

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141886.D
 Acq On : 07 Mar 2025 11:00
 Operator : RC/JU
 Sample : Q1478-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-COMP-022825

Quant Time: Mar 07 11:17:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	139514	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	591635	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	324386	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	557994	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	543144	20.000	ng	-0.01
86) Perylene-d12	15.509	264	421768	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1247685	142.820	ng	0.01
7) Phenol-d6	6.504	99	1451371	127.641	ng	0.00
23) Nitrobenzene-d5	7.445	82	1022693	110.491	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	601225	197.421	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1951276	96.452	ng	0.00
79) Terphenyl-d14	12.992	244	2755910	82.093	ng	0.00

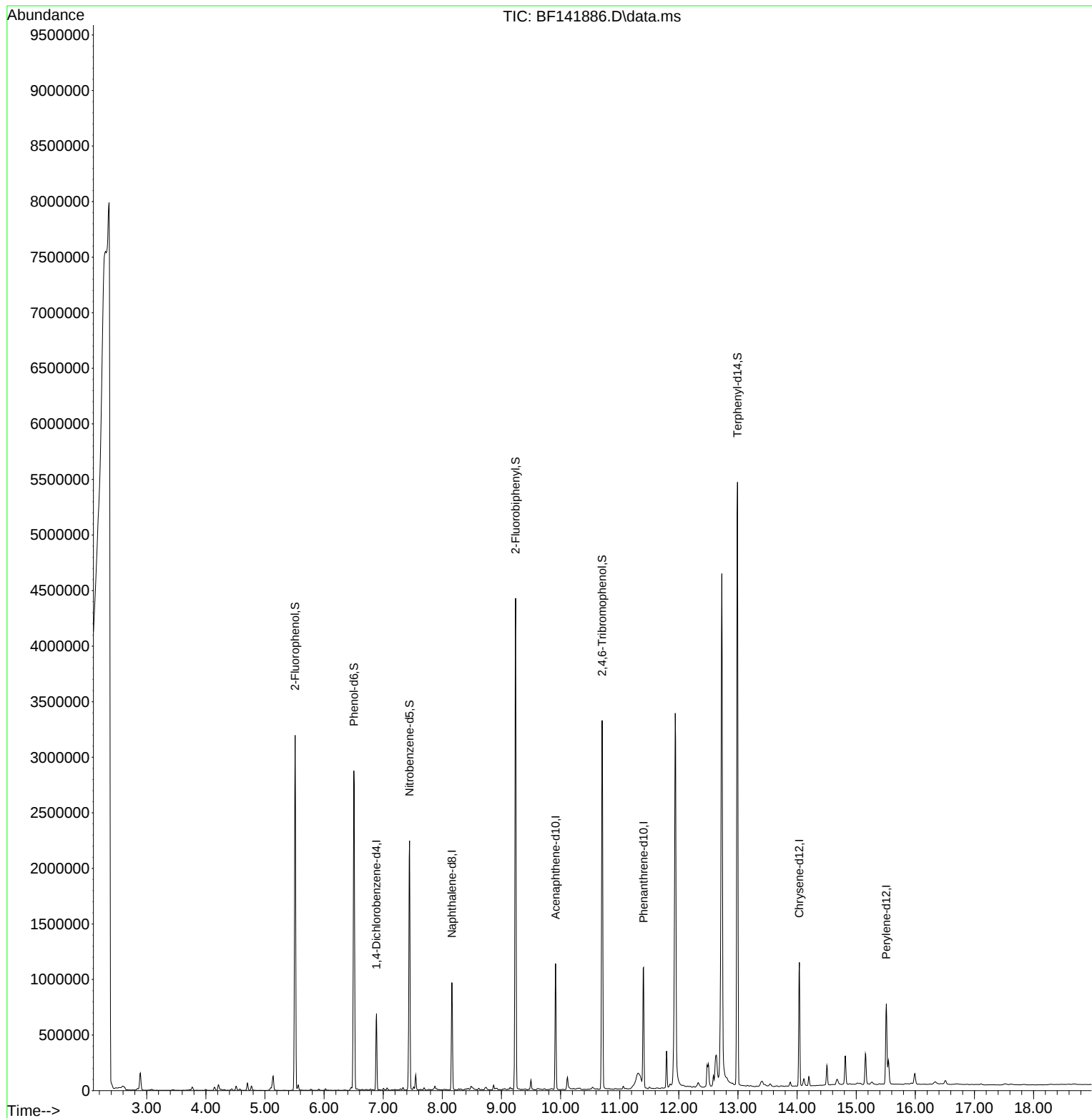
Target Compounds	Qvalue

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

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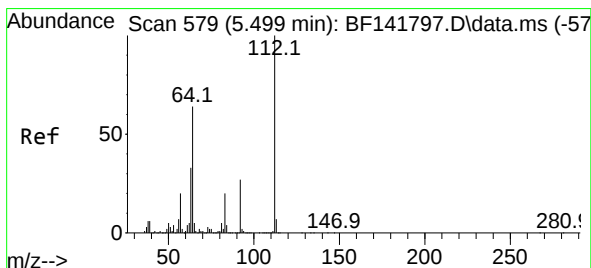
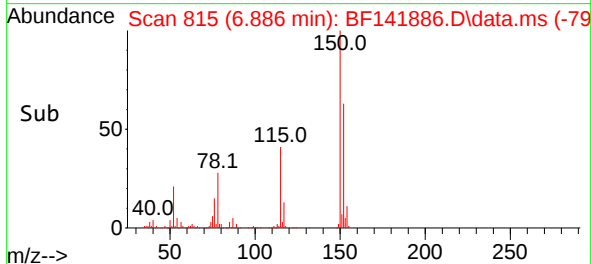
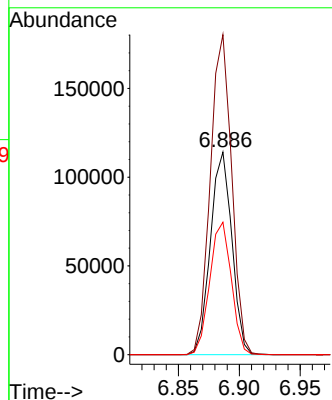
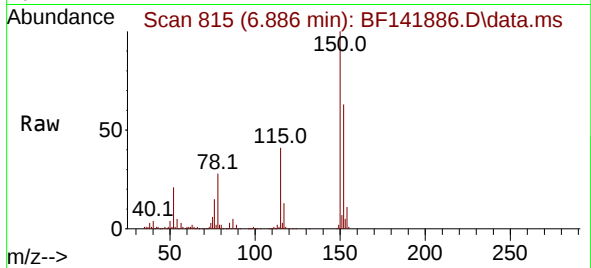




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF141886.D
Acq: 07 Mar 2025 11:00

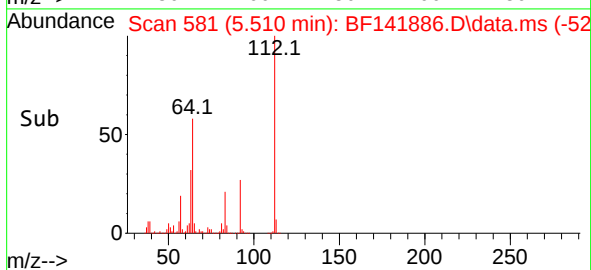
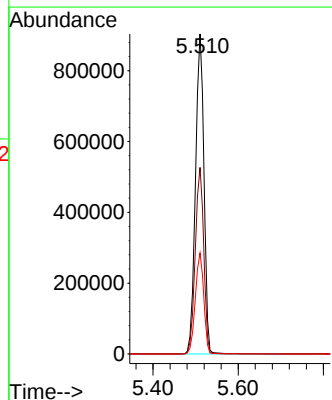
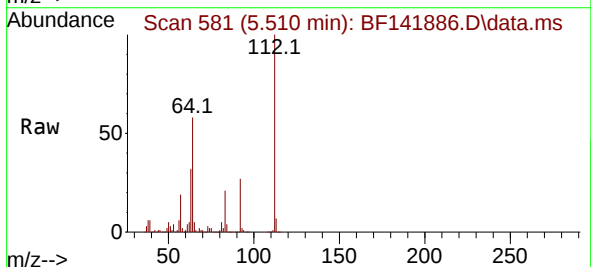
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825

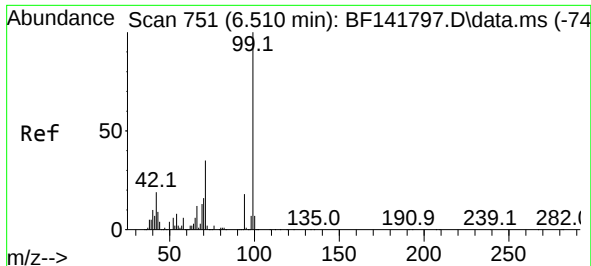
Tgt Ion:152 Resp: 139514
Ion Ratio Lower Upper
152 100
150 158.0 127.5 191.3
115 65.4 51.4 77.2



#5
2-Fluorophenol
Concen: 142.820 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF141886.D
Acq: 07 Mar 2025 11:00

Tgt Ion:112 Resp: 1247685
Ion Ratio Lower Upper
112 100
64 58.3 51.3 76.9
63 31.5 26.2 39.4

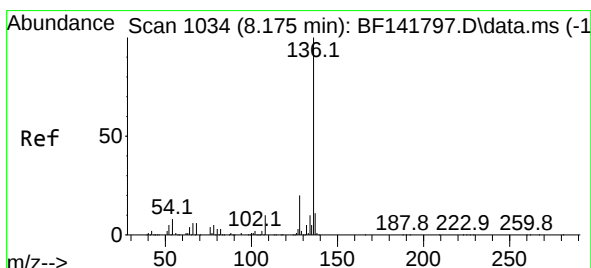
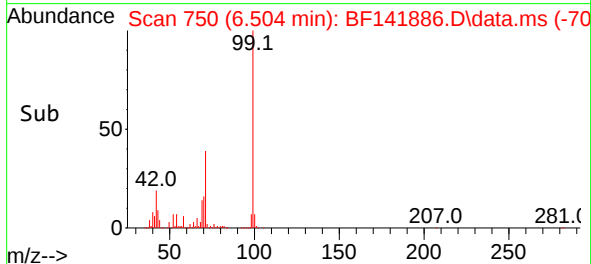
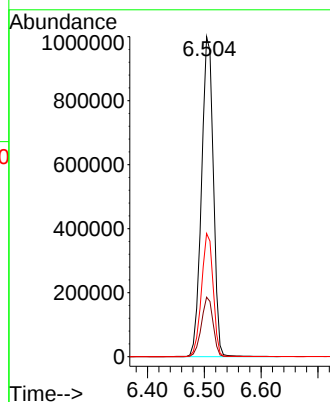
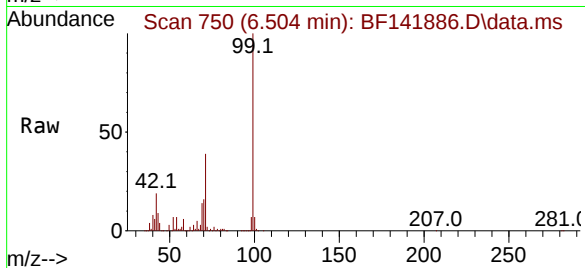




#7
Phenol-d6
Concen: 127.641 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141886.D
Acq: 07 Mar 2025 11:00

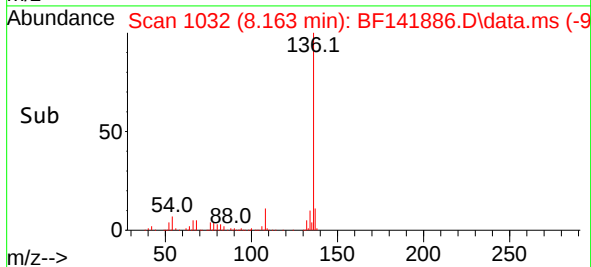
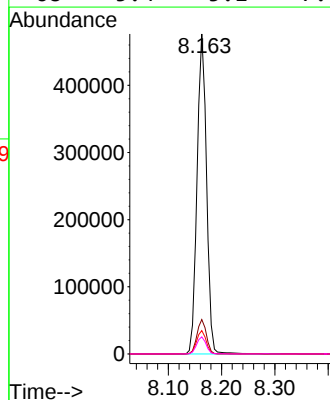
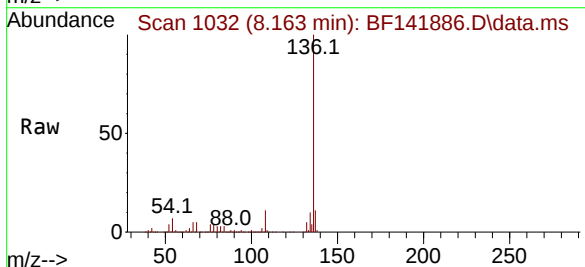
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825

Tgt Ion: 99 Resp: 1451371
Ion Ratio Lower Upper
99 100
42 18.6 15.2 22.8
71 38.5 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141886.D
Acq: 07 Mar 2025 11:00

Tgt Ion:136 Resp: 591635
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 6.9 10.3
68 5.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 110.491 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141886.D

Acq: 07 Mar 2025 11:00

Instrument :

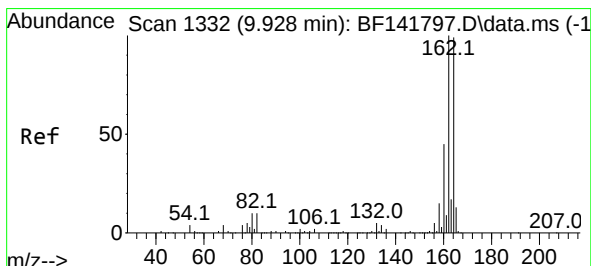
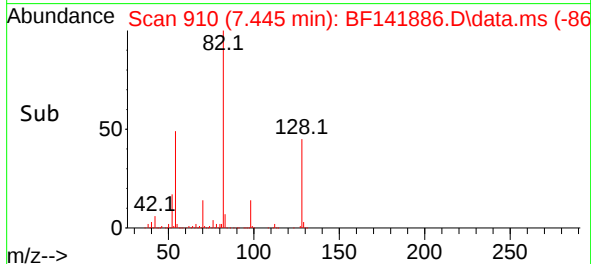
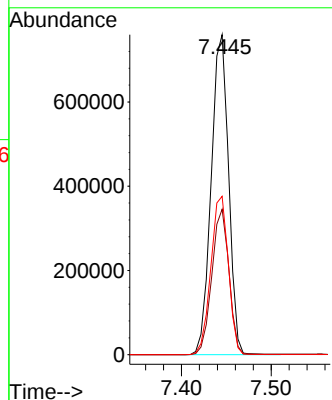
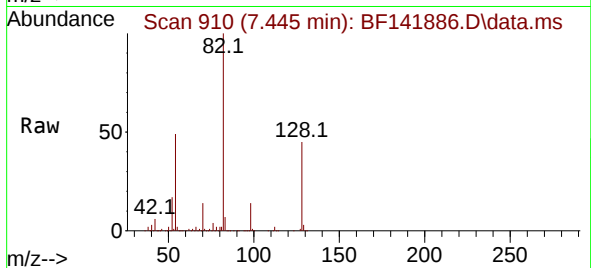
BNA_F

ClientSampleId :

IDW-SO-COMP-022825

Tgt Ion: 82 Resp: 1022693

Ion	Ratio	Lower	Upper
82	100		
128	45.5	33.5	50.3
54	49.5	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

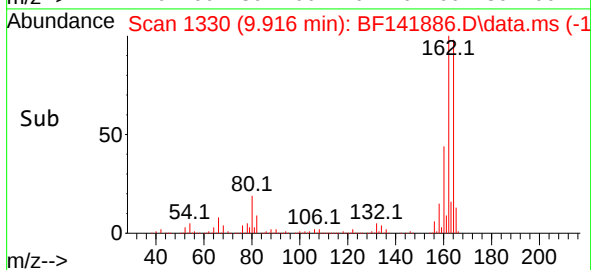
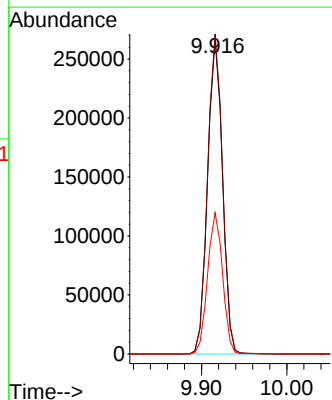
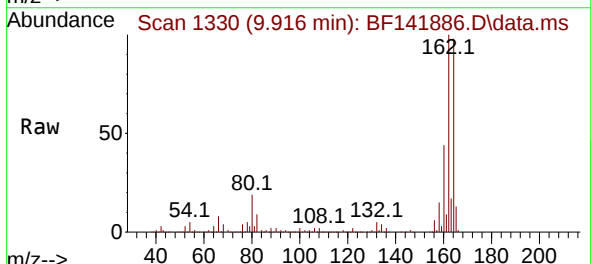
Delta R.T. -0.012 min

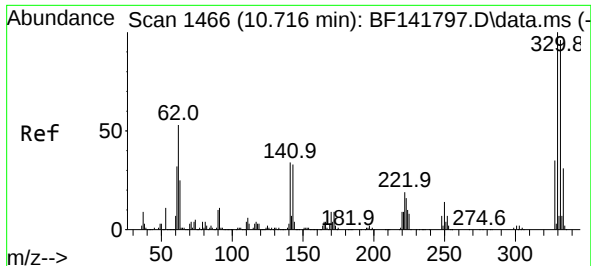
Lab File: BF141886.D

Acq: 07 Mar 2025 11:00

Tgt Ion: 164 Resp: 324386

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	45.0	36.3	54.5

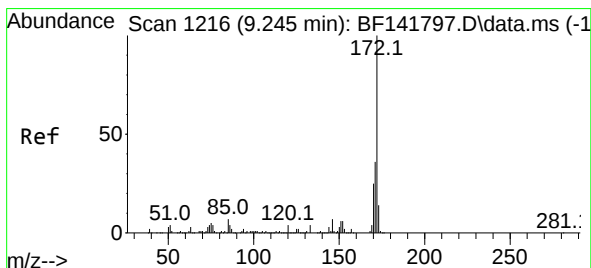
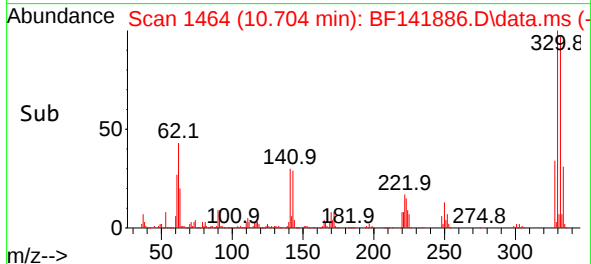
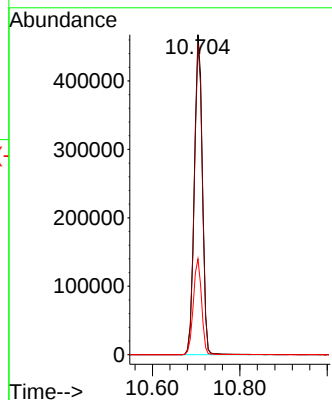
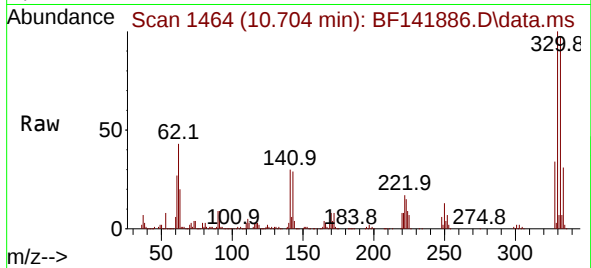




#42
2,4,6-Tribromophenol
Concen: 197.421 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141886.D
Acq: 07 Mar 2025 11:00

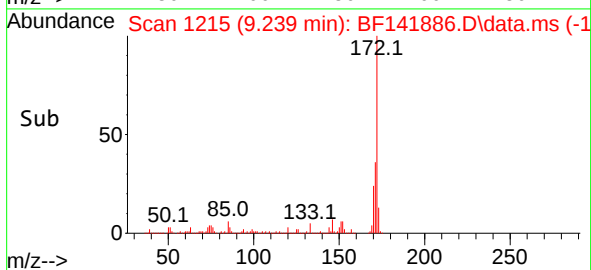
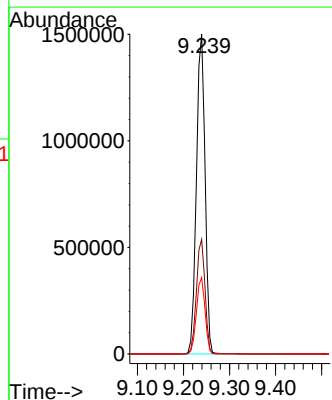
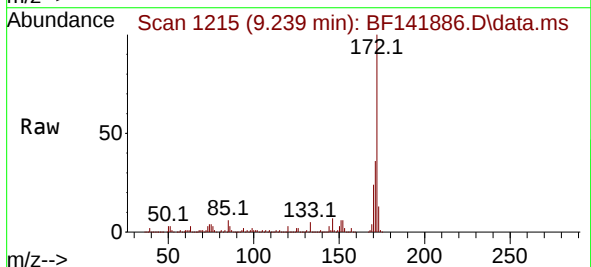
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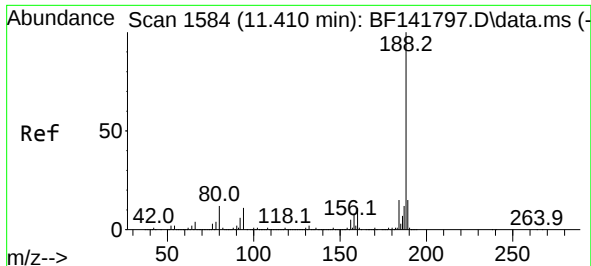
Tgt Ion:330 Resp: 601225
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 30.5 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 96.452 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141886.D
Acq: 07 Mar 2025 11:00

Tgt Ion:172 Resp: 1951276
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.9 19.7 29.5

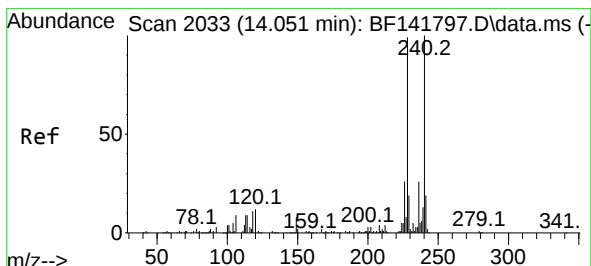
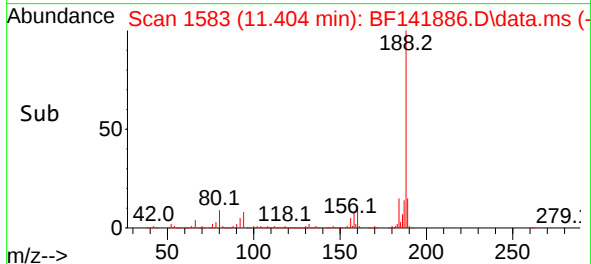
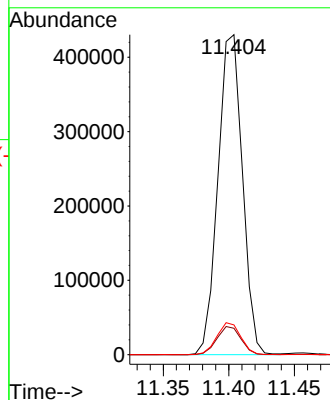
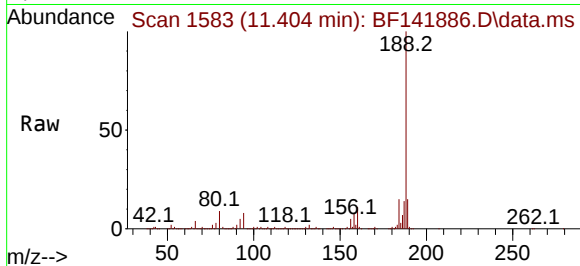




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141886.D
Acq: 07 Mar 2025 11:00

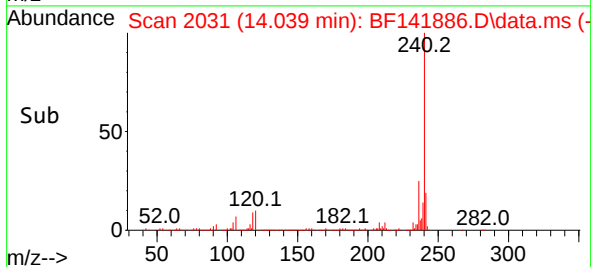
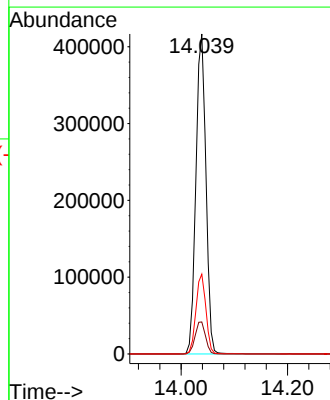
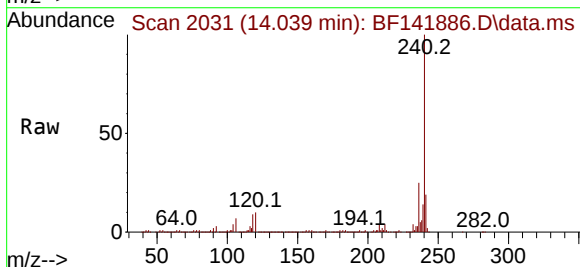
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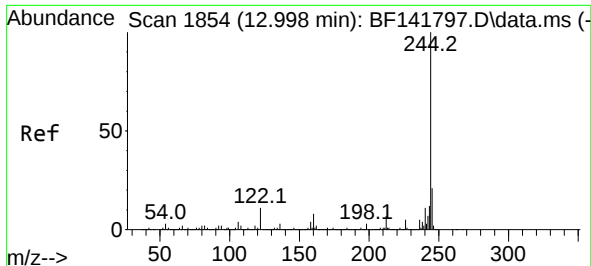
Tgt Ion:188 Resp: 557994
Ion Ratio Lower Upper
188 100
94 8.3 8.9 13.3#
80 9.3 9.7 14.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141886.D
Acq: 07 Mar 2025 11:00

Tgt Ion:240 Resp: 543144
Ion Ratio Lower Upper
240 100
120 10.0 9.7 14.5
236 24.9 21.0 31.4

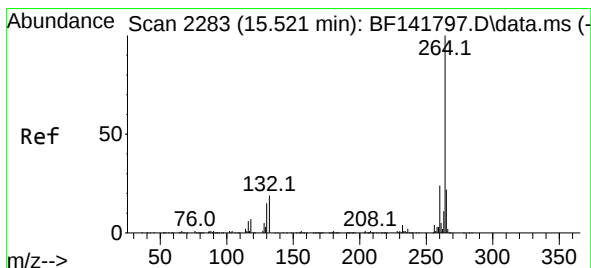
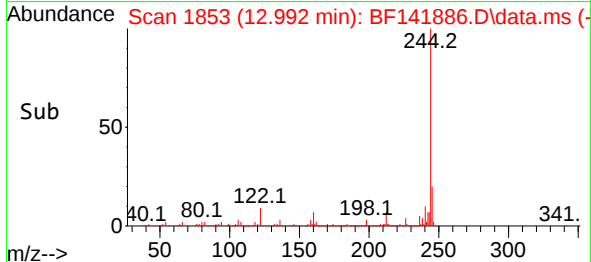
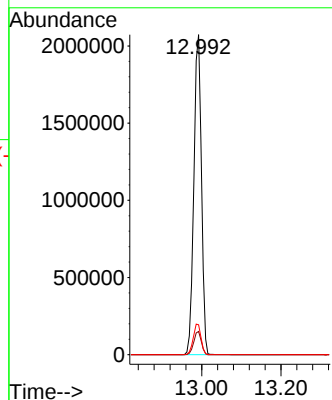
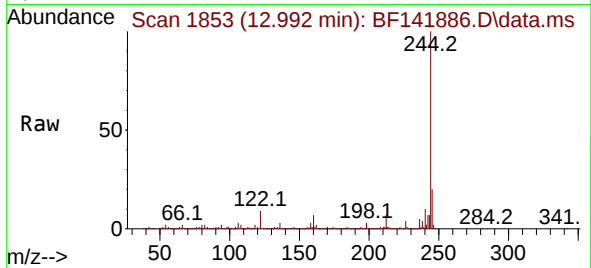




#79
 Terphenyl-d14
 Concen: 82.093 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF141886.D
 Acq: 07 Mar 2025 11:00

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-COMP-022825

Tgt Ion:244 Resp: 2755910
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.4 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141886.D
 Acq: 07 Mar 2025 11:00

Tgt Ion:264 Resp: 421768
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.6 17.4 26.0

