

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141869.D
 Acq On : 06 Mar 2025 15:30
 Operator : RC/JU
 Sample : Q1478-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-02-COMP-022825

Quant Time: Mar 06 16:10:44 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	149239	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	572947	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	305084	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	525653	20.000	ng	0.00
76) Chrysene-d12	14.039	240	408038	20.000	ng	-0.01
86) Perylene-d12	15.509	264	419358	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	709620	75.936	ng	0.00
7) Phenol-d6	6.498	99	545054	44.811	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1262060	140.800	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	636164	222.110	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2283657	120.023	ng	0.00
79) Terphenyl-d14	12.992	244	2752697	109.148	ng	0.00

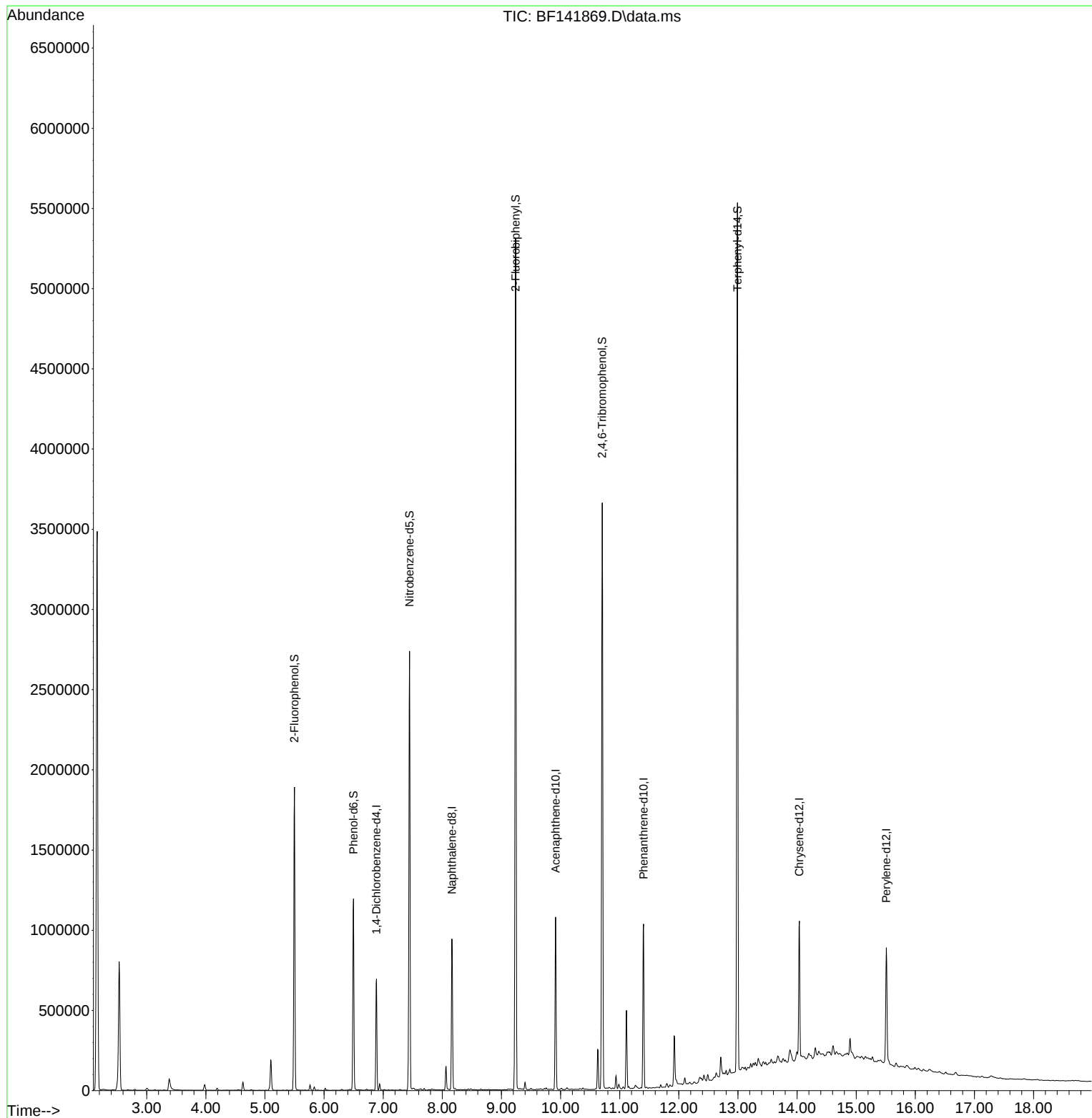
Target Compounds	Qvalue

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

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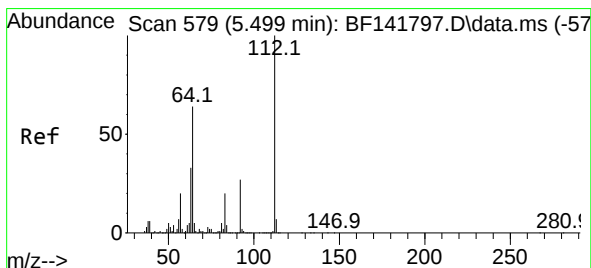
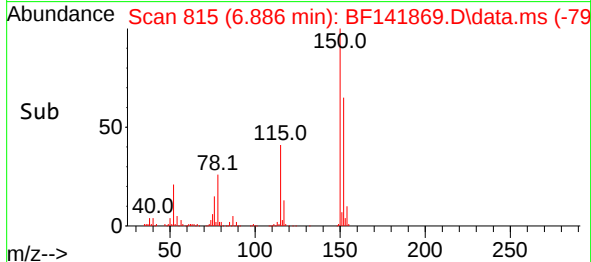
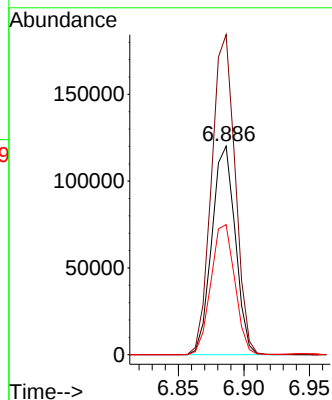
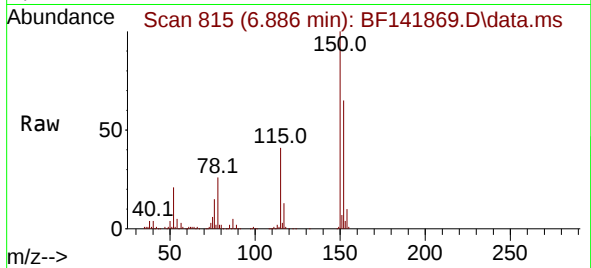




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF141869.D
Acq: 06 Mar 2025 15:30

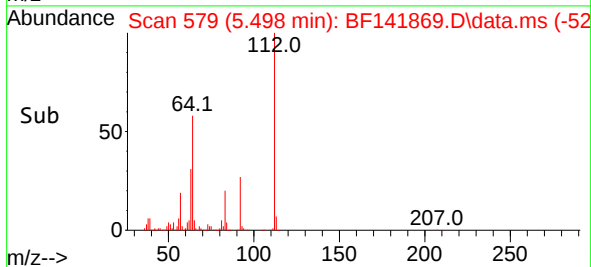
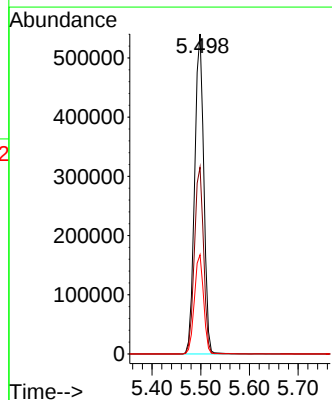
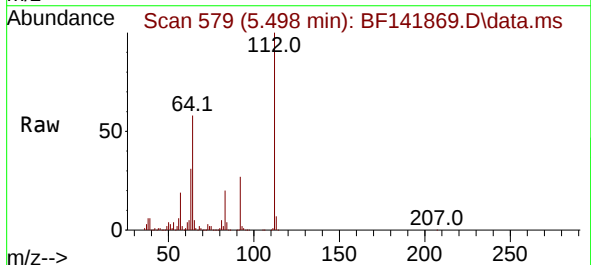
Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

Tgt Ion:152 Resp: 149239
Ion Ratio Lower Upper
152 100
150 153.5 127.5 191.3
115 62.4 51.4 77.2



#5
2-Fluorophenol
Concen: 75.936 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF141869.D
Acq: 06 Mar 2025 15:30

Tgt Ion:112 Resp: 709620
Ion Ratio Lower Upper
112 100
64 58.3 51.3 76.9
63 31.0 26.2 39.4

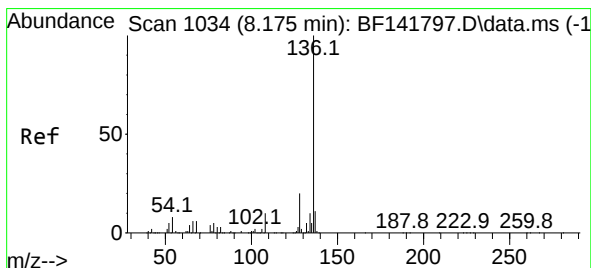
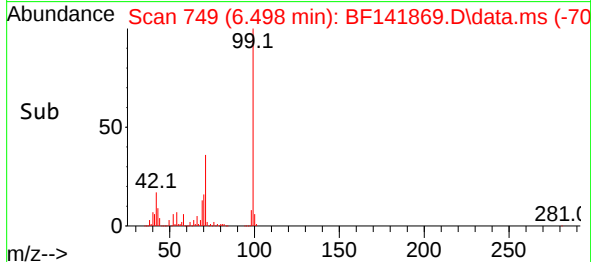
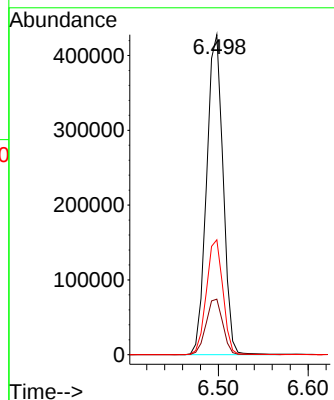
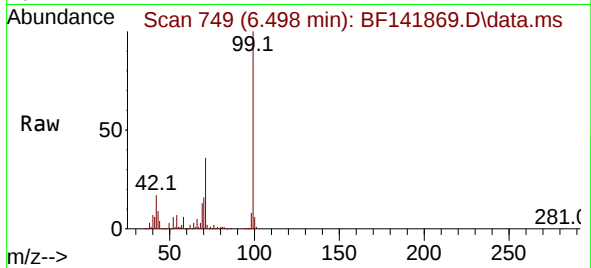




#7
Phenol-d6
Concen: 44.811 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141869.D
Acq: 06 Mar 2025 15:30

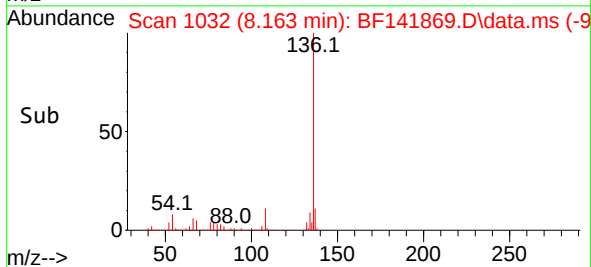
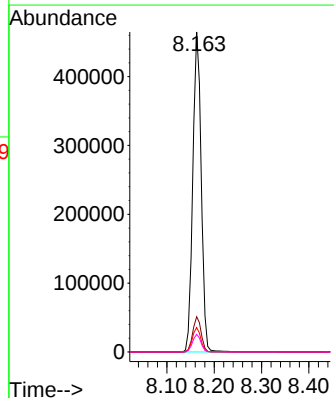
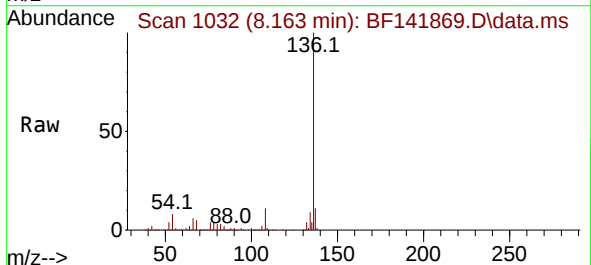
Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

Tgt Ion: 99 Resp: 545054
Ion Ratio Lower Upper
99 100
42 17.4 15.2 22.8
71 35.9 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: BF141869.D
Acq: 06 Mar 2025 15:30

Tgt Ion:136 Resp: 572947
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 6.9 10.3
68 5.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 140.800 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141869.D

Acq: 06 Mar 2025 15:30

Instrument :

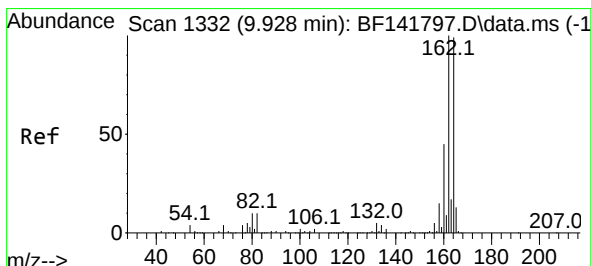
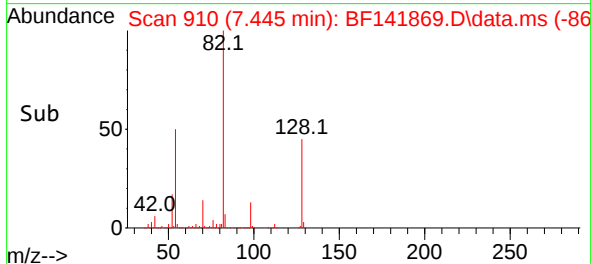
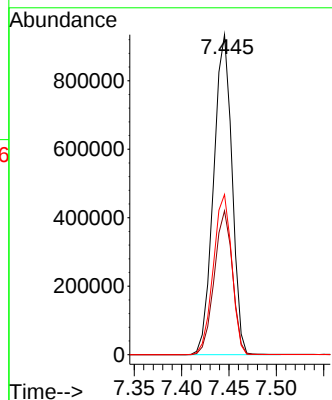
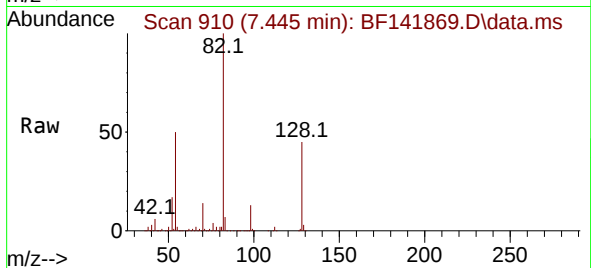
BNA_F

ClientSampleId :

IDW-AQ-IW-02-COMP-022825

Tgt Ion: 82 Resp: 1262060

Ion	Ratio	Lower	Upper
82	100		
128	44.9	33.5	50.3
54	50.0	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

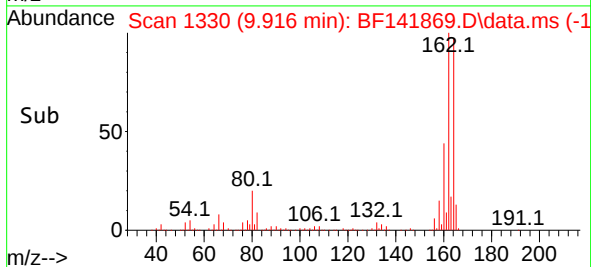
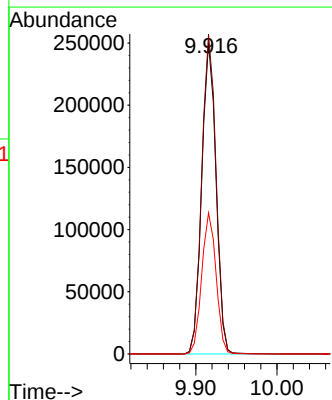
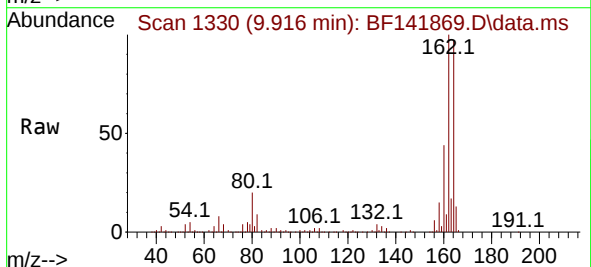
Delta R.T. -0.012 min

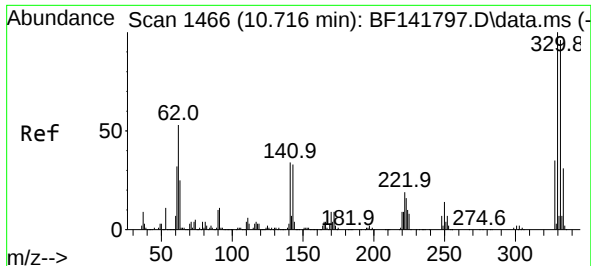
Lab File: BF141869.D

Acq: 06 Mar 2025 15:30

Tgt Ion: 164 Resp: 305084

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	45.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 222.110 ng

RT: 10.704 min Scan# 1466

Delta R.T. -0.012 min

Lab File: BF141869.D

Acq: 06 Mar 2025 15:30

Instrument :

BNA_F

ClientSampleId :

IDW-AQ-IW-02-COMP-022825

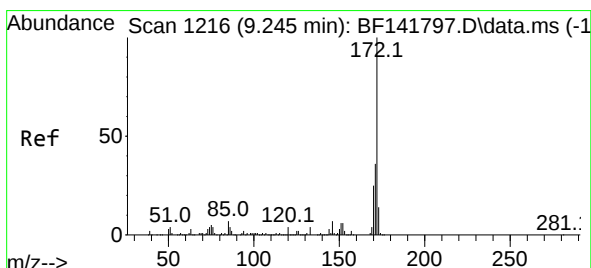
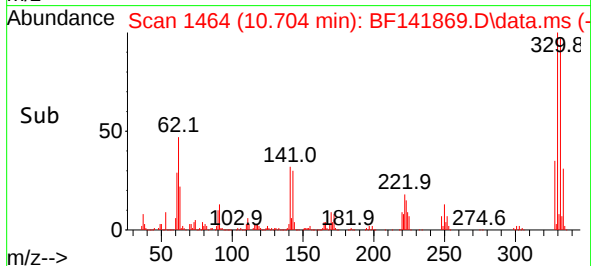
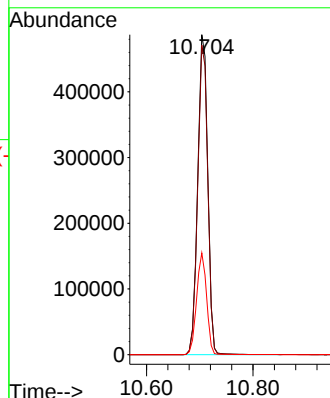
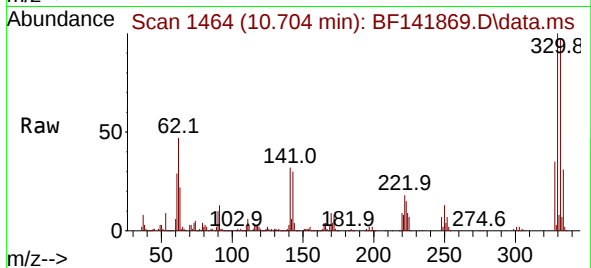
Tgt Ion:330 Resp: 636164

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

141 31.7 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 120.023 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141869.D

Acq: 06 Mar 2025 15:30

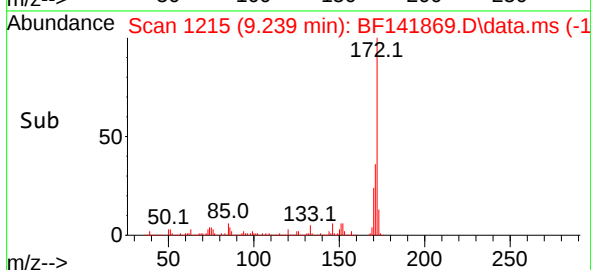
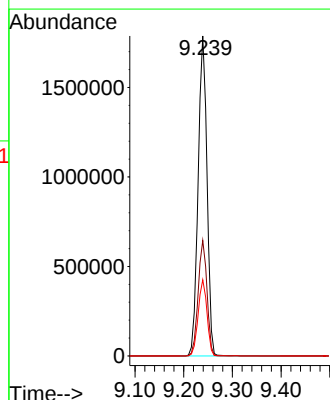
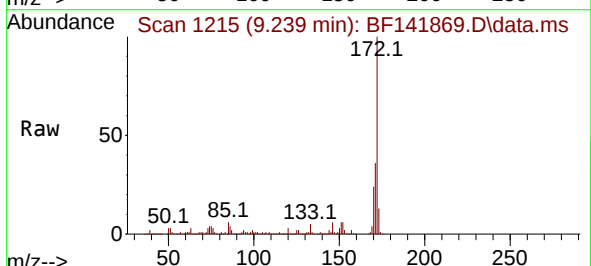
Tgt Ion:172 Resp: 2283657

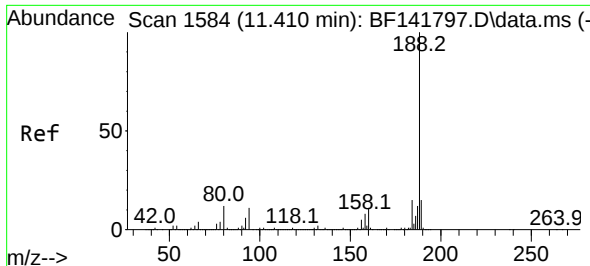
Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

170 23.8 19.7 29.5

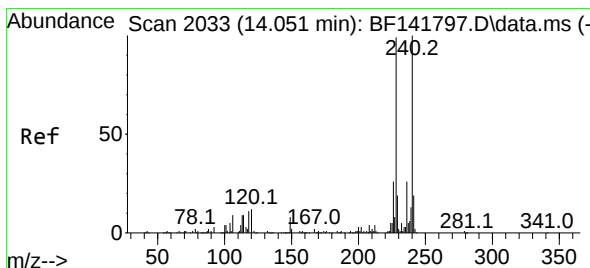
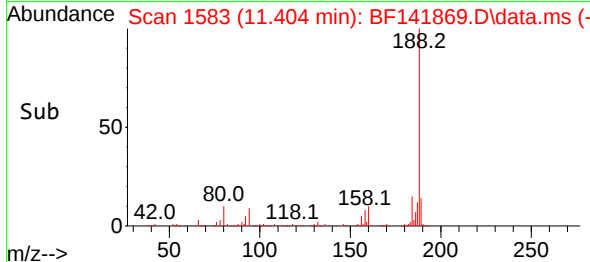
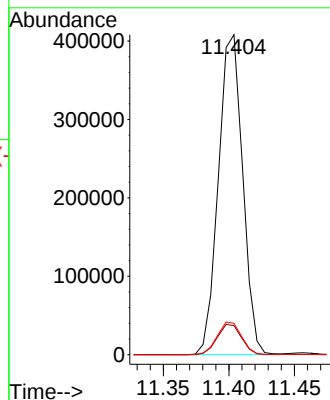
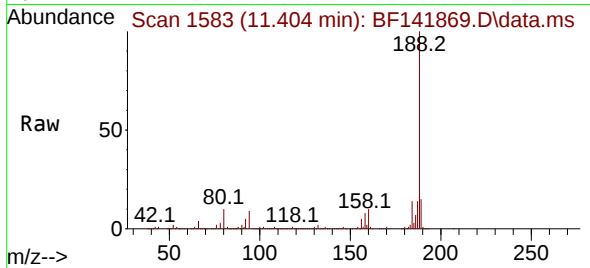




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141869.D
Acq: 06 Mar 2025 15:30

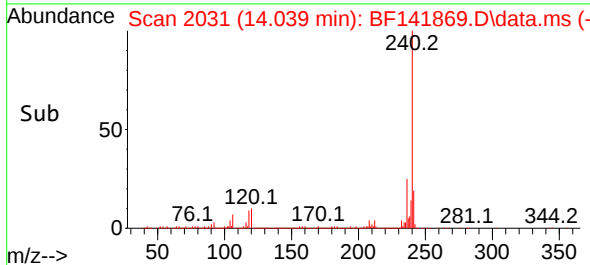
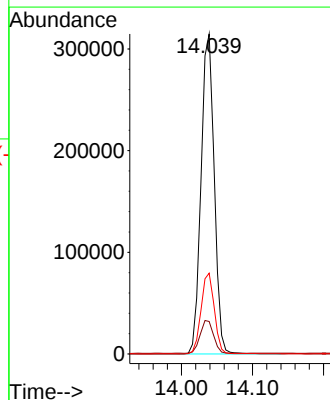
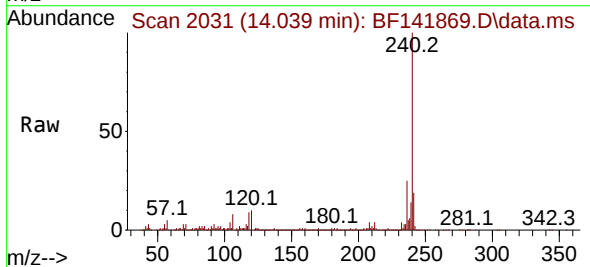
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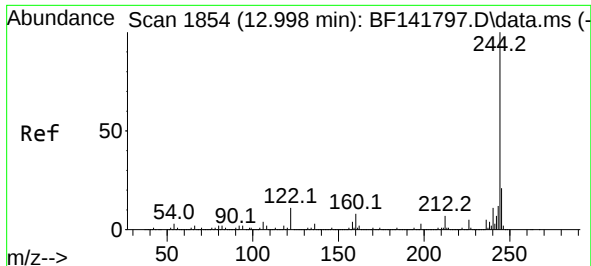
Tgt Ion:188 Resp: 525653
Ion Ratio Lower Upper
188 100
94 9.1 8.9 13.3
80 9.8 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141869.D
Acq: 06 Mar 2025 15:30

Tgt Ion:240 Resp: 408038
Ion Ratio Lower Upper
240 100
120 10.1 9.7 14.5
236 25.2 21.0 31.4

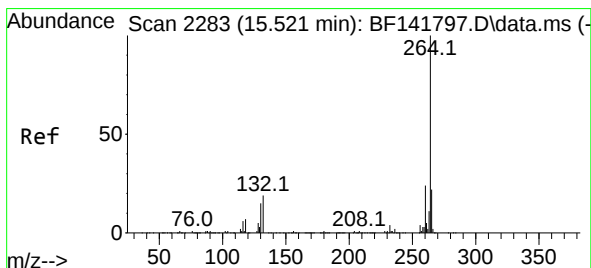
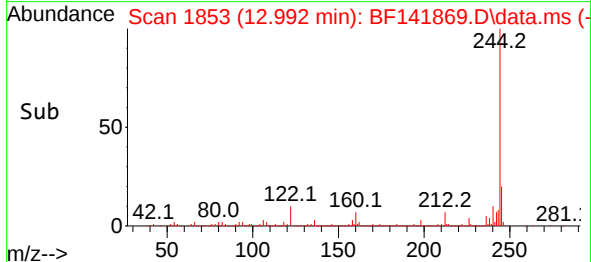
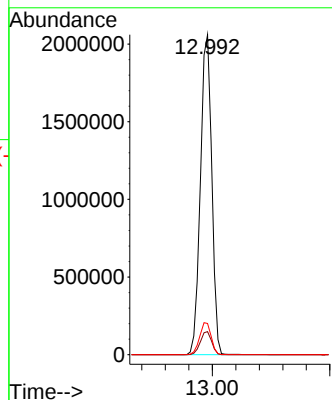
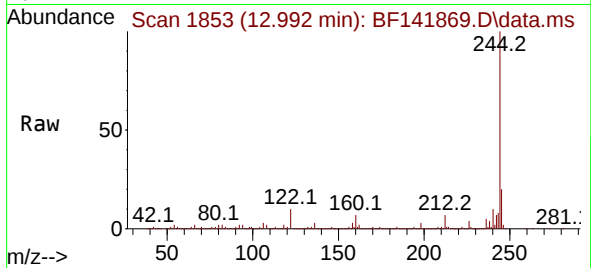




#79
 Terphenyl-d14
 Concen: 109.148 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF141869.D
 Acq: 06 Mar 2025 15:30

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-02-COMP-022825

Tgt Ion:244 Resp: 2752697
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.7 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: BF141869.D
 Acq: 06 Mar 2025 15:30

Tgt Ion:264 Resp: 419358
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.7 17.4 26.0

