

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142399.D
 Acq On : 15 May 2025 18:40
 Operator : RC/JU
 Sample : Q1982-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: May 16 01:07:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	163201	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	621833	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	334642	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	592254	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	358051	20.000	ng	0.00
86) Perylene-d12	15.551	264	361581	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	810547	84.783	ng	0.00
7) Phenol-d6	6.516	99	989640	84.165	ng	0.00
23) Nitrobenzene-d5	7.457	82	596626	58.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	305587	94.582	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1216752	51.845	ng	0.00
79) Terphenyl-d14	13.010	244	1196724	49.470	ng	0.00

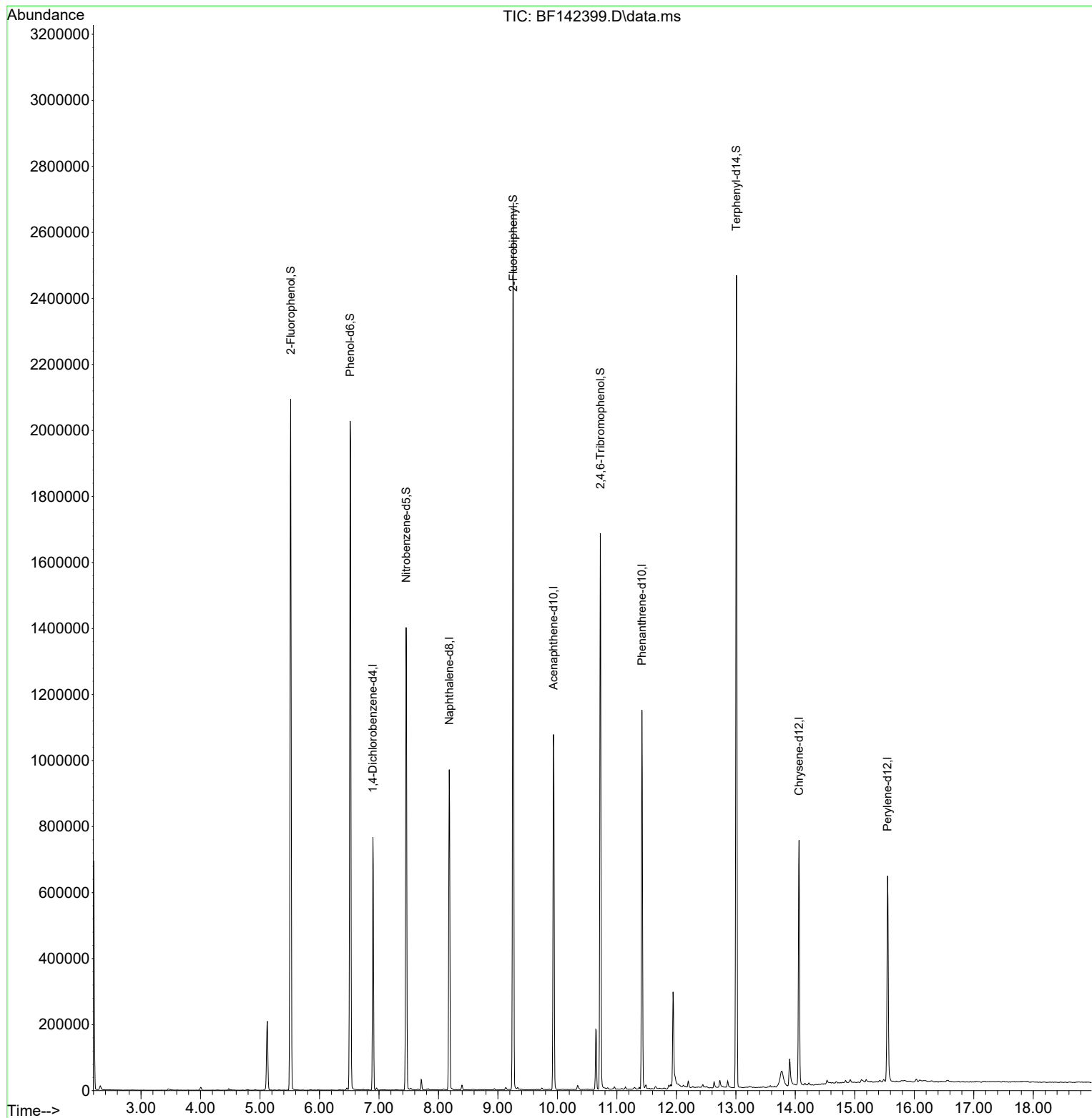
Target Compounds	Qvalue

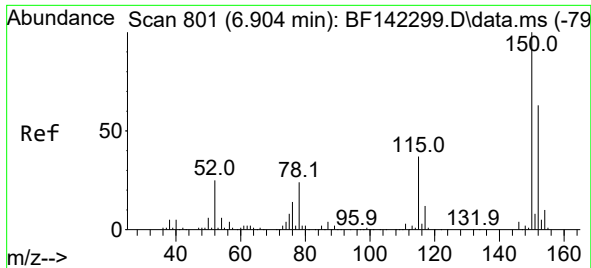
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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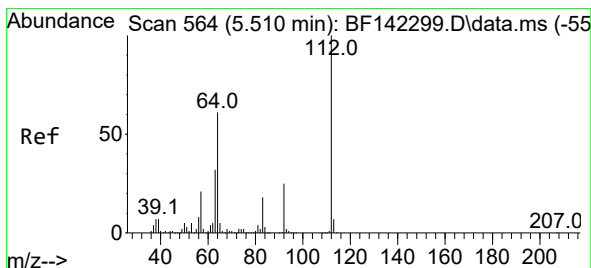
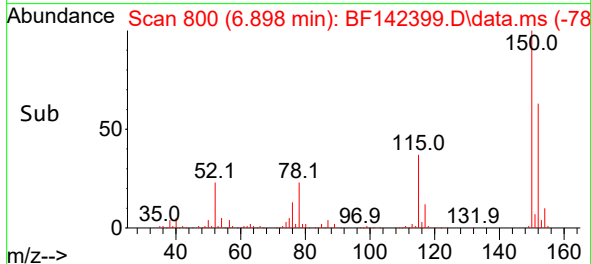
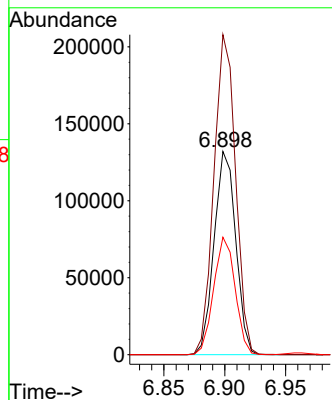
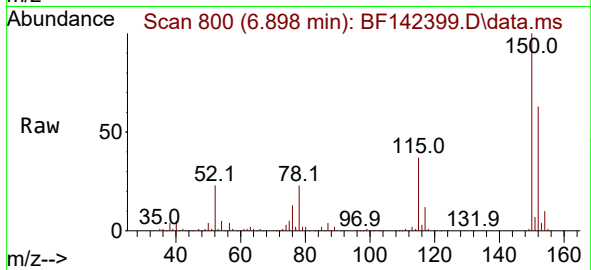




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

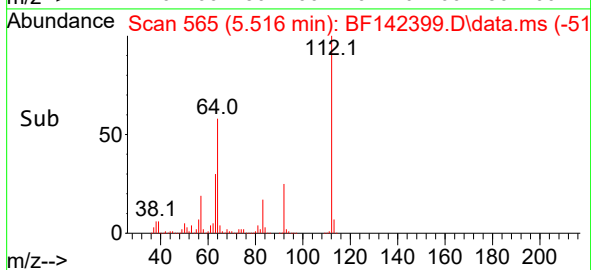
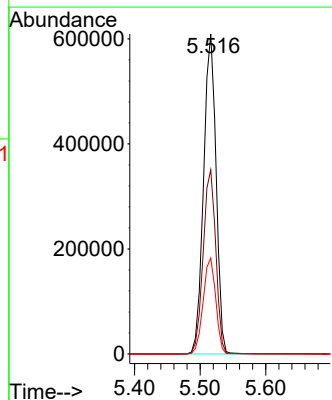
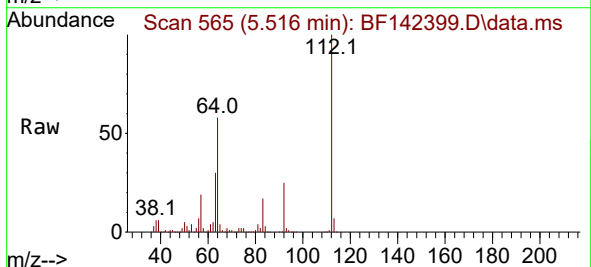
Instrument :
BNA_F
ClientSampleId :
TP-6

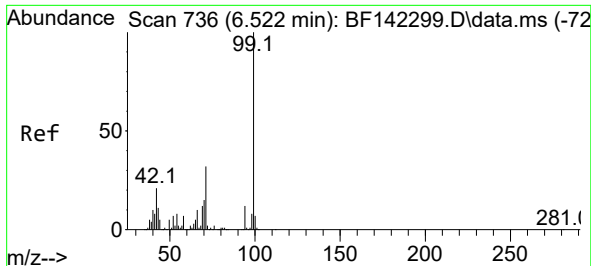
Tgt Ion:152 Resp: 163201
Ion Ratio Lower Upper
152 100
150 157.5 126.6 190.0
115 57.8 47.3 70.9



#5
2-Fluorophenol
Concen: 84.783 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Tgt Ion:112 Resp: 810547
Ion Ratio Lower Upper
112 100
64 57.6 48.9 73.3
63 30.0 25.6 38.4

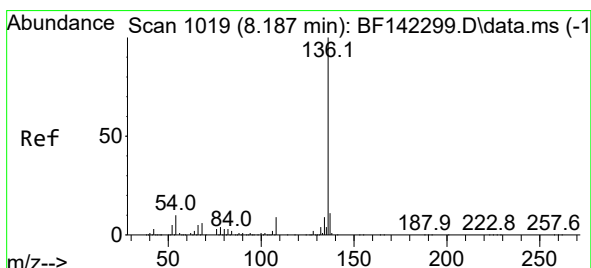
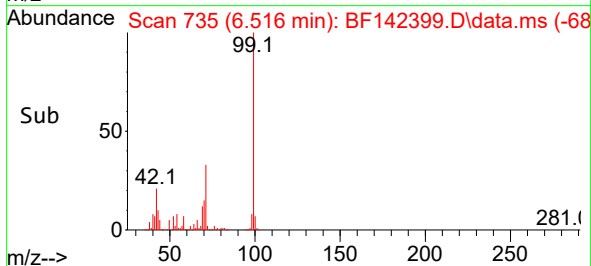
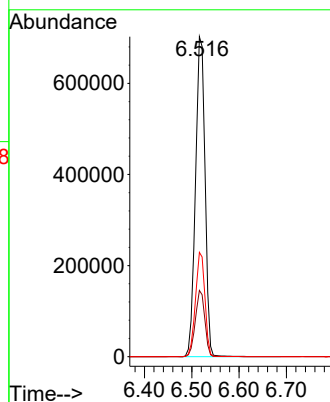
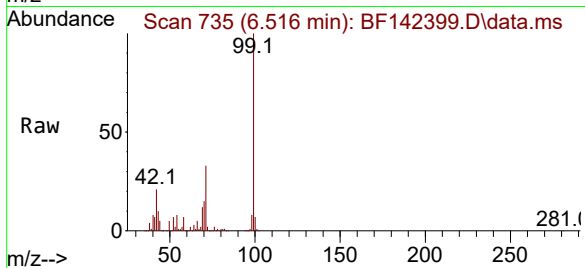




#7
Phenol-d6
Concen: 84.165 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

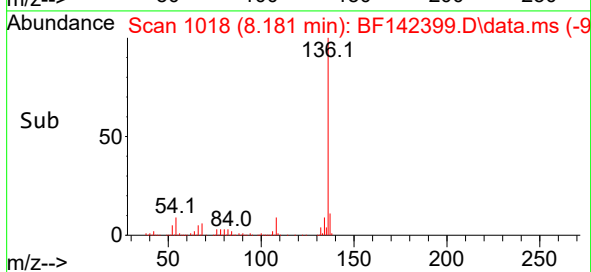
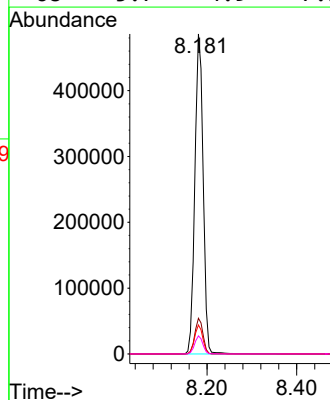
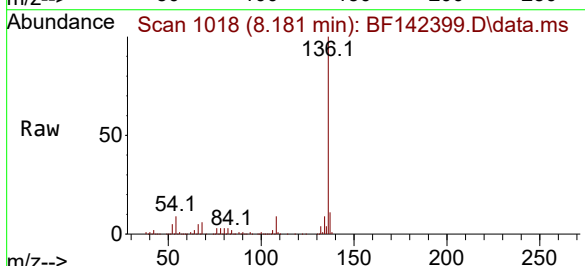
Instrument :
BNA_F
ClientSampleId :
TP-6

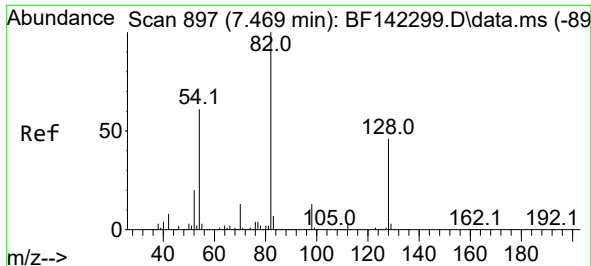
Tgt Ion: 99 Resp: 989640
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.4
71 32.6 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Tgt Ion: 136 Resp: 621833
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.0 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 58.515 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142399.D

Acq: 15 May 2025 18:40

Instrument :

BNA_F

ClientSampleId :

TP-6

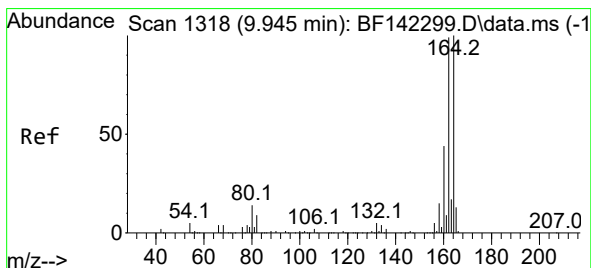
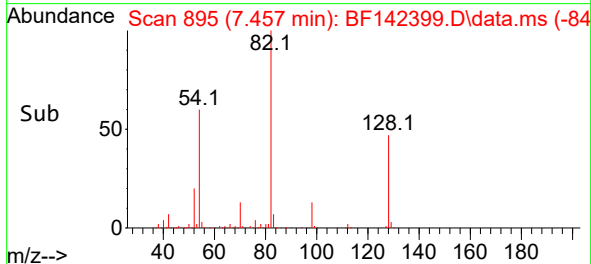
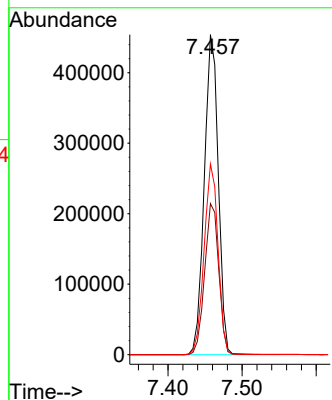
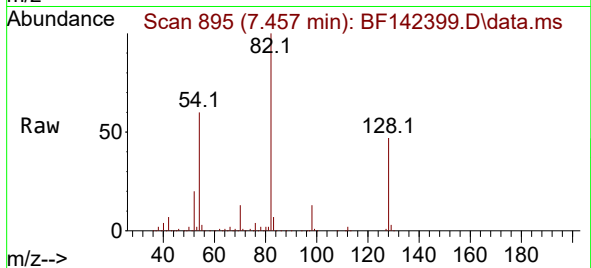
Tgt Ion: 82 Resp: 596626

Ion Ratio Lower Upper

82 100

128 47.2 37.0 55.6

54 59.6 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.011 min

Lab File: BF142399.D

Acq: 15 May 2025 18:40

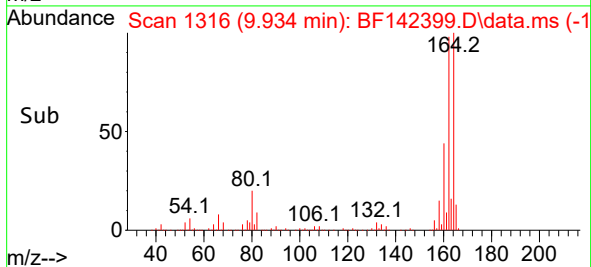
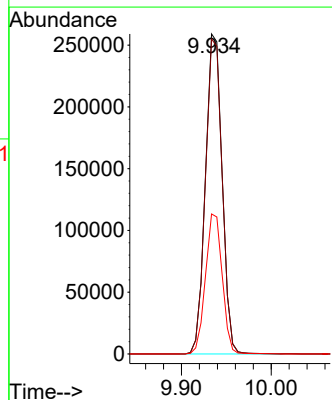
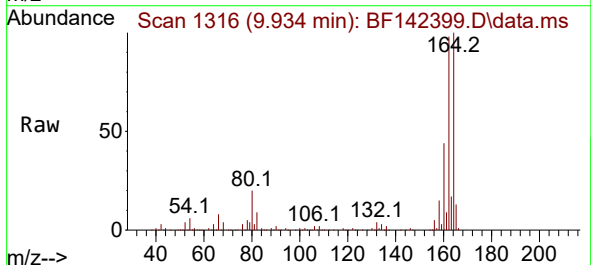
Tgt Ion:164 Resp: 334642

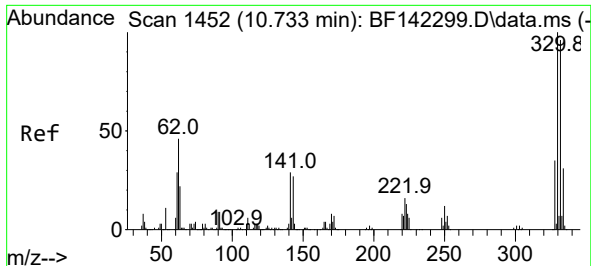
Ion Ratio Lower Upper

164 100

162 98.4 79.2 118.8

160 43.8 35.3 52.9

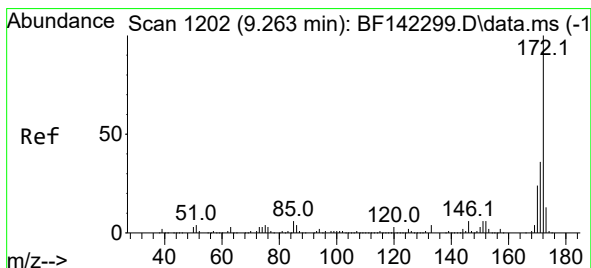
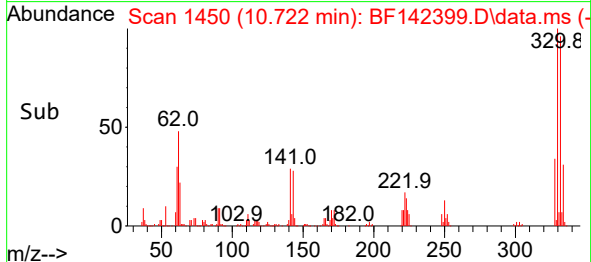
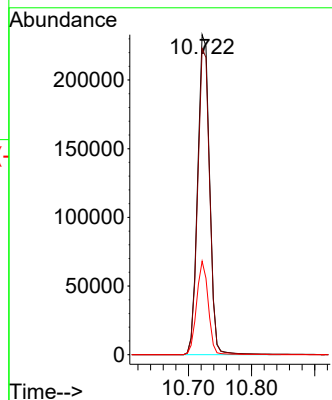
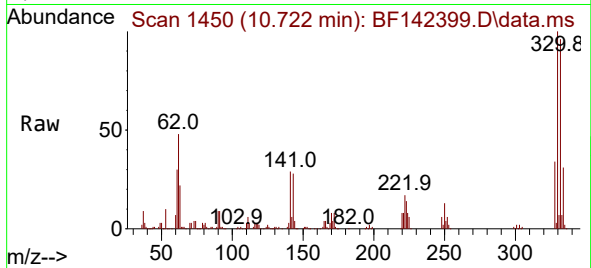




#42
2,4,6-Tribromophenol
Concen: 94.582 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

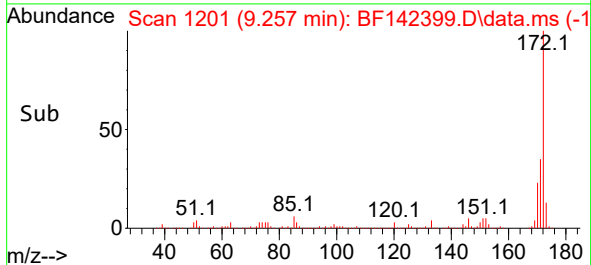
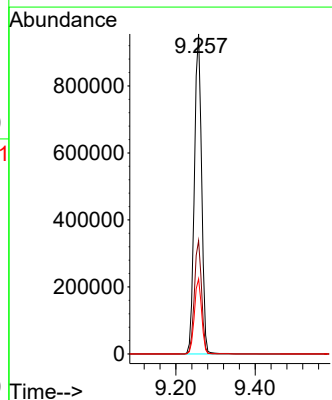
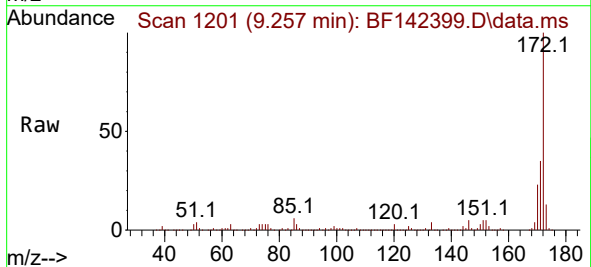
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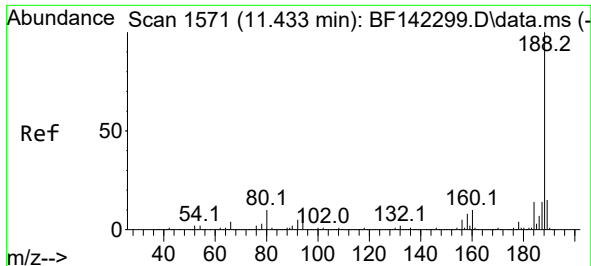
Tgt Ion:330 Resp: 305587
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 28.4 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 51.845 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Tgt Ion:172 Resp: 1216752
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.5 19.0 28.4

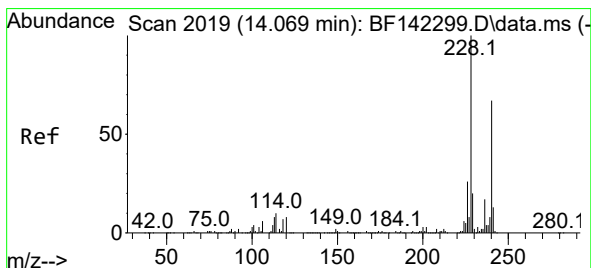
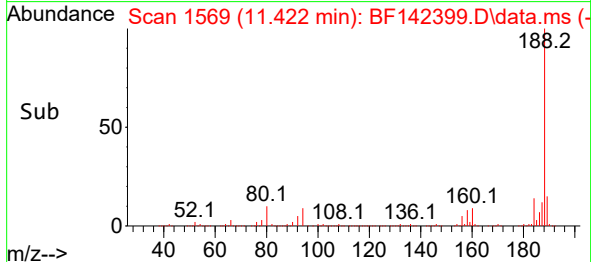
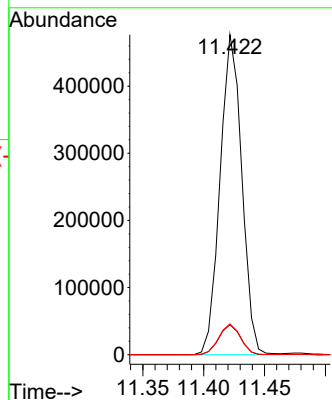
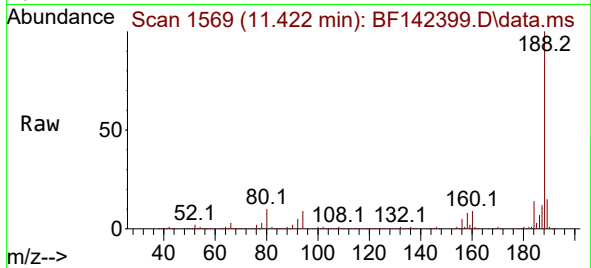




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

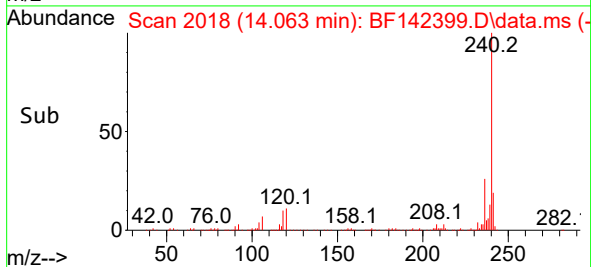
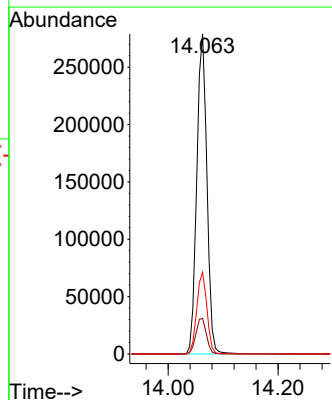
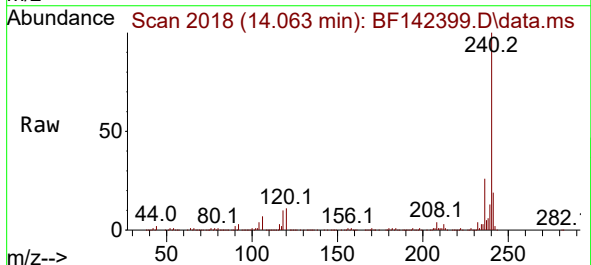
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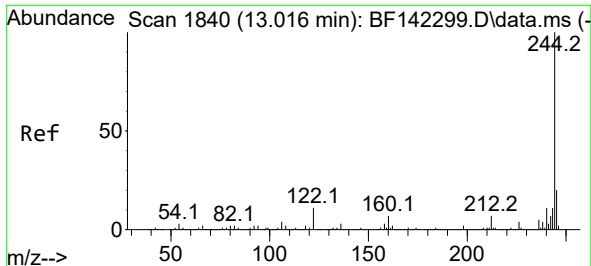
Tgt Ion:188 Resp: 592254
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142399.D
Acq: 15 May 2025 18:40

Tgt Ion:240 Resp: 358051
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 25.6 20.0 30.0

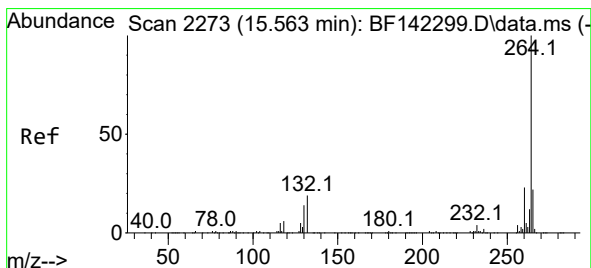
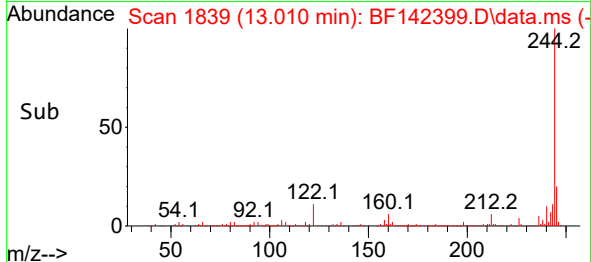
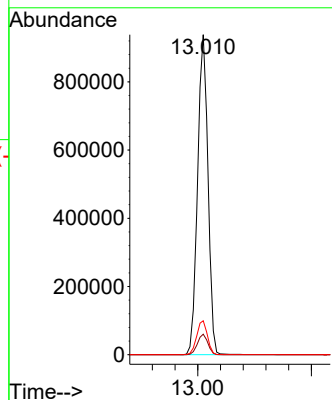
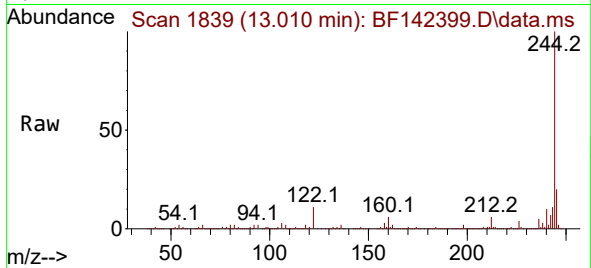




#79
 Terphenyl-d14
 Concen: 49.470 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142399.D
 Acq: 15 May 2025 18:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 1196724
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF142399.D
 Acq: 15 May 2025 18:40

Tgt Ion:264 Resp: 361581
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.4 17.5 26.3

