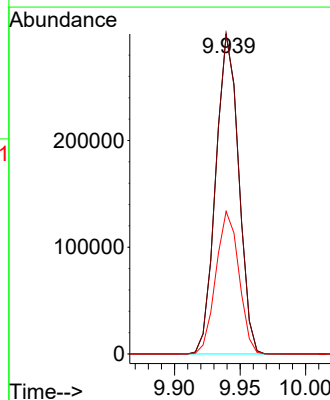
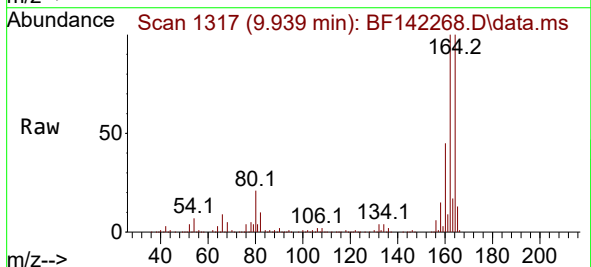
Tgt Ion:164 Resp: 363631

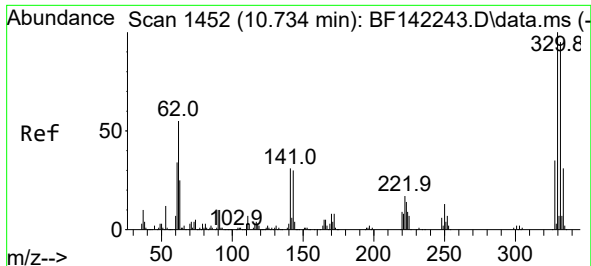
Ion Ratio Lower Upper

164 100

162 99.9 78.6 117.8

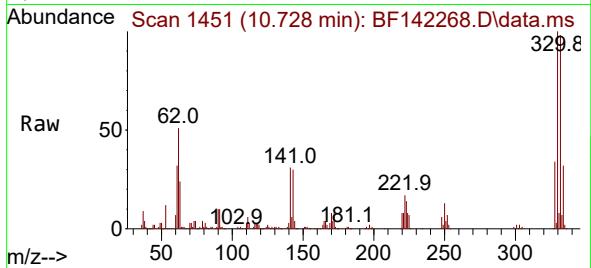
160 44.6 35.7 53.5





#42
2,4,6-Tribromophenol
Concen: 95.472 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55

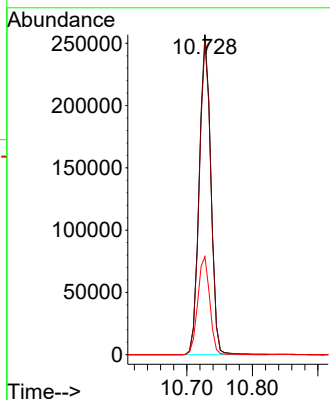
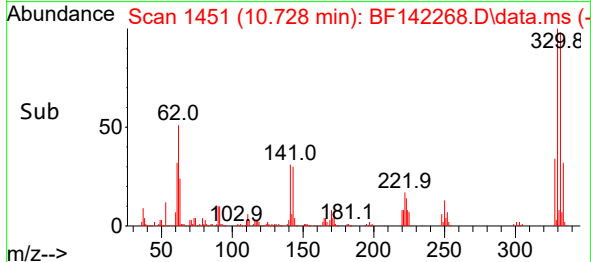
Instrument :
BNA_F
ClientSampleId :
B-167-SB01



Tgt Ion: 330 Resp: 316490
Ion Ratio Lower Upper
330 100
332 97.9 76.5 114.7
141 31.6 24.3 36.5

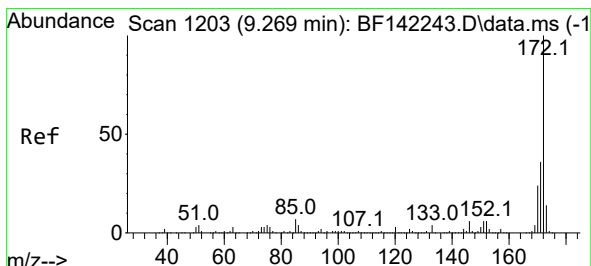
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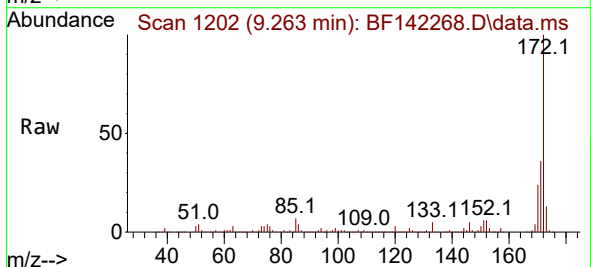


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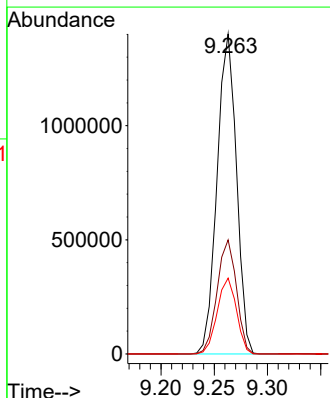
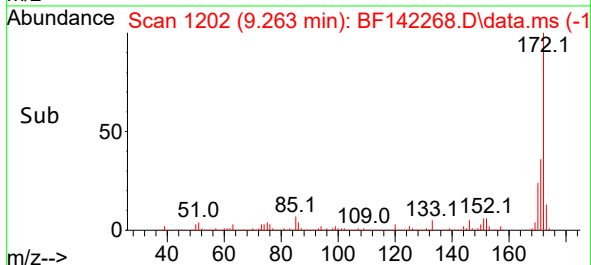
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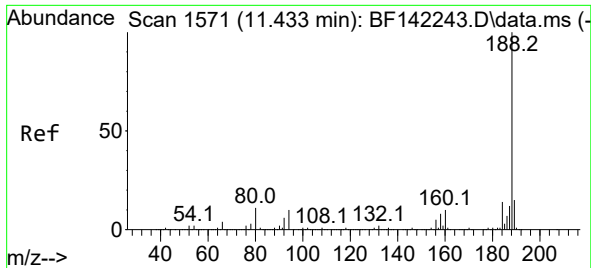


#45
2-Fluorobiphenyl
Concen: 68.656 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55



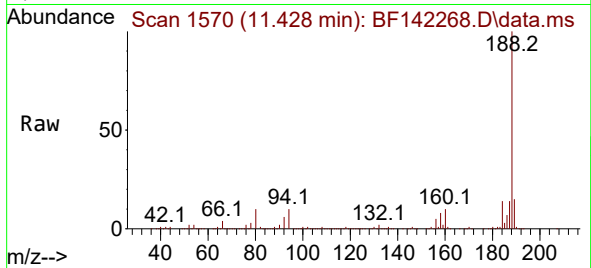
Tgt Ion: 172 Resp: 1770634
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.7 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55

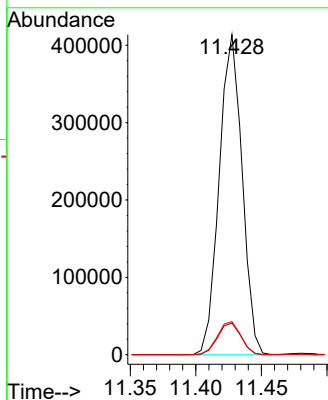
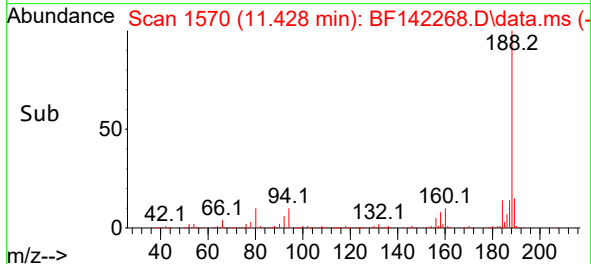
Instrument :
BNA_F
ClientSampleId :
B-167-SB01



Tgt Ion:188 Resp: 501735
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.4 8.6 12.8

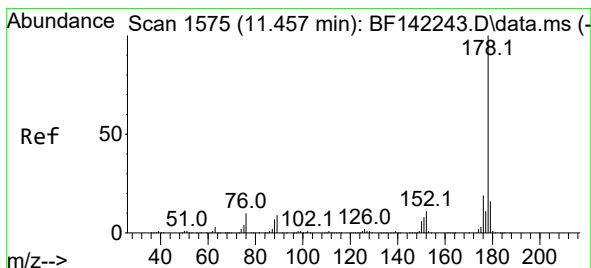
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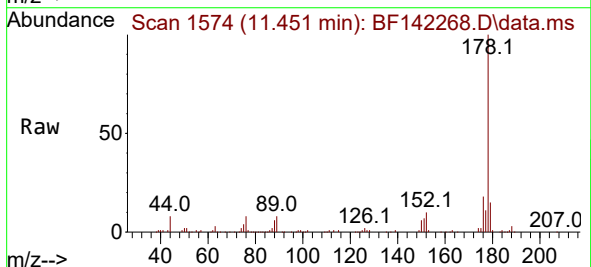


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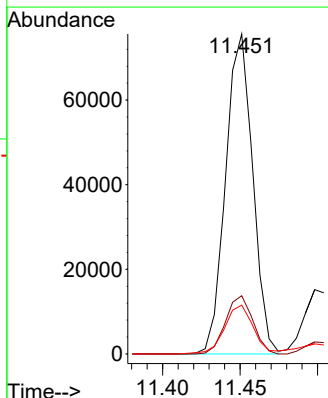
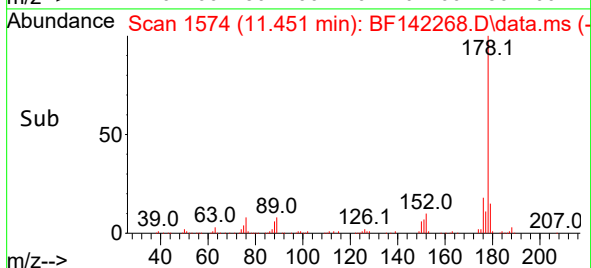
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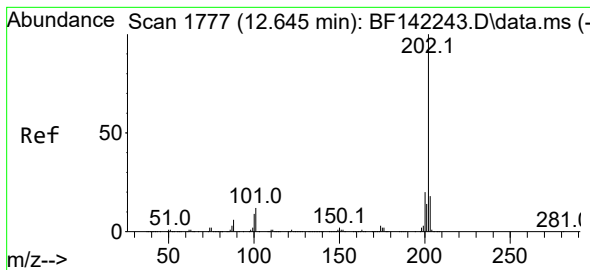


#71
Phenanthrene
Concen: 3.395 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55



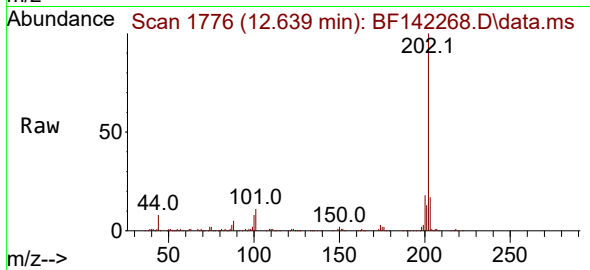
Tgt Ion:178 Resp: 92016
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 15.2 12.6 19.0





#75
Fluoranthene
Concen: 4.405 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55

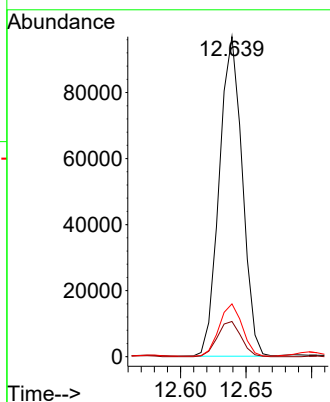
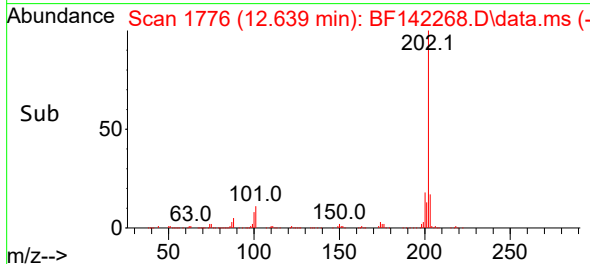
Instrument :
BNA_F
ClientSampleId :
B-167-SB01



Tgt Ion:202 Resp: 11802
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.4
203 16.5 0.0 37.5

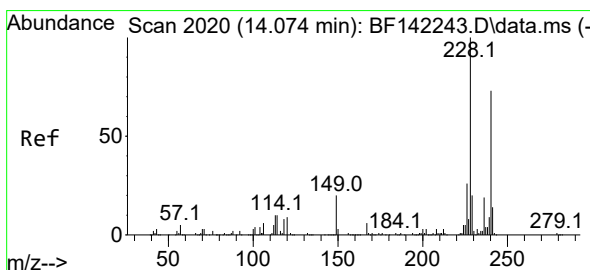
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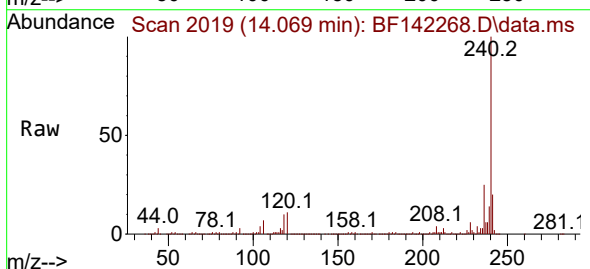


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Upadhyay

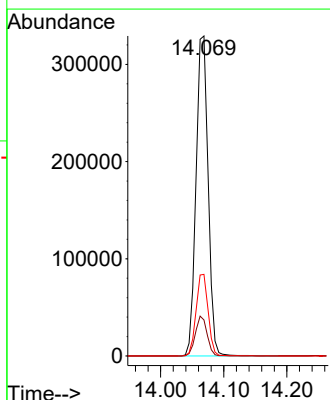
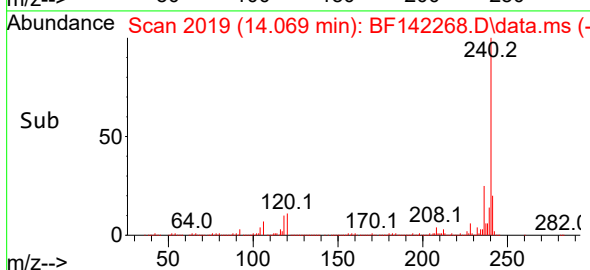
05/02/2025

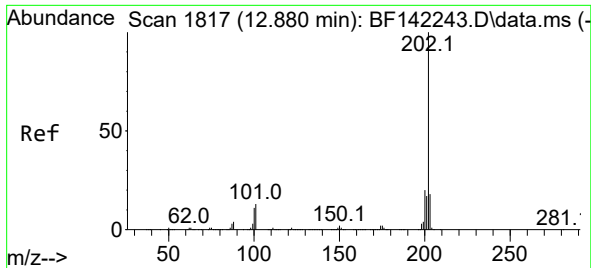


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55



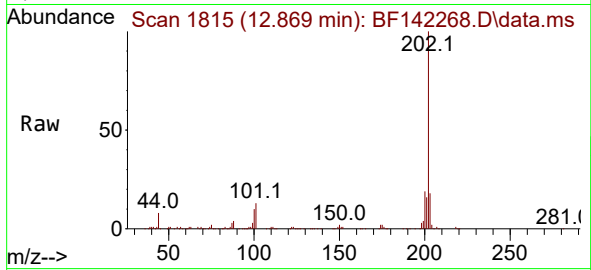
Tgt Ion:240 Resp: 437339
Ion Ratio Lower Upper
240 100
120 11.2 10.1 15.1
236 25.5 20.5 30.7





#78
Pyrene
Concen: 3.247 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55

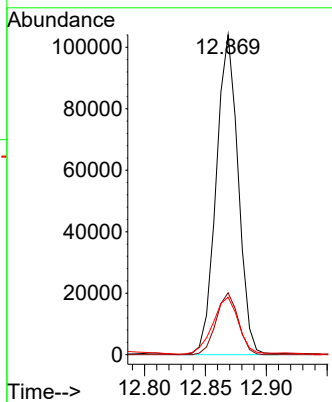
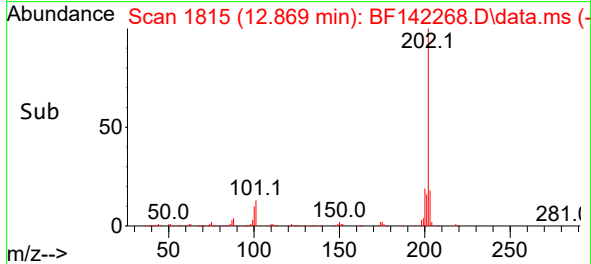
Instrument :
BNA_F
ClientSampleId :
B-167-SB01



Tgt Ion:202 Resp: 130978
Ion Ratio Lower Upper
202 100
200 19.3 16.1 24.1
203 18.0 14.1 21.1

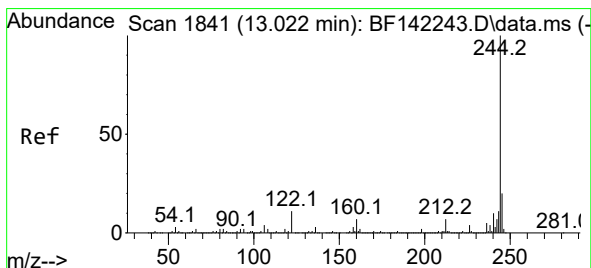
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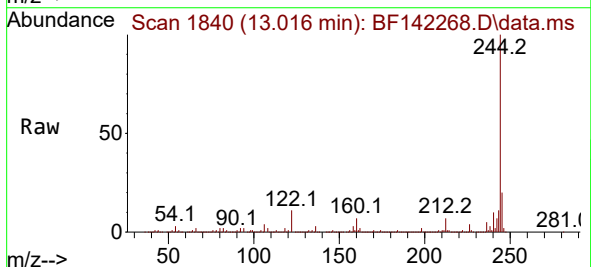


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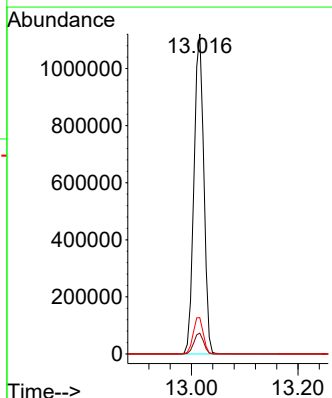
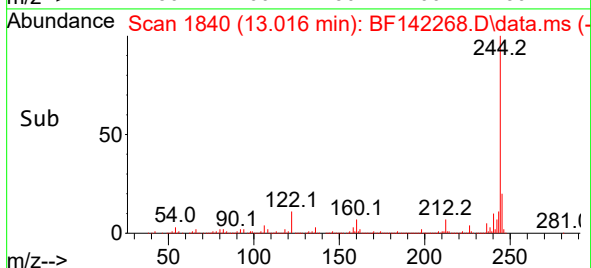
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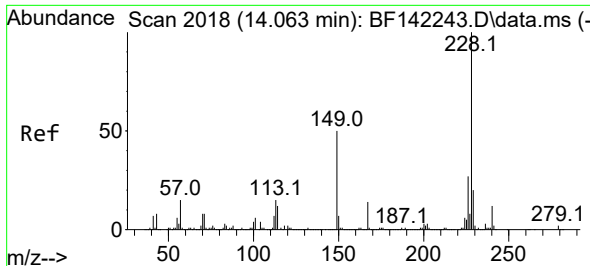


#79
Terphenyl-d14
Concen: 47.556 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55



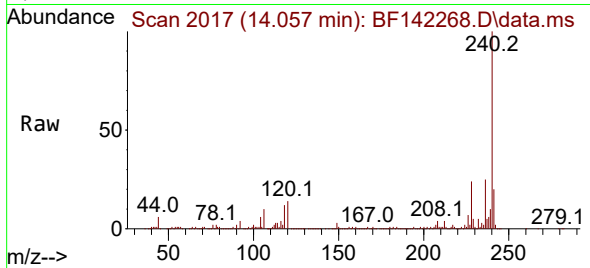
Tgt Ion:244 Resp: 1430017
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 11.3 9.1 13.7





#81
Benzo(a)anthracene
Concen: 2.356 ng
RT: 14.057 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55

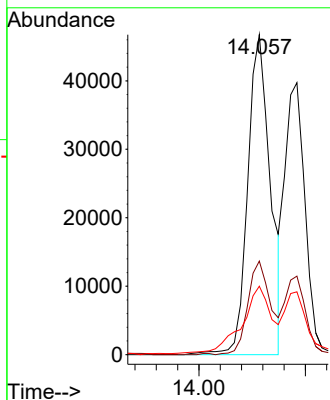
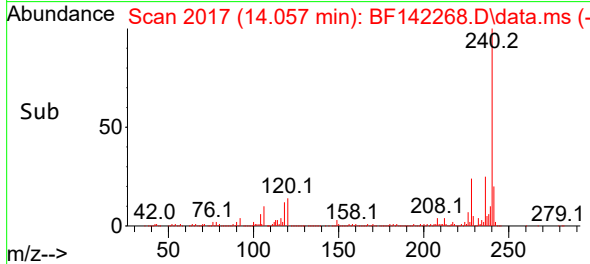
Instrument :
BNA_F
ClientSampleId :
B-167-SB01



Tgt Ion:228 Resp: 6918
Ion Ratio Lower Upper
228 100
226 29.2 21.9 32.9
229 21.4 16.0 24.0

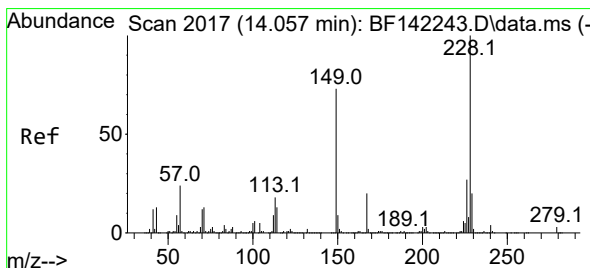
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



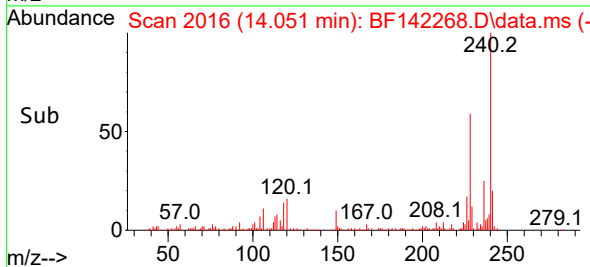
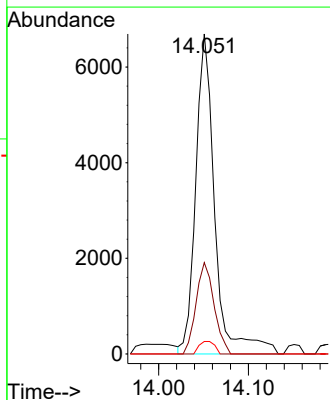
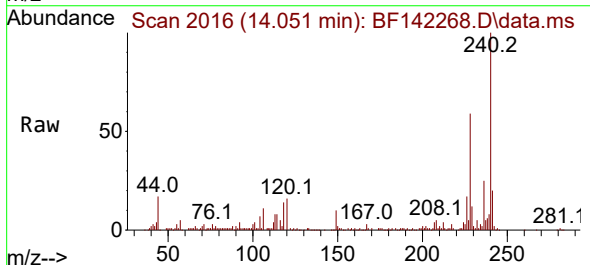
05/02/2025
Supervised By :Jagrut
Upadhyay

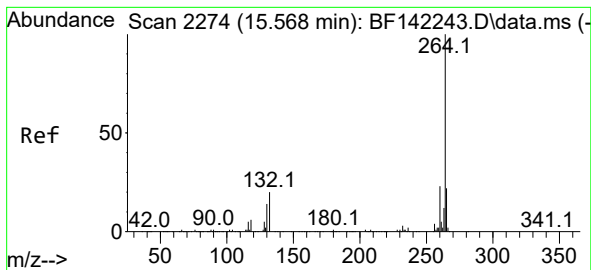
05/02/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.052 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55

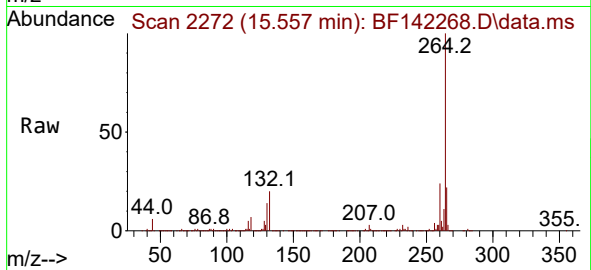
Tgt Ion:149 Resp: 9843
Ion Ratio Lower Upper
149 100
167 28.6 21.7 32.5
279 3.9 3.0 4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55

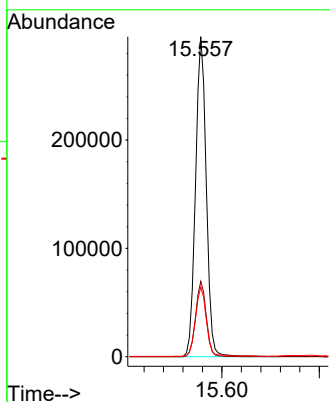
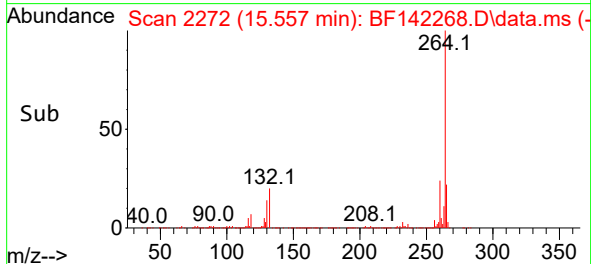
Instrument :
BNA_F
ClientSampleId :
B-167-SB01



Tgt Ion:264 Resp: 45470
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.8 17.3 25.9

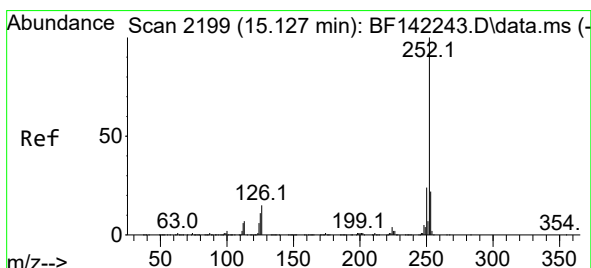
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

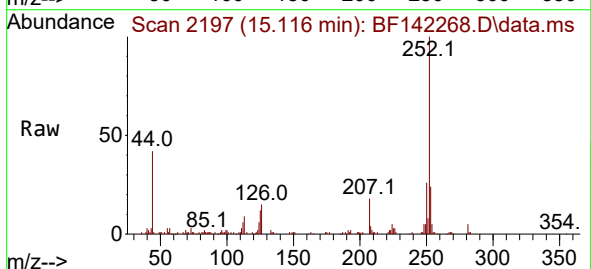


05/02/2025
Supervised By :Jagrut
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05/02/2025



#88
Benzo(b)fluoranthene
Concen: 2.413 ng m
RT: 15.116 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF142268.D
Acq: 01 May 2025 18:55



Tgt Ion:252 Resp: 68147
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 12.0 9.0 13.4

