

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142613.D
 Acq On : 04 Jun 2025 18:18
 Operator : RC/JU
 Sample : Q2173-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-400-CF-402B-COMP-23

Quant Time: Jun 04 18:43:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	121906	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	452909	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	225259	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	316248	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	220763	20.000	ng	-0.01
86) Perylene-d12	15.557	264	275706	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	706902	97.695	ng	0.00
7) Phenol-d6	6.522	99	748163	85.895	ng	-0.01
23) Nitrobenzene-d5	7.457	82	655007	78.861	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	238869	95.544	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1286765	76.652	ng	-0.02
79) Terphenyl-d14	13.010	244	952538	58.963	ng	0.00

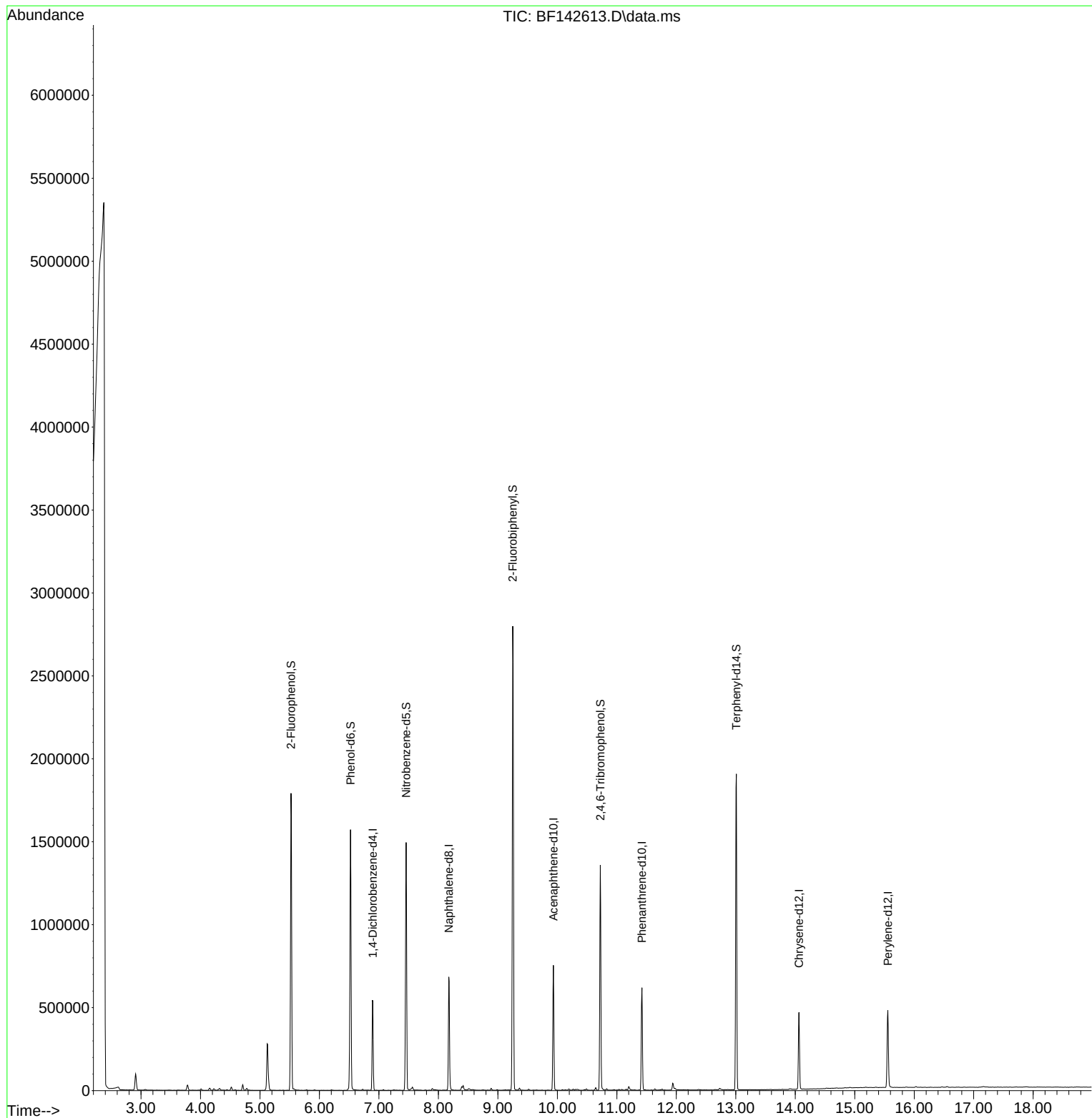
Target Compounds	Qvalue

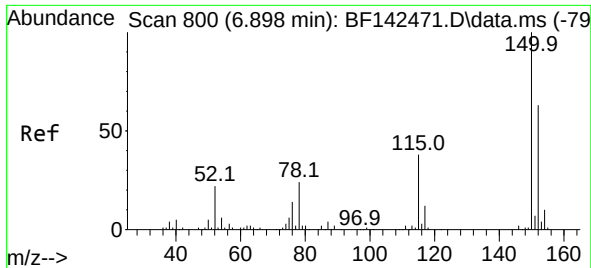
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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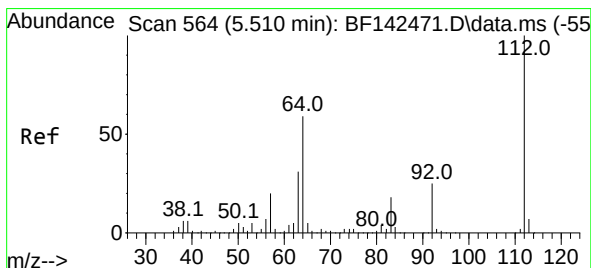
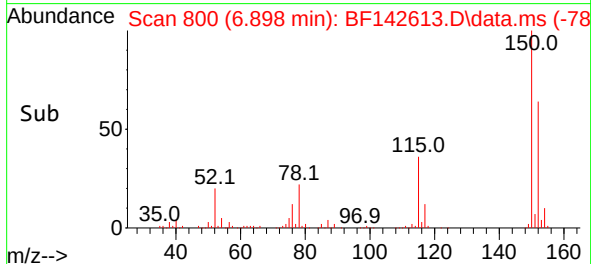
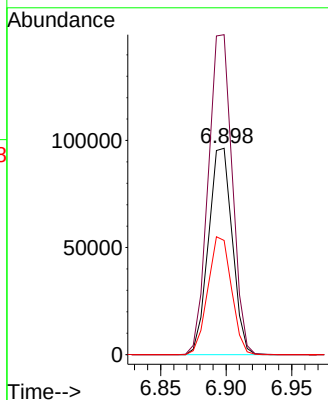
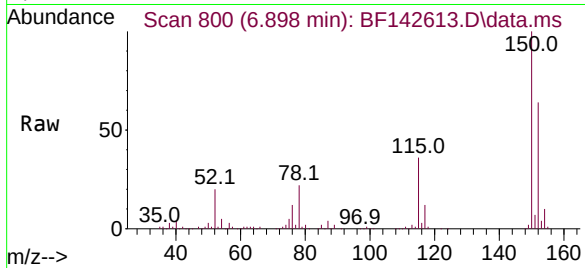




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142613.D
Acq: 04 Jun 2025 18:18

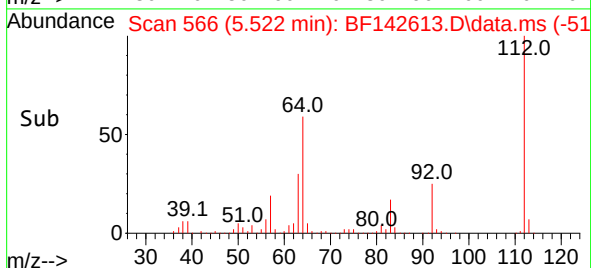
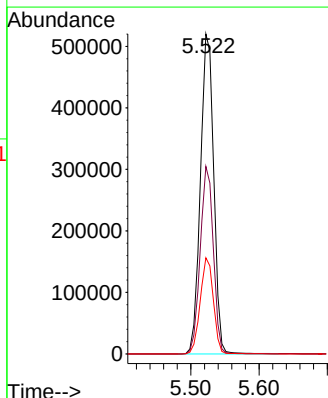
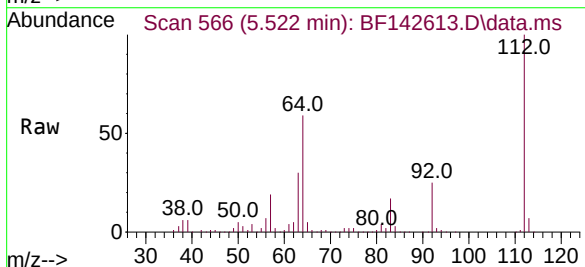
Instrument :
BNA_F
ClientSampleId :
OR-400-CF-402B-COMP-23

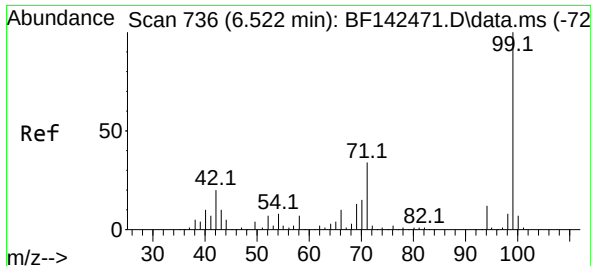
Tgt Ion:152 Resp: 121906
Ion Ratio Lower Upper
152 100
150 155.1 128.2 192.4
115 55.3 48.3 72.5



#5
2-Fluorophenol
Concen: 97.695 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142613.D
Acq: 04 Jun 2025 18:18

Tgt Ion:112 Resp: 706902
Ion Ratio Lower Upper
112 100
64 58.6 47.5 71.3
63 30.0 24.9 37.3

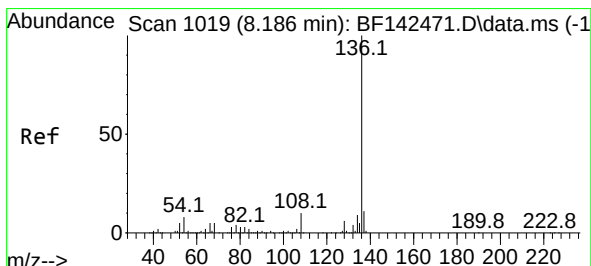
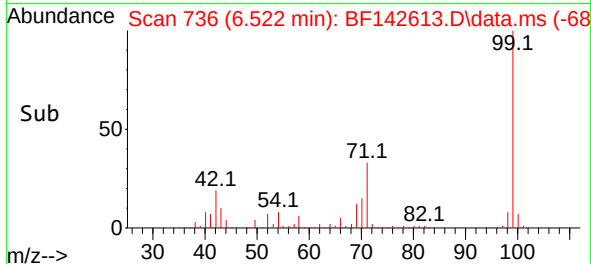
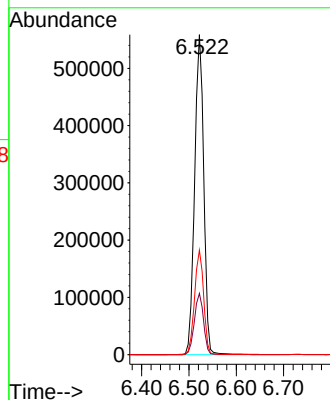
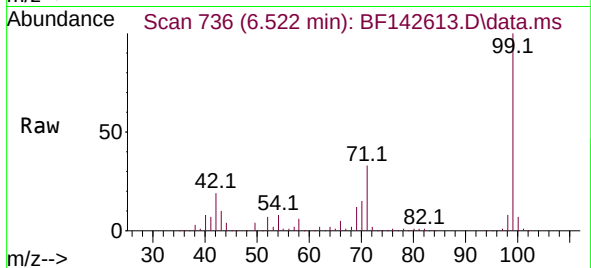




#7
Phenol-d6
Concen: 85.895 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142613.D
Acq: 04 Jun 2025 18:18

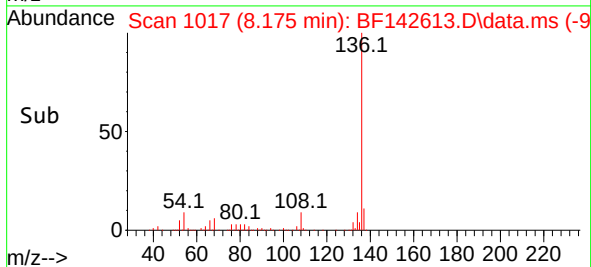
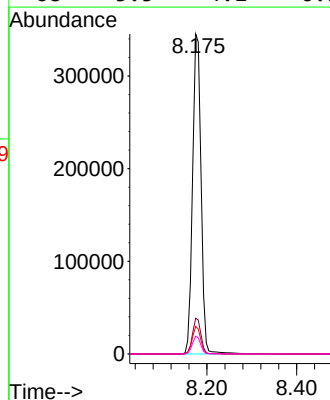
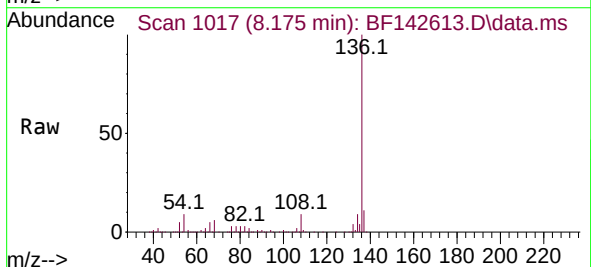
Instrument :
BNA_F
ClientSampleId :
OR-400-CF-402B-COMP-23

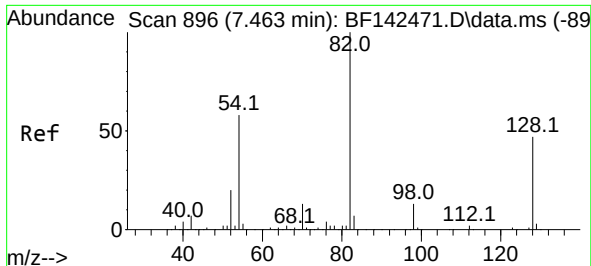
Tgt Ion: 99 Resp: 748163
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.2
71 32.6 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142613.D
Acq: 04 Jun 2025 18:18

Tgt Ion: 136 Resp: 452909
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 6.6 10.0
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 78.861 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142613.D

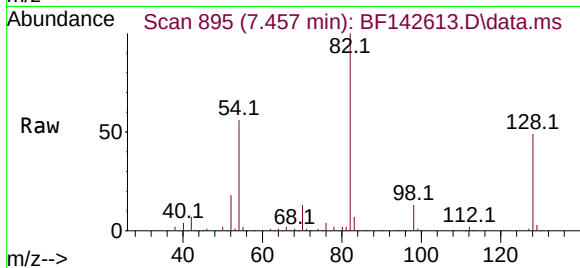
Acq: 04 Jun 2025 18:18

Instrument :

BNA_F

ClientSampleId :

OR-400-CF-402B-COMP-23



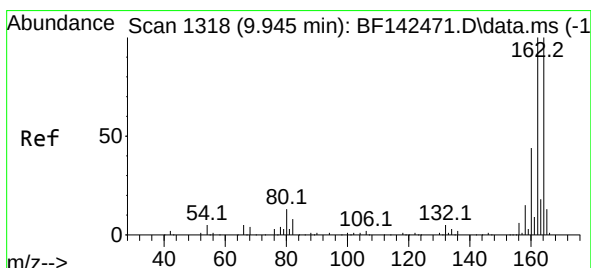
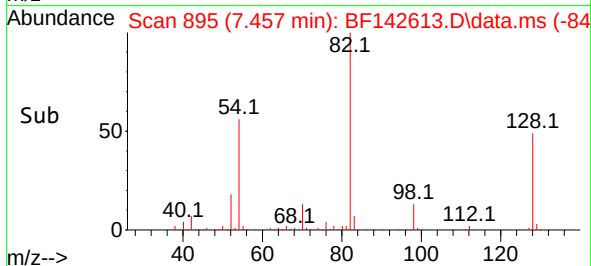
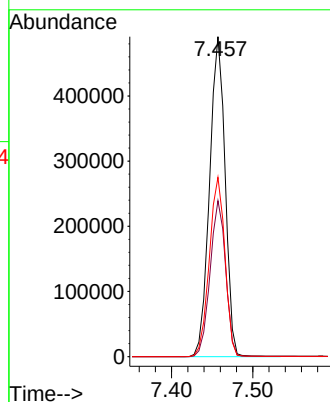
Tgt Ion: 82 Resp: 655007

Ion Ratio Lower Upper

82 100

128 48.7 37.4 56.2

54 56.0 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142613.D

Acq: 04 Jun 2025 18:18

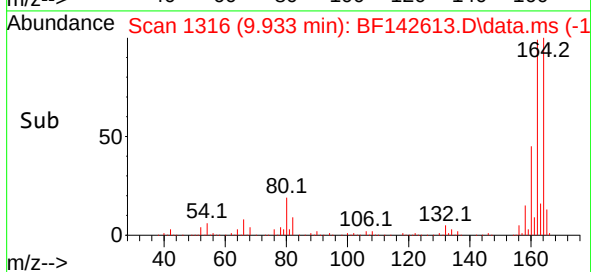
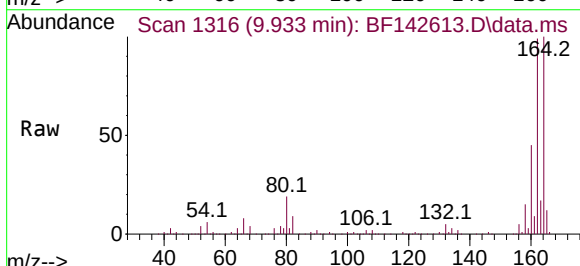
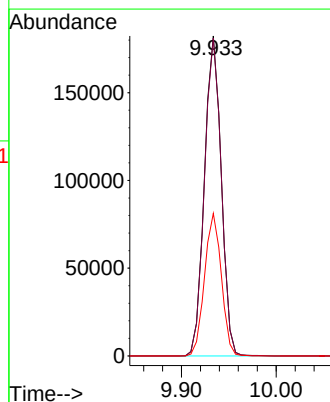
Tgt Ion:164 Resp: 225259

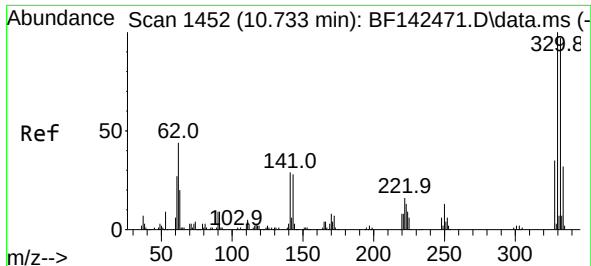
Ion Ratio Lower Upper

164 100

162 99.3 80.2 120.4

160 44.5 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 95.544 ng

RT: 10.722 min Scan# 1452

Delta R.T. -0.017 min

Lab File: BF142613.D

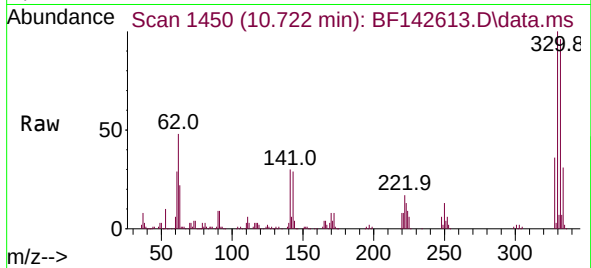
Acq: 04 Jun 2025 18:18

Instrument :

BNA_F

ClientSampleId :

OR-400-CF-402B-COMP-23



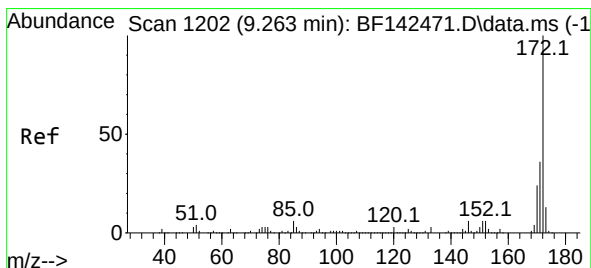
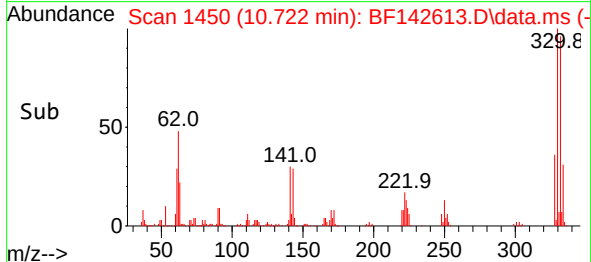
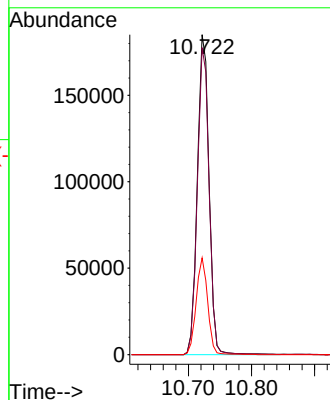
Tgt Ion:330 Resp: 238869

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 29.7 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 76.652 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.017 min

Lab File: BF142613.D

Acq: 04 Jun 2025 18:18

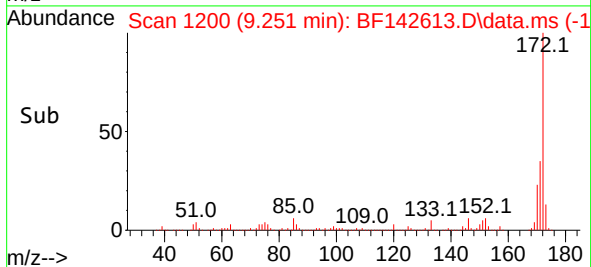
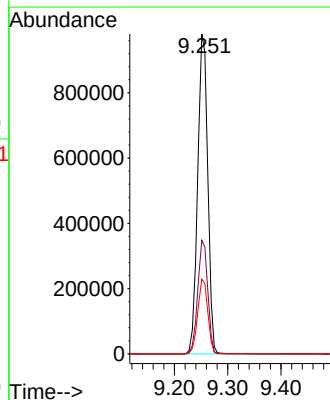
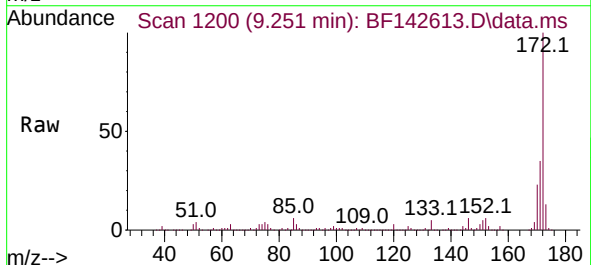
Tgt Ion:172 Resp: 1286765

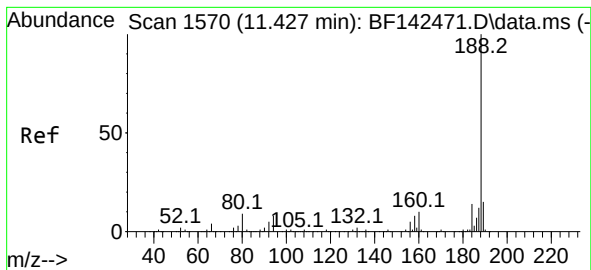
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.3 18.9 28.3

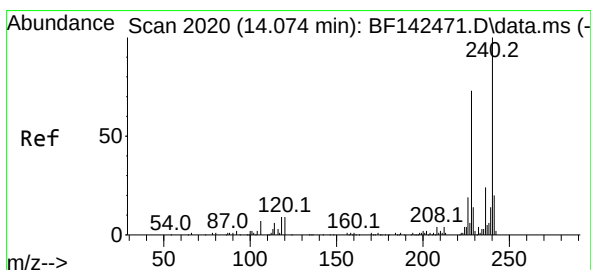
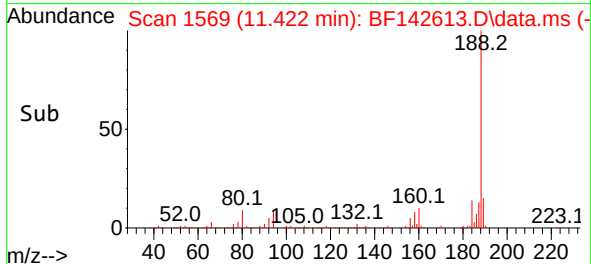
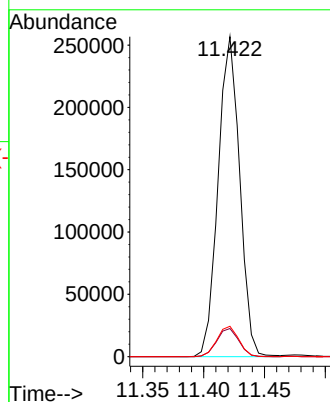
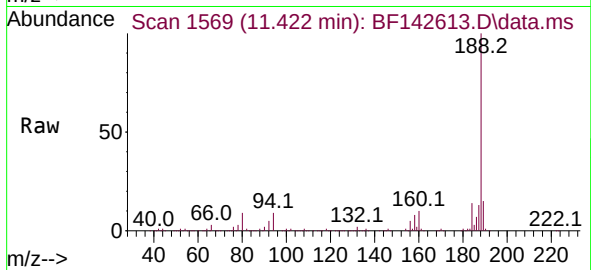




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142613.D
Acq: 04 Jun 2025 18:18

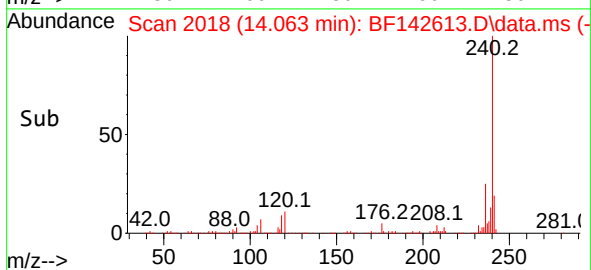
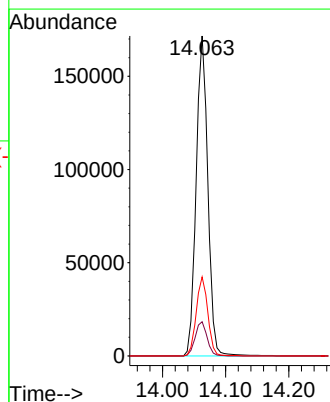
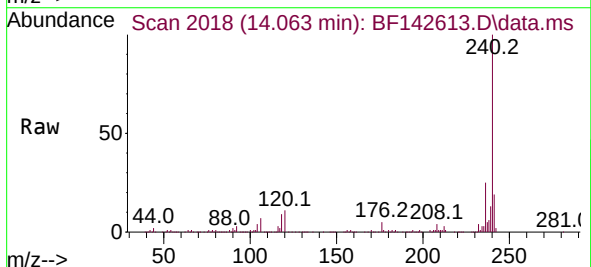
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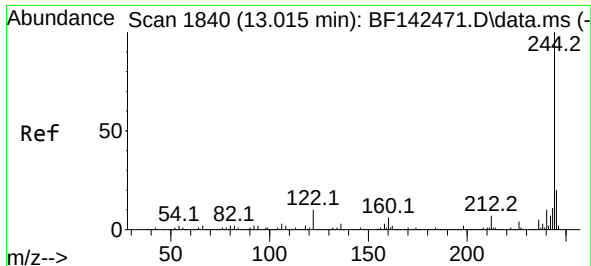
Tgt Ion:188 Resp: 316248
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142613.D
Acq: 04 Jun 2025 18:18

Tgt Ion:240 Resp: 220763
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 24.7 19.6 29.4

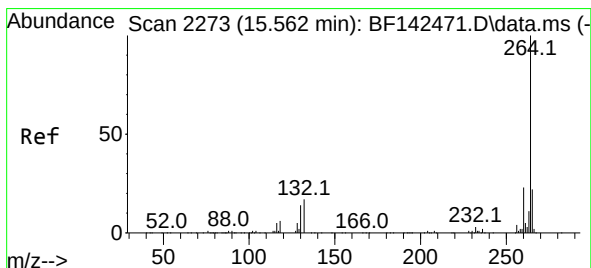
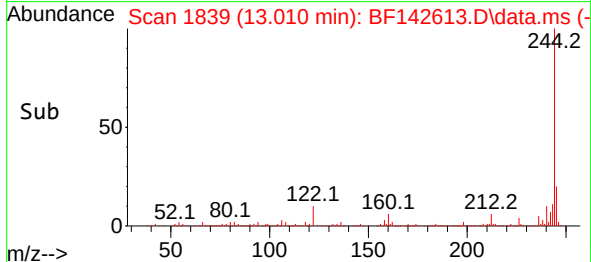
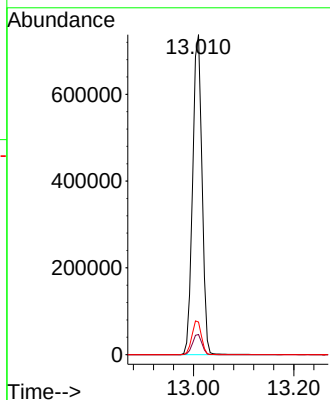
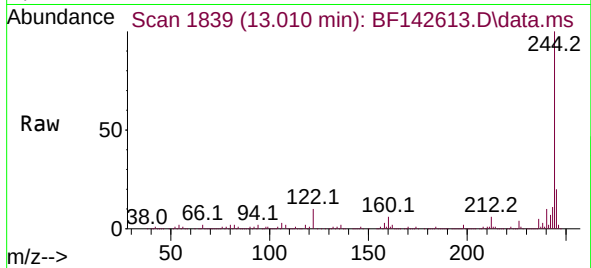




#79
 Terphenyl-d14
 Concen: 58.963 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142613.D
 Acq: 04 Jun 2025 18:18

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Tgt Ion:244 Resp: 952538
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 10.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142613.D
 Acq: 04 Jun 2025 18:18

Tgt Ion:264 Resp: 275706
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.2 17.7 26.5

