

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142060.D
 Acq On : 24 Mar 2025 17:54
 Operator : RC/JU
 Sample : Q1606-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT28607

Quant Time: Mar 24 18:32:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	130753	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	522520	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	312283	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	486411	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	250197	20.000	ng	0.00
86) Perylene-d12	15.504	264	259872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1090697	139.219	ng	0.01
7) Phenol-d6	6.504	99	1230222	123.332	ng	0.00
23) Nitrobenzene-d5	7.434	82	932202	100.399	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	591792	149.377	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1958935	95.400	ng	-0.01
79) Terphenyl-d14	12.980	244	2049009	121.079	ng	0.00

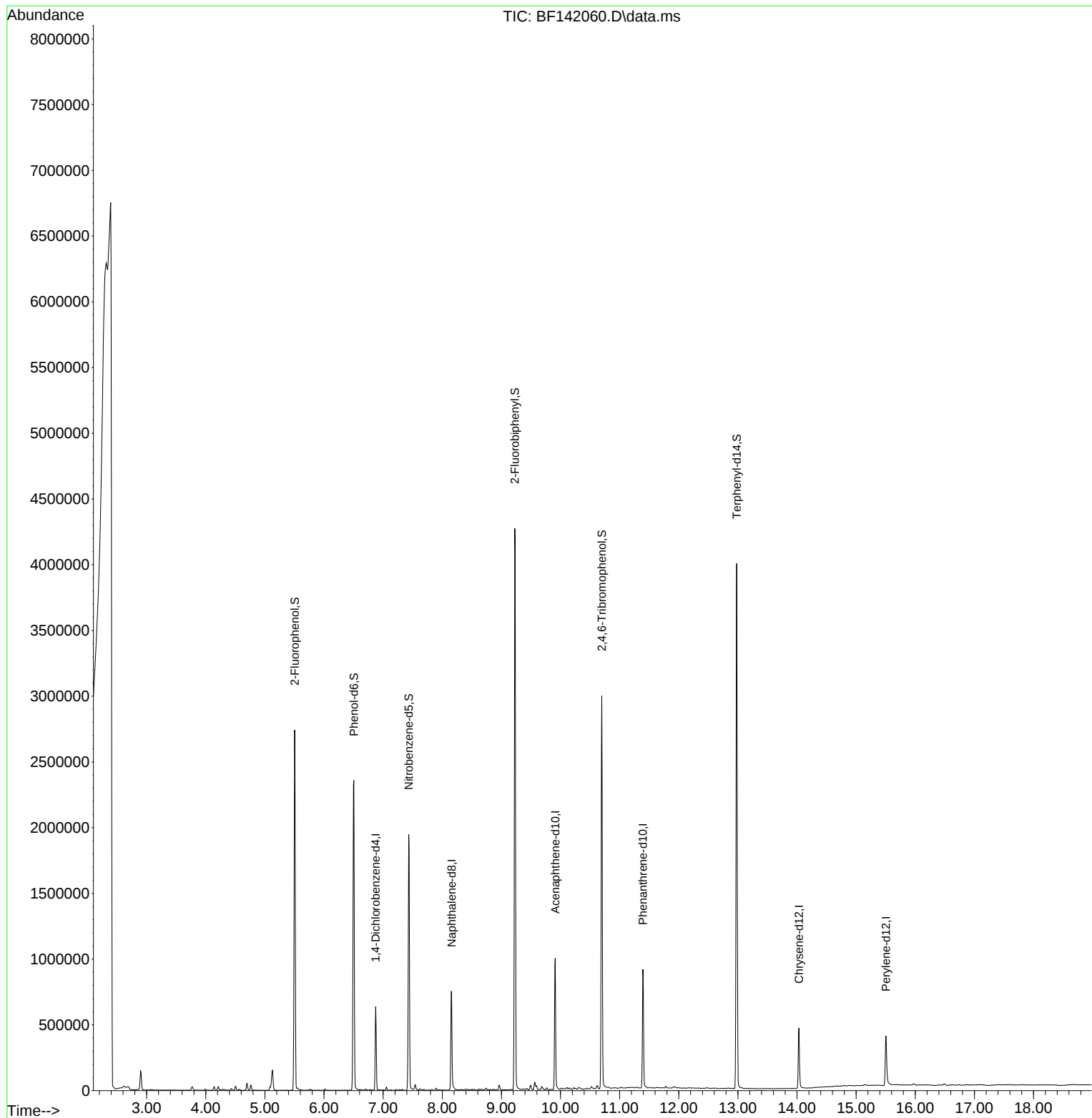
Target Compounds Qvalue

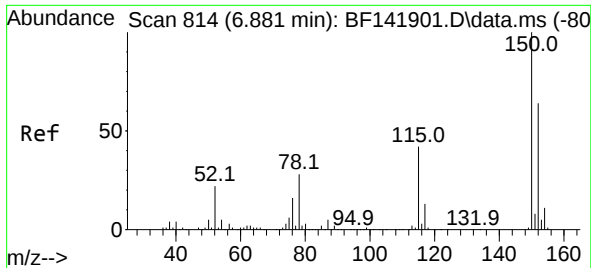
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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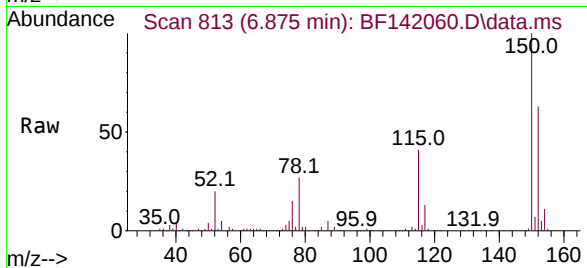
Quant Time: Mar 24 18:32:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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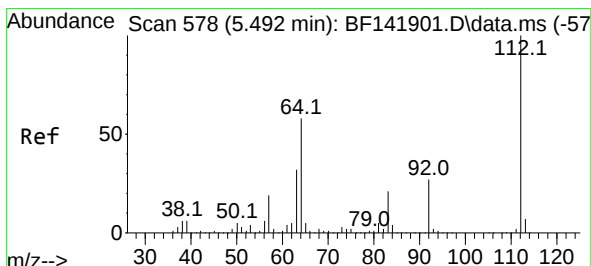
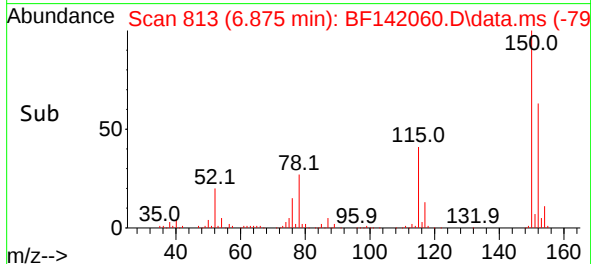
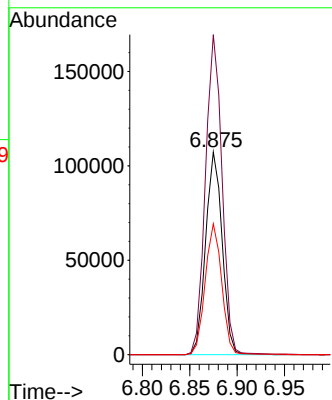


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Instrument :
BNA_F
ClientSampleId :
CHRT28607

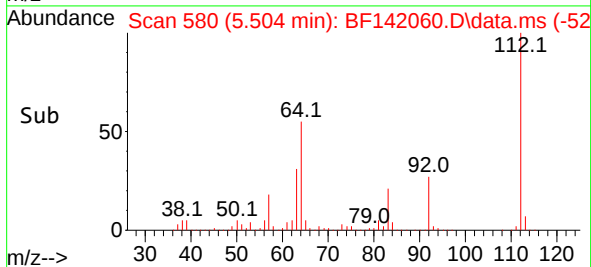
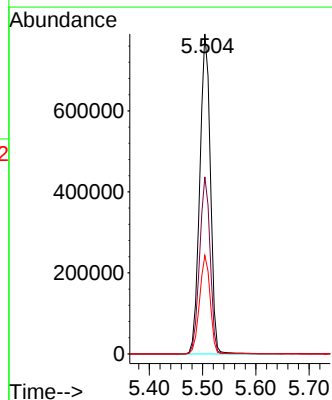
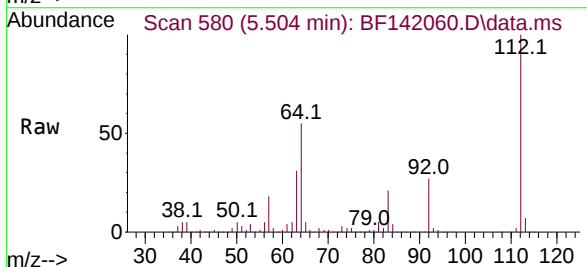


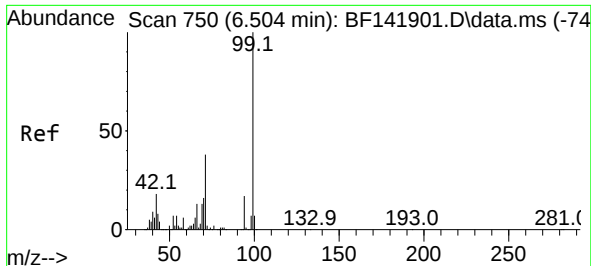
Tgt Ion:152 Resp: 130753
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.2
115 64.5 51.9 77.9



#5
2-Fluorophenol
Concen: 139.219 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Tgt Ion:112 Resp: 1090697
Ion Ratio Lower Upper
112 100
64 55.3 46.5 69.7
63 30.8 25.4 38.2



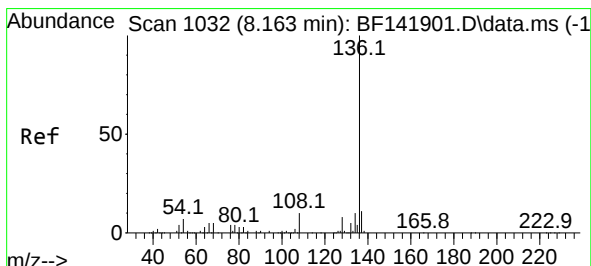
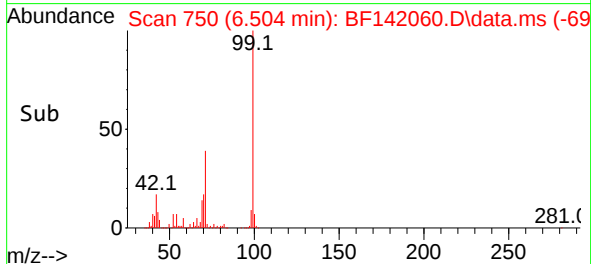
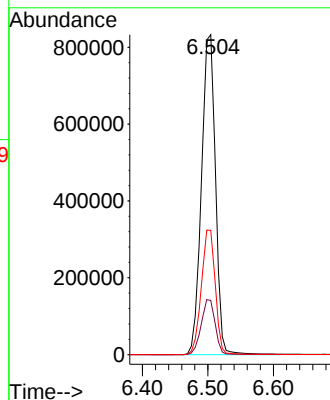
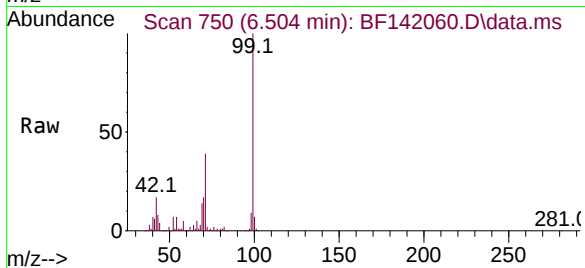


#7
Phenol-d6
Concen: 123.332 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Instrument :
BNA_F
ClientSampleId :
CHRT28607

Tgt Ion: 99 Resp: 1230222

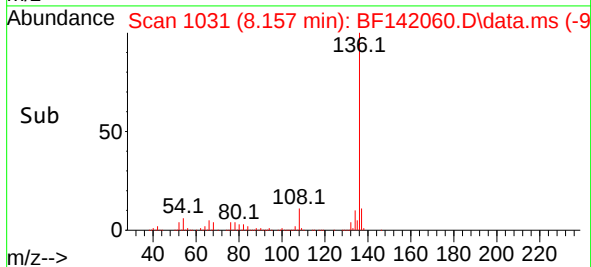
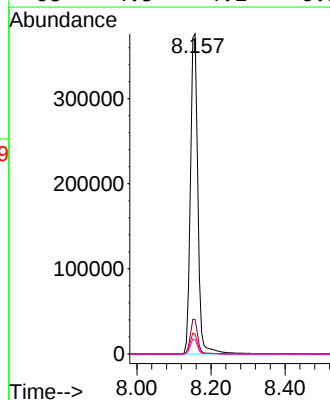
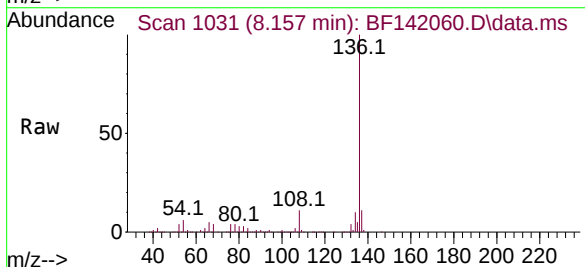
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.6	21.8
71	38.8	30.8	46.2

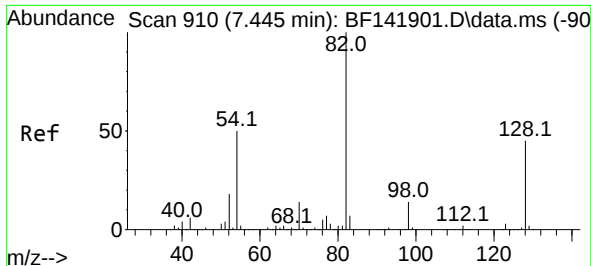


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Tgt Ion: 136 Resp: 522520

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.2	5.8	8.8
68	4.5	4.1	6.1





#23

Nitrobenzene-d5

Concen: 100.399 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142060.D

Acq: 24 Mar 2025 17:54

Instrument :

BNA_F

ClientSampleId :

CHRT28607

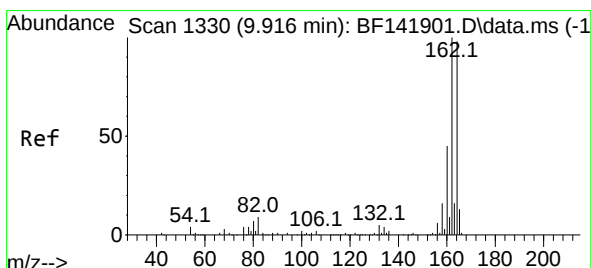
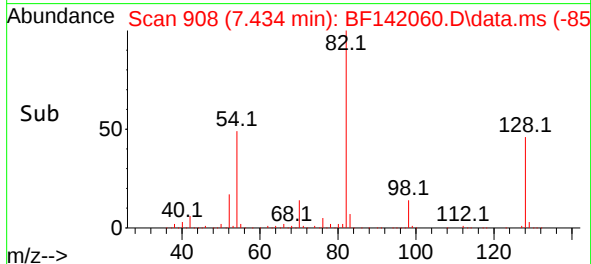
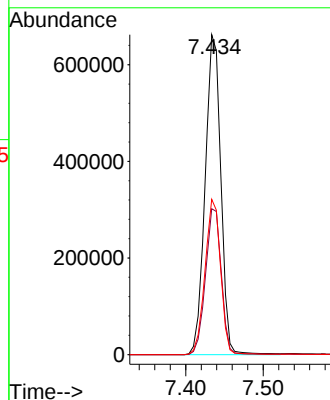
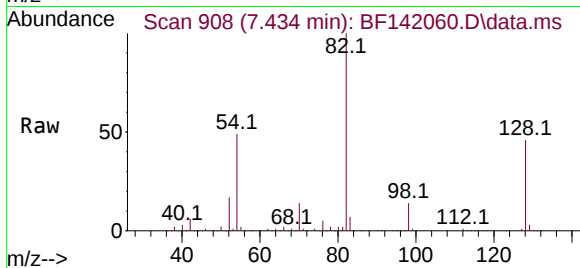
Tgt Ion: 82 Resp: 932202

Ion Ratio Lower Upper

82 100

128 45.6 36.0 54.0

54 48.5 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF142060.D

Acq: 24 Mar 2025 17:54

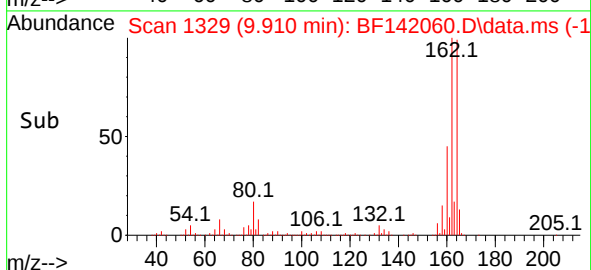
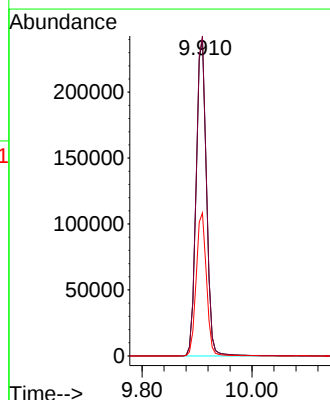
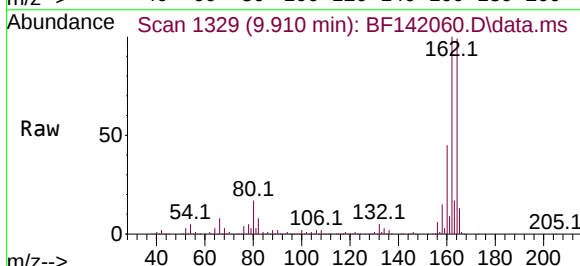
Tgt Ion:164 Resp: 312283

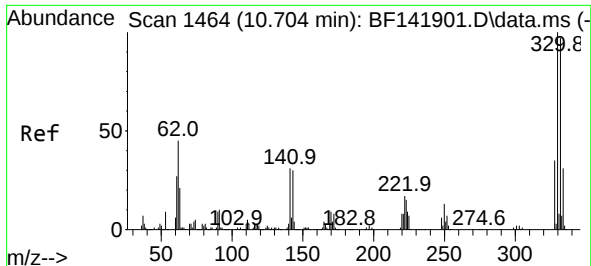
Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

160 45.1 36.7 55.1

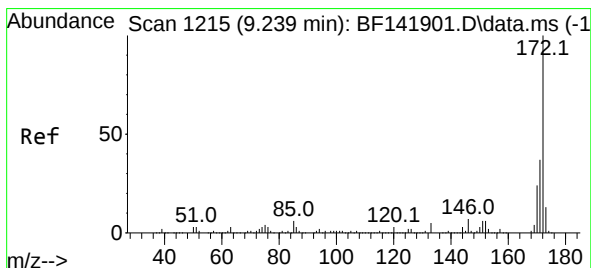
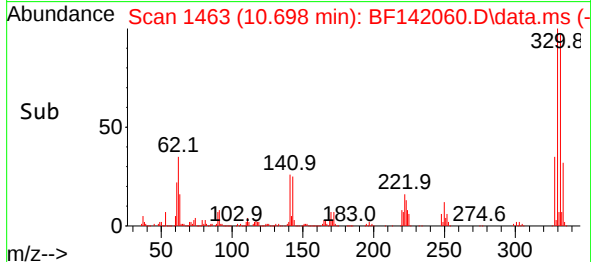
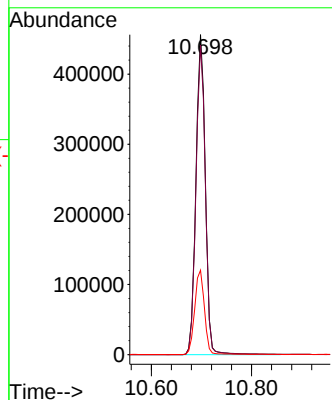
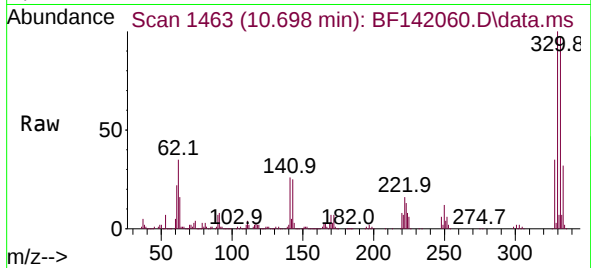




#42
2,4,6-Tribromophenol
Concen: 149.377 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

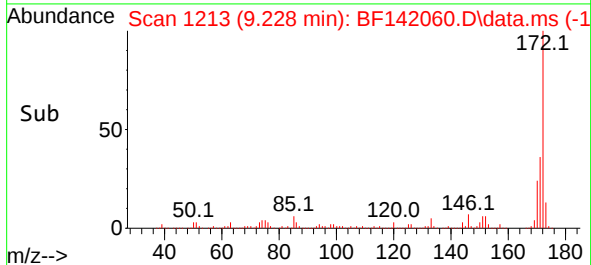
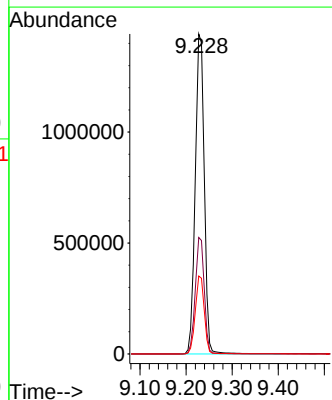
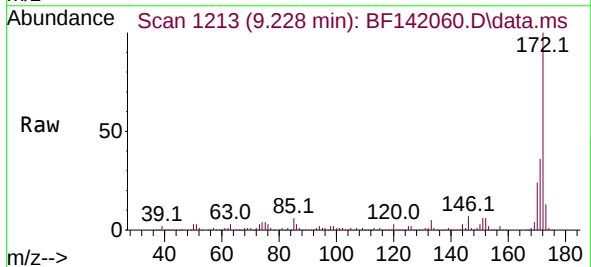
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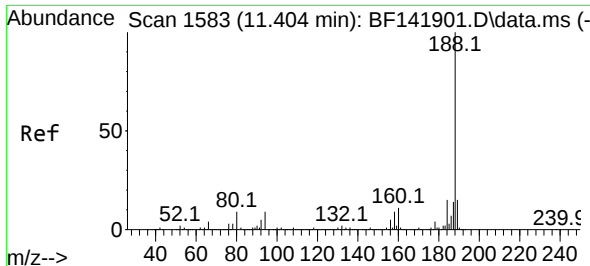
Tgt Ion:330 Resp: 591792
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 27.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 95.400 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Tgt Ion:172 Resp: 1958935
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.3 19.4 29.0

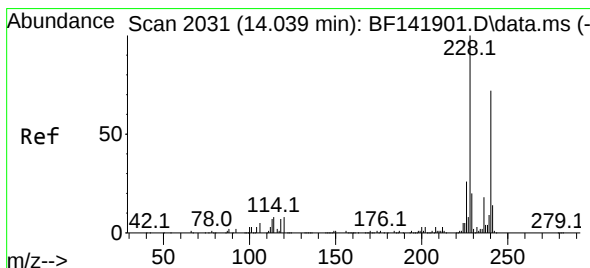
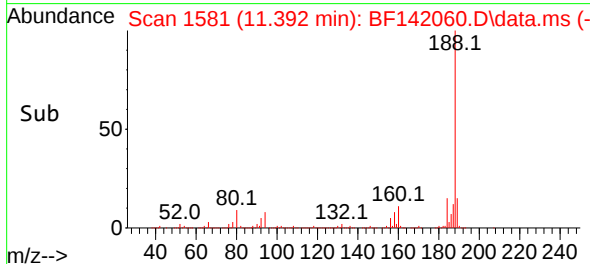
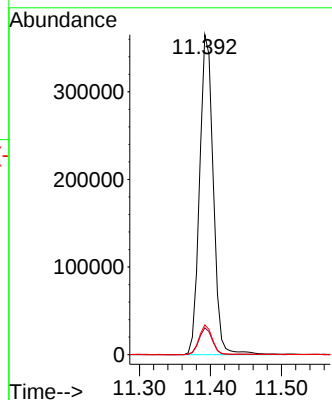
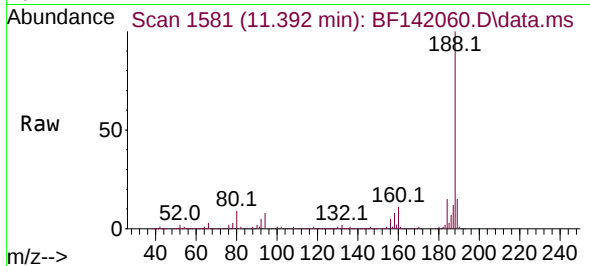




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

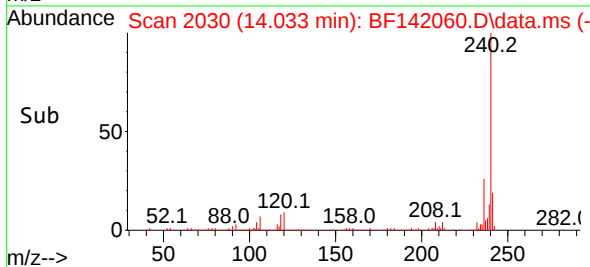
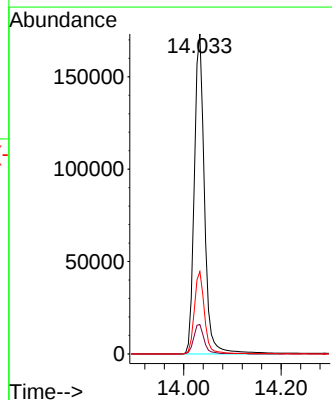
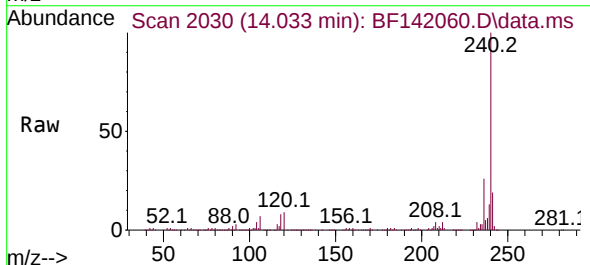
Instrument :
BNA_F
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CHRT28607

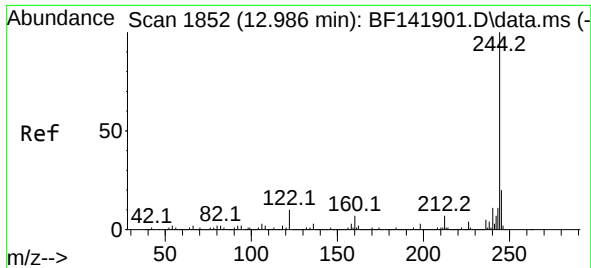
Tgt Ion:188 Resp: 486411
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142060.D
Acq: 24 Mar 2025 17:54

Tgt Ion:240 Resp: 250197
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.7 20.5 30.7

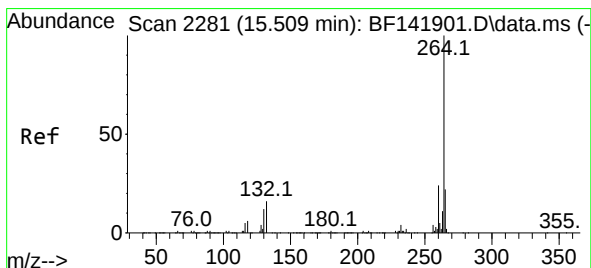
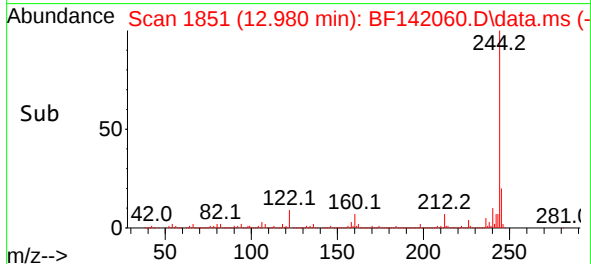
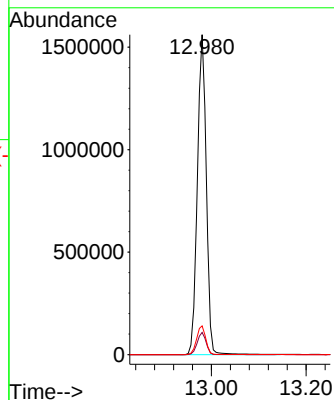
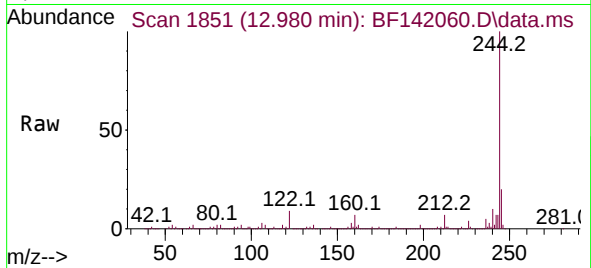




#79
 Terphenyl-d14
 Concen: 121.079 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142060.D
 Acq: 24 Mar 2025 17:54

Instrument :
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Tgt Ion:244 Resp: 2049009
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142060.D
 Acq: 24 Mar 2025 17:54

Tgt Ion:264 Resp: 259872
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.6 17.5 26.3

