

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141987.D
 Acq On : 18 Mar 2025 10:30
 Operator : RC/JU
 Sample : PB167168BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167168BL

Quant Time: Mar 18 11:22:13 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	6.881	152	150161	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	582481	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	328657	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	587512	20.000	ng	0.00
76) Chrysene-d12	14.039	240	398767	20.000	ng	0.00
86) Perylene-d12	15.515	264	350327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1235124	137.277	ng	0.01
7) Phenol-d6	6.504	99	1508179	131.655	ng	0.00
23) Nitrobenzene-d5	7.439	82	1004203	97.020	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	621152	148.977	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2084258	96.446	ng	0.00
79) Terphenyl-d14	12.986	244	2715937	100.695	ng	0.00

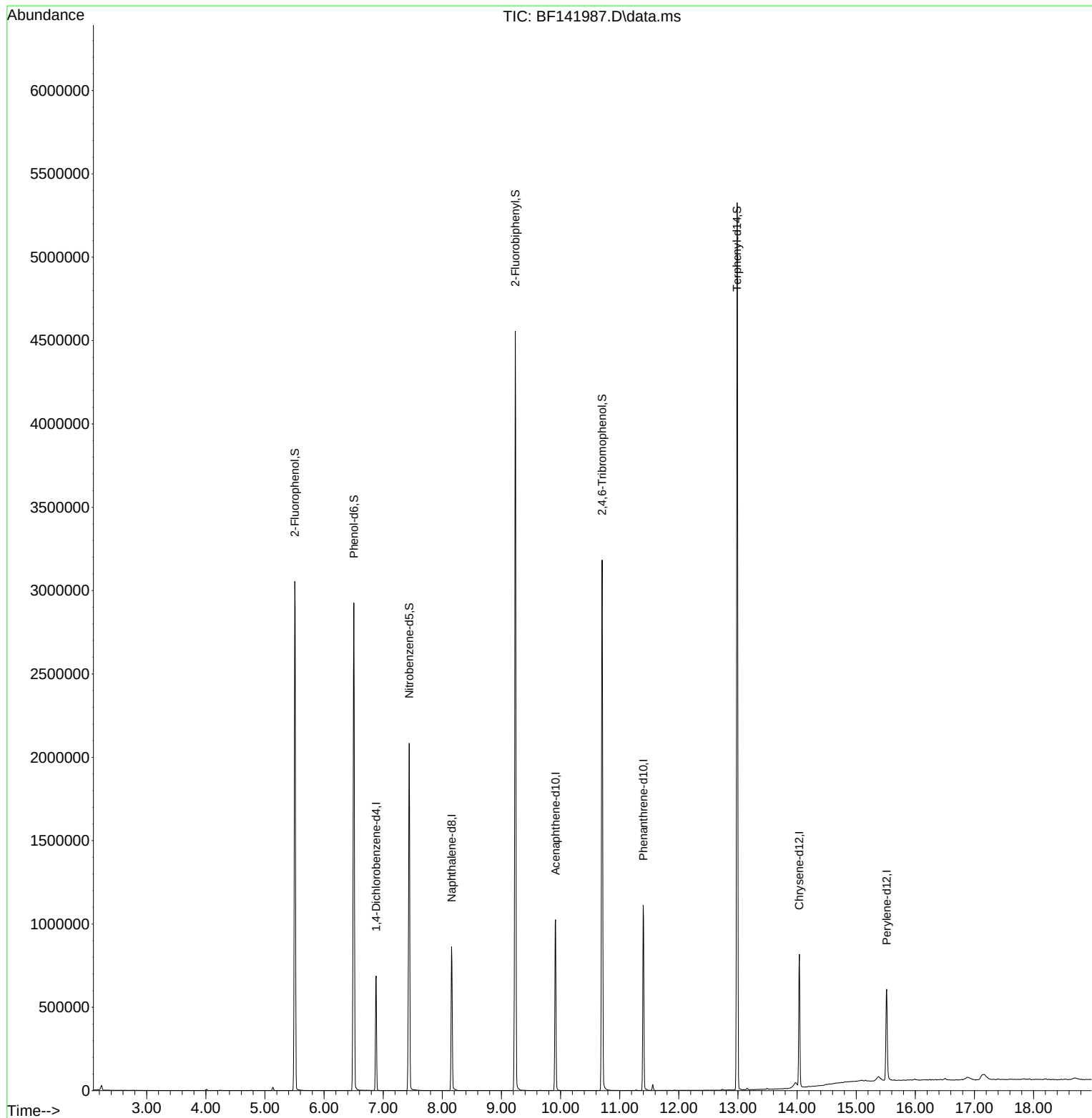
Target Compounds	Qvalue

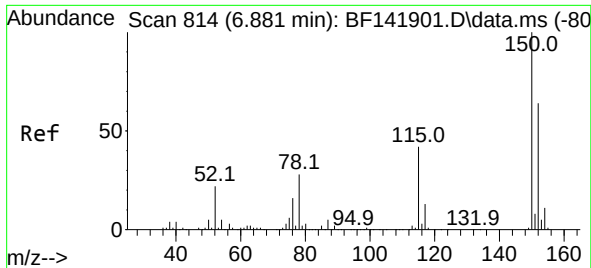
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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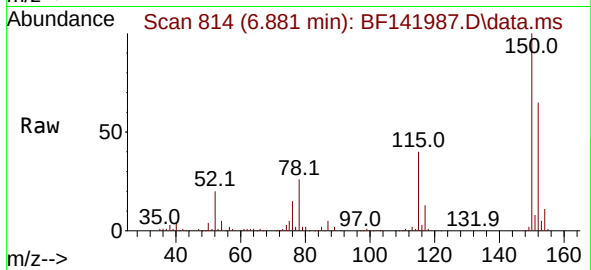
Quant Time: Mar 18 11:22:13 2025
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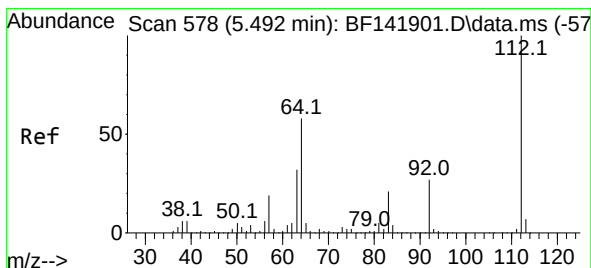
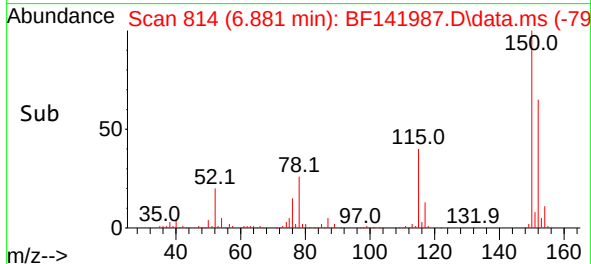
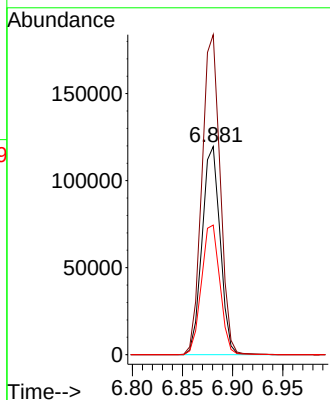


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141987.D
 Acq: 18 Mar 2025 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB167168BL

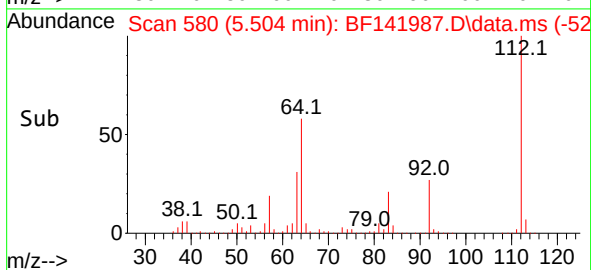
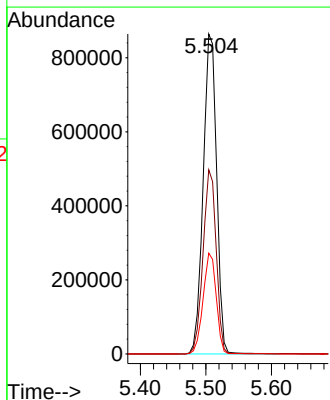
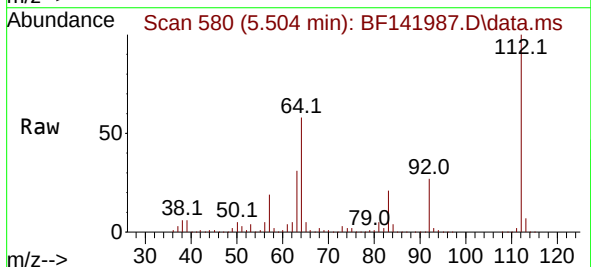


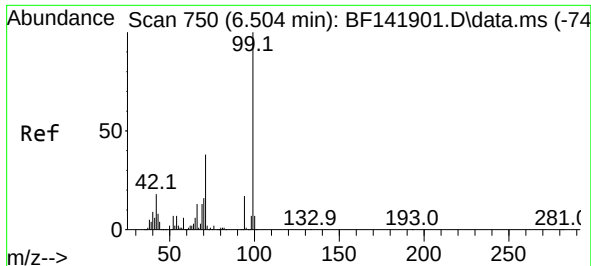
Tgt Ion:152 Resp: 150161
 Ion Ratio Lower Upper
 152 100
 150 153.7 127.4 191.2
 115 62.2 51.9 77.9



#5
 2-Fluorophenol
 Concen: 137.277 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF141987.D
 Acq: 18 Mar 2025 10:30

Tgt Ion:112 Resp: 1235124
 Ion Ratio Lower Upper
 112 100
 64 57.5 46.5 69.7
 63 31.5 25.4 38.2



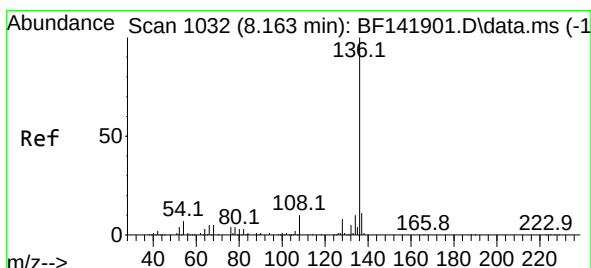
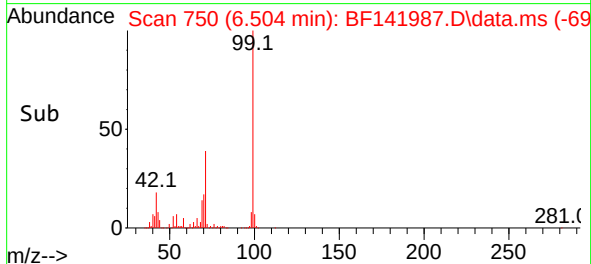
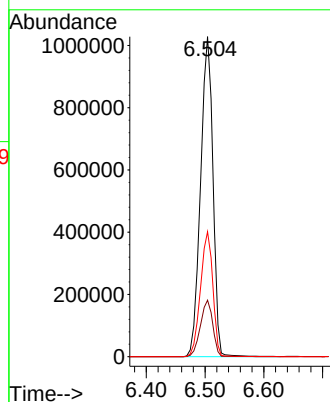
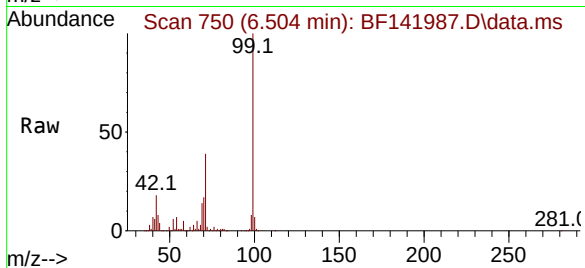


#7
Phenol-d6
Concen: 131.655 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB167168BL

Tgt Ion: 99 Resp: 1508179

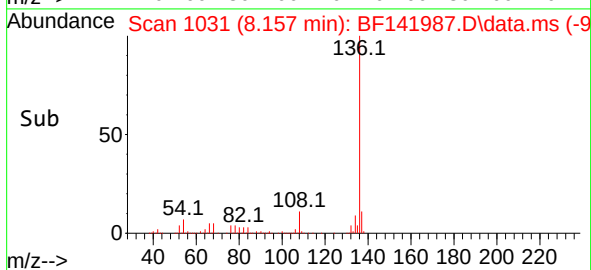
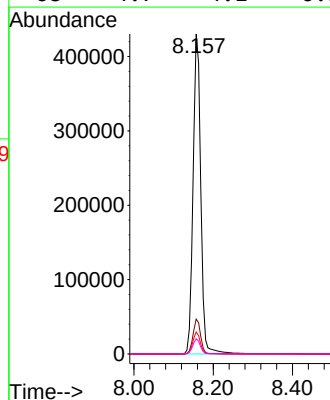
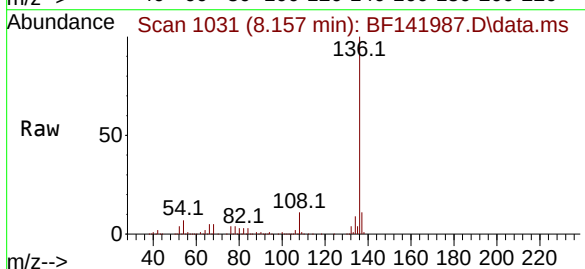
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	21.8
71	39.1	30.8	46.2

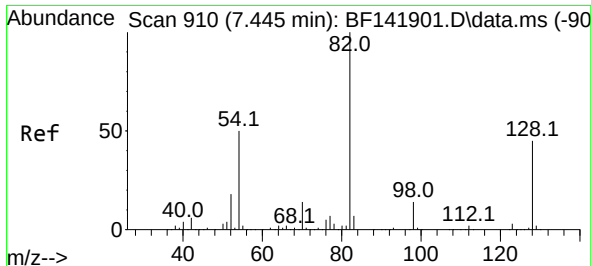


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

Tgt Ion:136 Resp: 582481

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.8	8.8
68	4.7	4.1	6.1





#23

Nitrobenzene-d5

Concen: 97.020 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141987.D

Acq: 18 Mar 2025 10:30

Instrument :

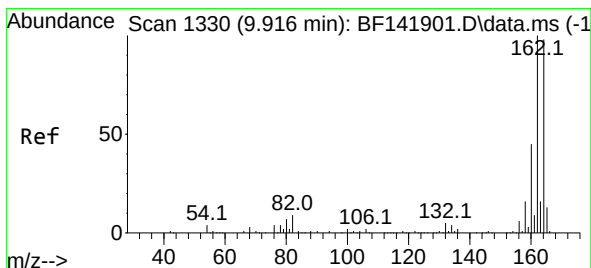
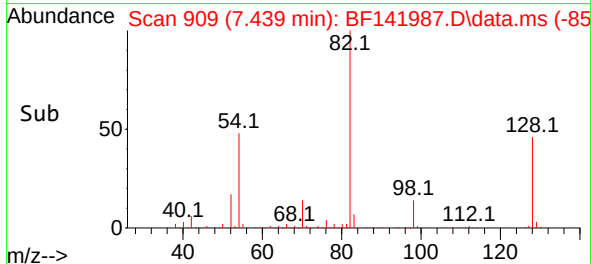
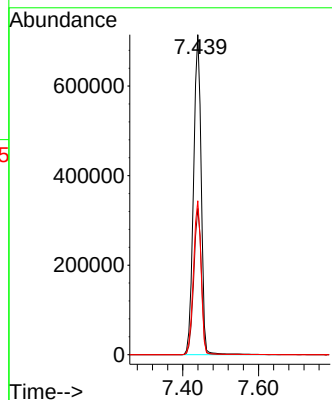
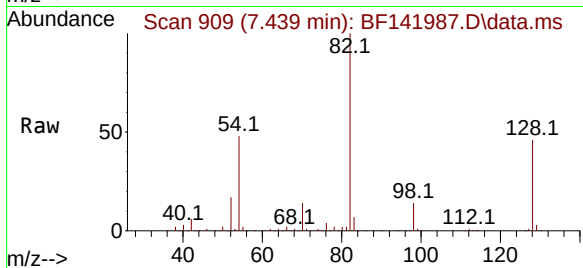
BNA_F

ClientSampleId :

PB167168BL

Tgt Ion: 82 Resp: 1004203

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.0	54.0
54	48.1	39.6	59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

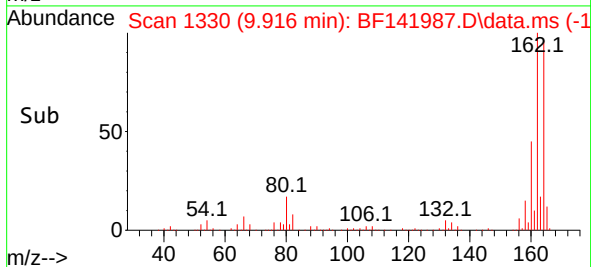
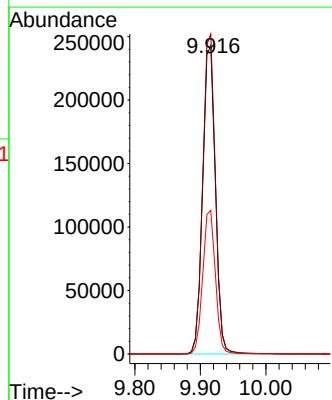
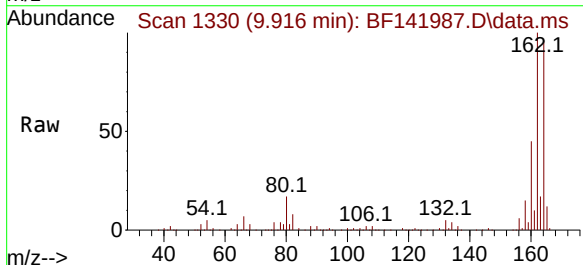
Delta R.T. -0.000 min

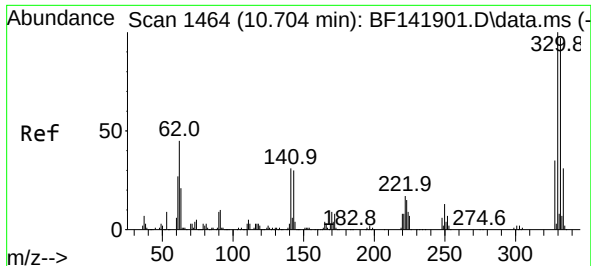
Lab File: BF141987.D

Acq: 18 Mar 2025 10:30

Tgt Ion:164 Resp: 328657

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	46.6	36.7	55.1

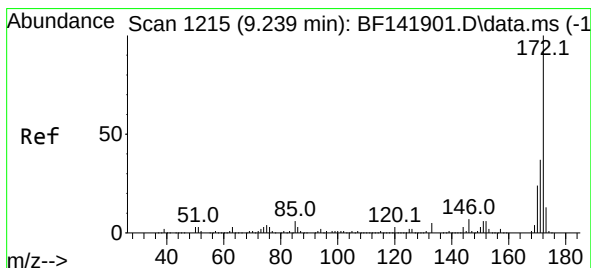
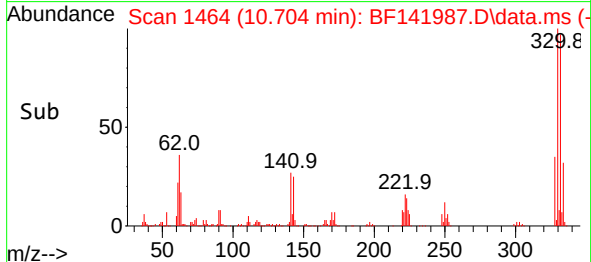
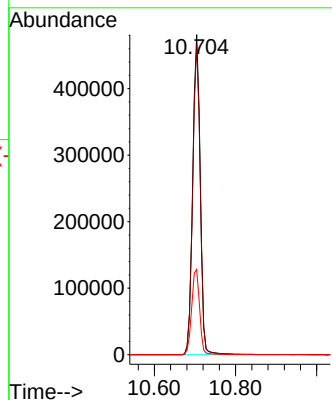
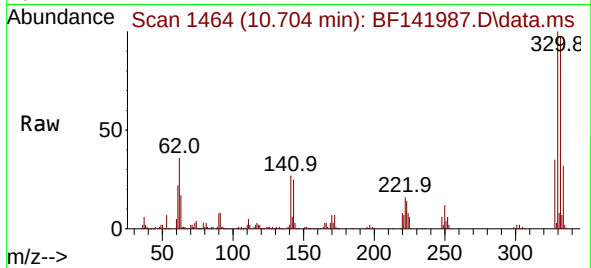




#42
2,4,6-Tribromophenol
Concen: 148.977 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

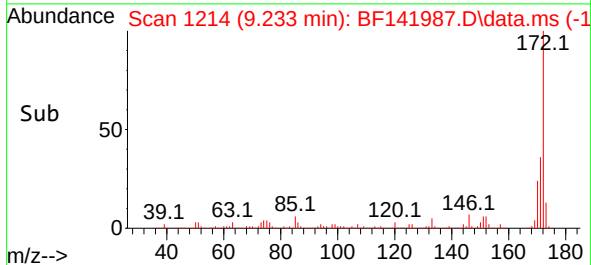
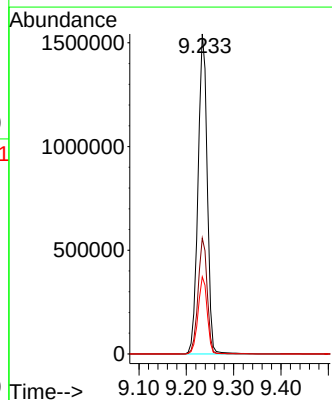
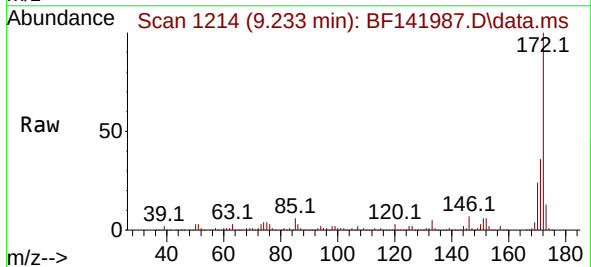
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PB167168BL

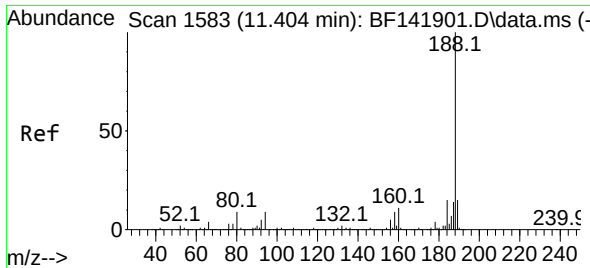
Tgt Ion:330 Resp: 621152
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 28.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 96.446 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

Tgt Ion:172 Resp: 2084258
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.1 19.4 29.0

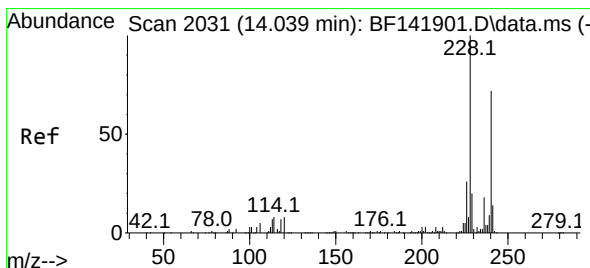
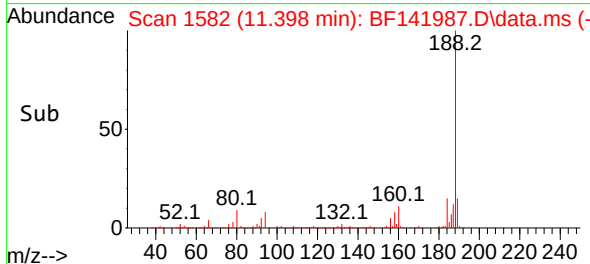
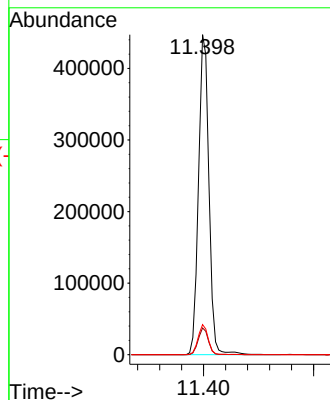
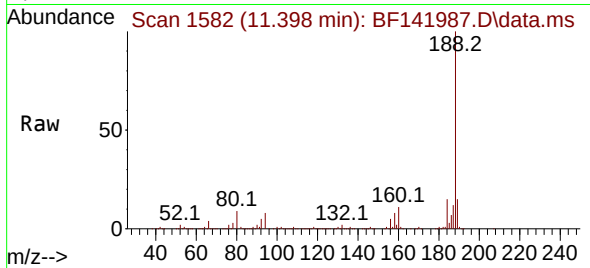




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

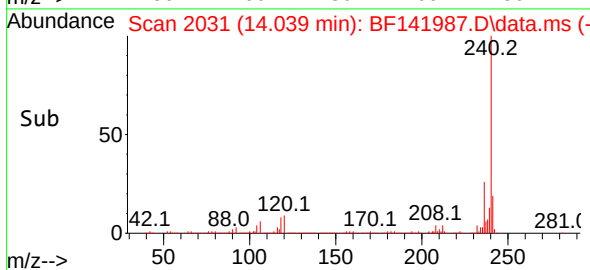
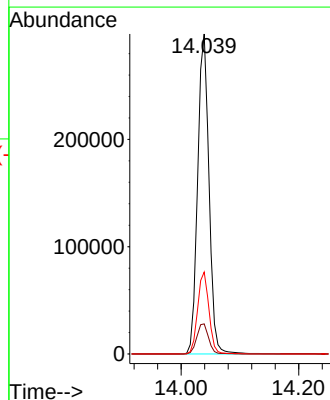
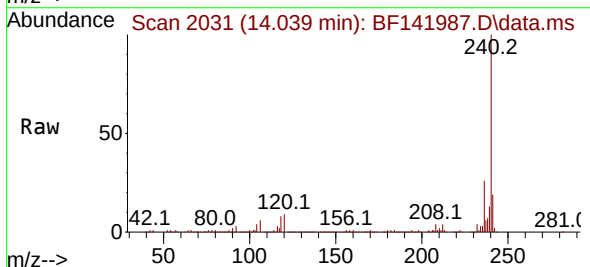
Instrument :
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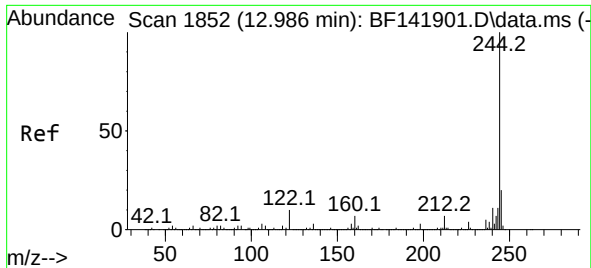
Tgt Ion:188 Resp: 587512
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

Tgt Ion:240 Resp: 398767
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.6 20.5 30.7

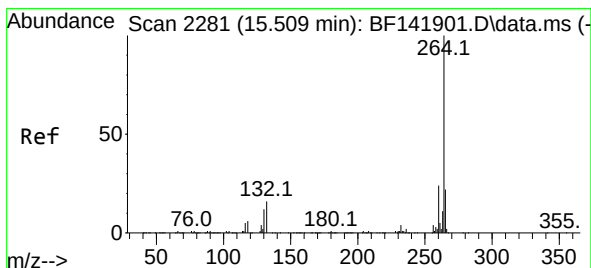
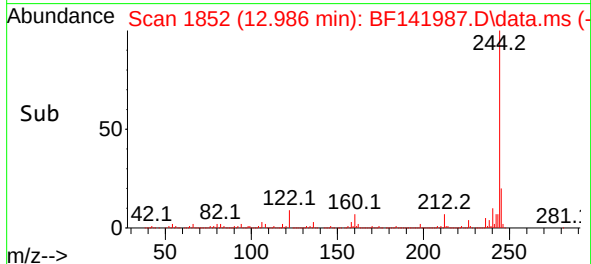
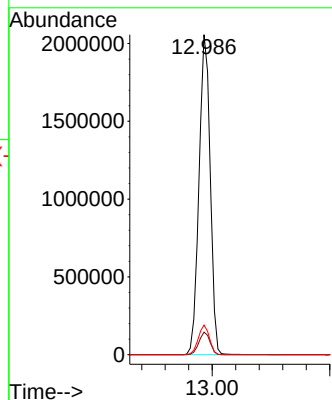
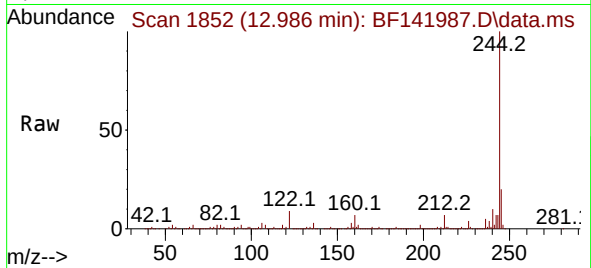




#79
 Terphenyl-d14
 Concen: 100.695 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF141987.D
 Acq: 18 Mar 2025 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB167168BL

Tgt Ion:244 Resp: 2715937
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. 0.006 min
 Lab File: BF141987.D
 Acq: 18 Mar 2025 10:30

Tgt Ion:264 Resp: 350327
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.6 17.5 26.3

