

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010325\
Data File : BF141066.D
Acq On : 03 Jan 2025 14:30
Operator : RC/JU
Sample : PB165934TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165934TB

Quant Time: Jan 03 14:53:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	242832	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	976940	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	530542	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	908726	20.000	ng	0.00
76) Chrysene-d12	13.980	240	646715	20.000	ng	0.00
86) Perylene-d12	15.451	264	507673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2059297	127.831	ng	0.01
7) Phenol-d6	6.446	99	2588252	124.720	ng	0.00
23) Nitrobenzene-d5	7.387	82	1668618	109.275	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	782839	151.851	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2931300	88.028	ng	0.00
79) Terphenyl-d14	12.933	244	3434468	88.209	ng	0.00

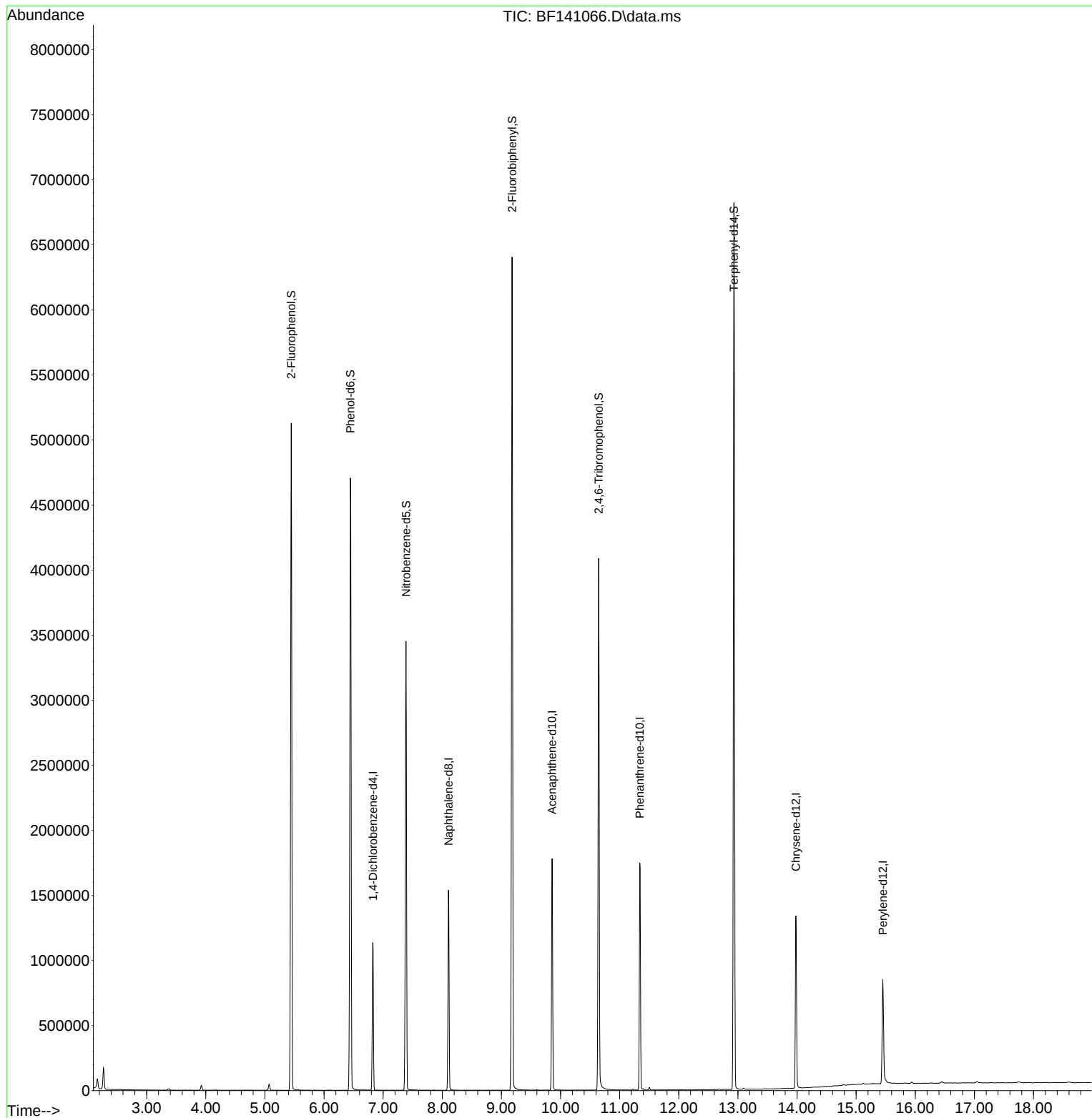
Target Compounds	Qvalue

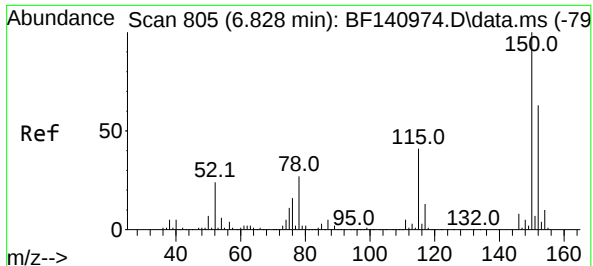
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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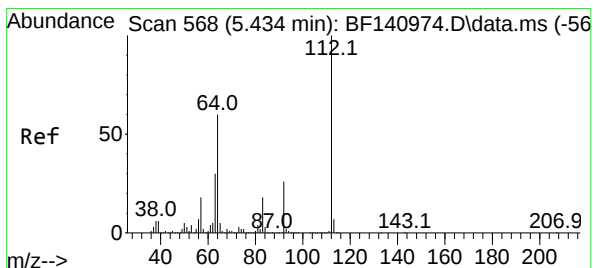
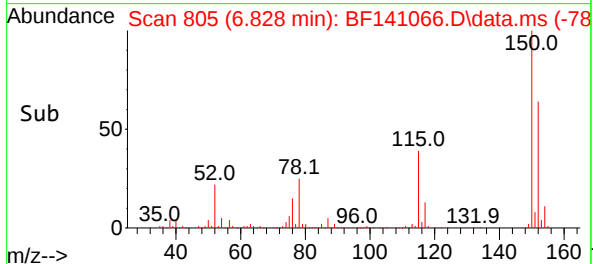
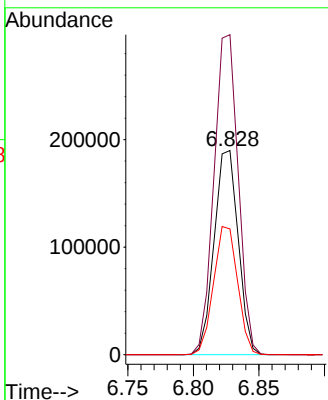
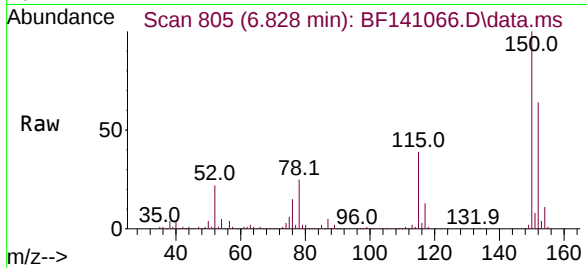




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141066.D
 Acq: 03 Jan 2025 14:30

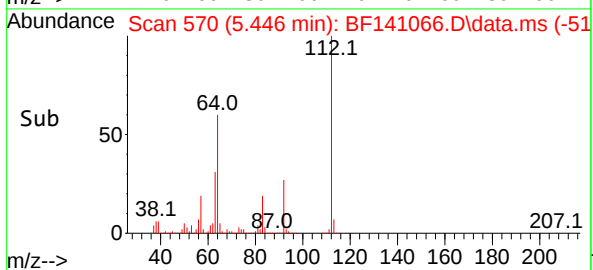
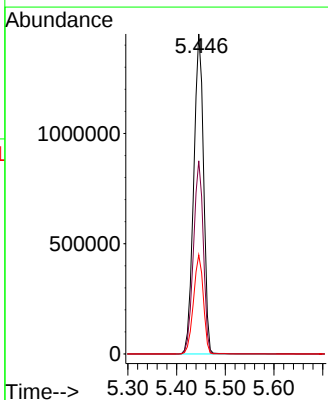
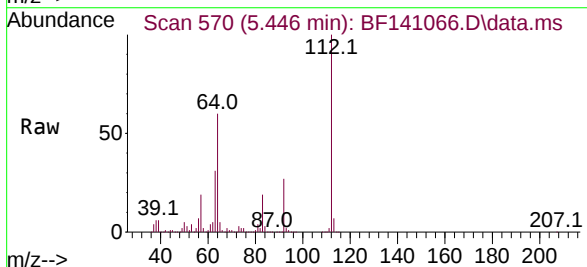
Instrument :
 BNA_F
 ClientSampleId :
 PB165934TB

Tgt Ion:152 Resp: 242832
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.0 190.6
 115 61.6 51.7 77.5



#5
 2-Fluorophenol
 Concen: 127.831 ng
 RT: 5.446 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF141066.D
 Acq: 03 Jan 2025 14:30

Tgt Ion:112 Resp: 2059297
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.7 71.5
 63 30.9 24.2 36.2



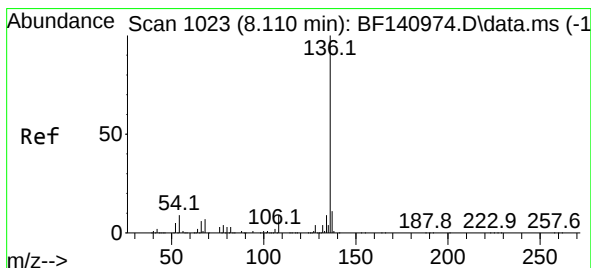
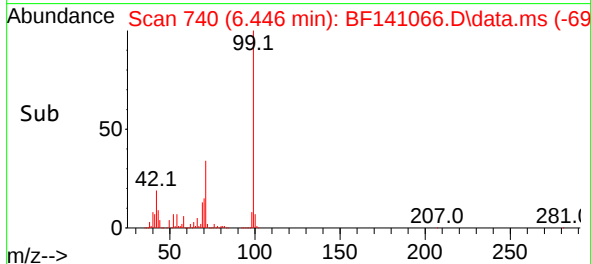
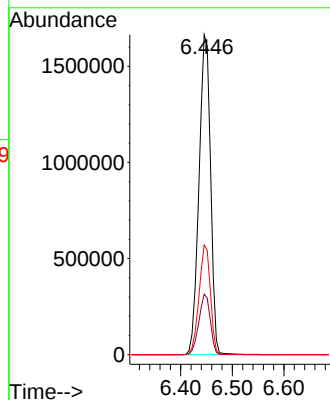
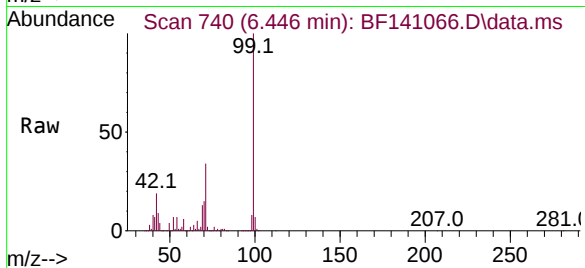


#7
Phenol-d6
Concen: 124.720 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141066.D
Acq: 03 Jan 2025 14:30

Instrument :
BNA_F
ClientSampleId :
PB165934TB

Tgt Ion: 99 Resp: 2588252

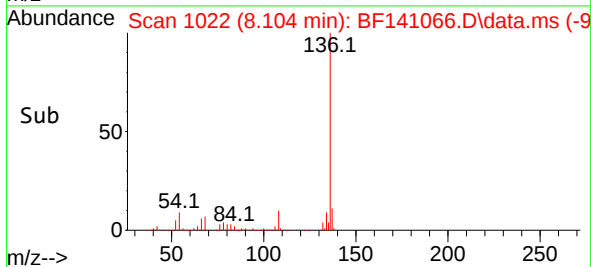
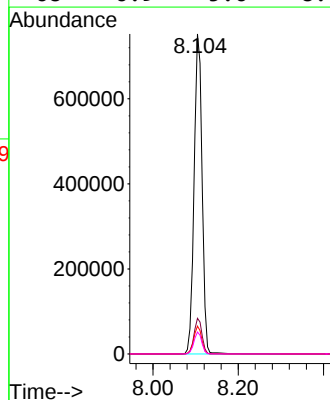
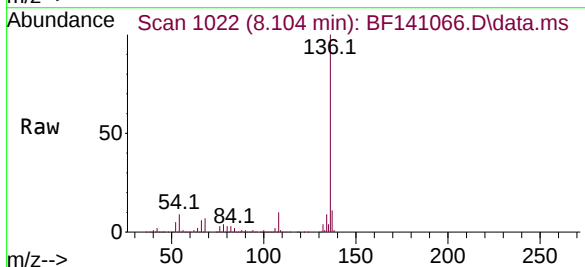
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.4
71	34.3	26.2	39.2

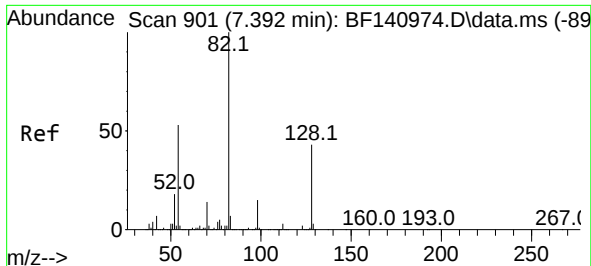


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141066.D
Acq: 03 Jan 2025 14:30

Tgt Ion: 136 Resp: 976940

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.7	7.6	11.4
68	6.9	5.6	8.4





#23

Nitrobenzene-d5

Concen: 109.275 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141066.D

Acq: 03 Jan 2025 14:30

Instrument :

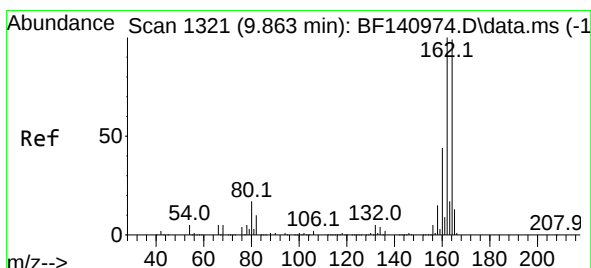
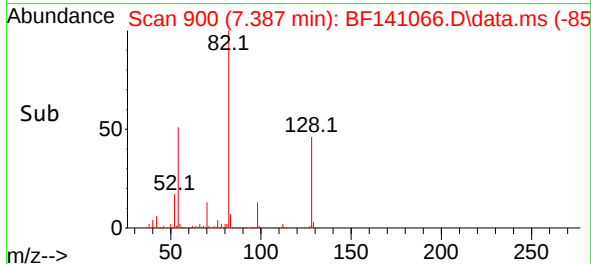
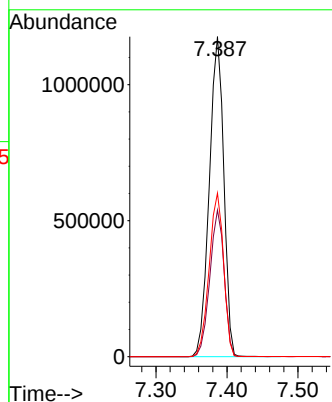
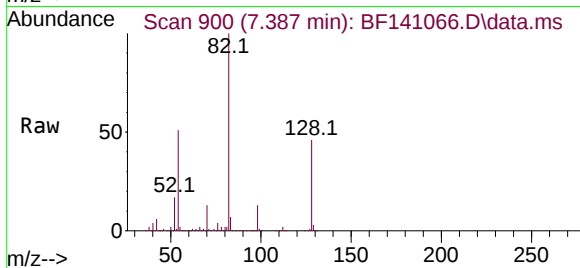
BNA_F

ClientSampleId :

PB165934TB

Tgt Ion: 82 Resp: 1668618

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.4	51.6
54	51.1	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

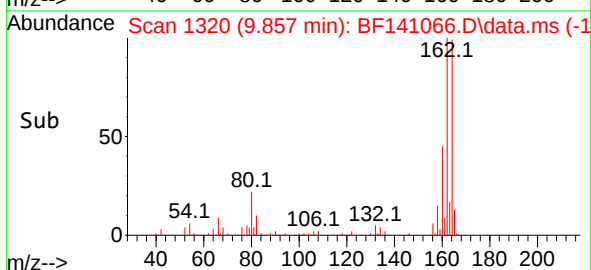
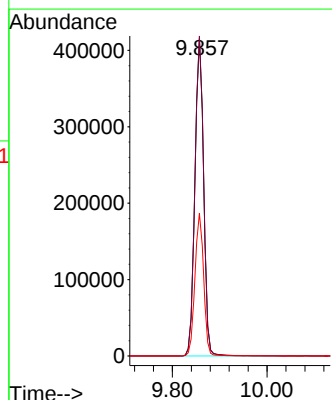
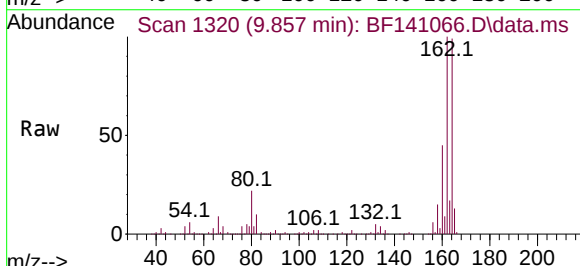
Delta R.T. -0.006 min

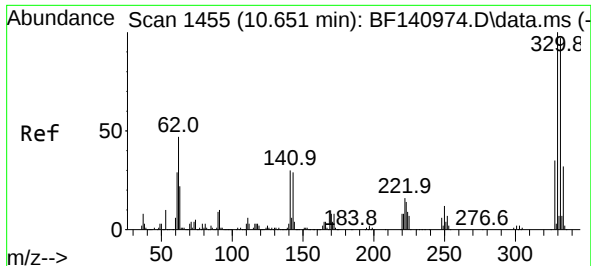
Lab File: BF141066.D

Acq: 03 Jan 2025 14:30

Tgt Ion: 164 Resp: 530542

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.9	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 151.851 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141066.D

Acq: 03 Jan 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB165934TB

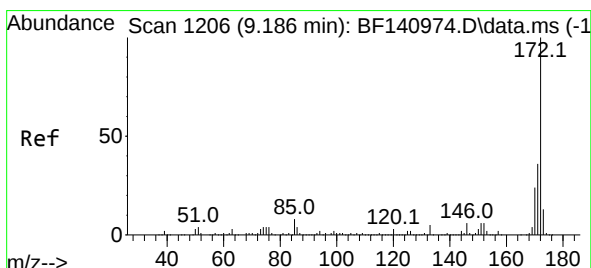
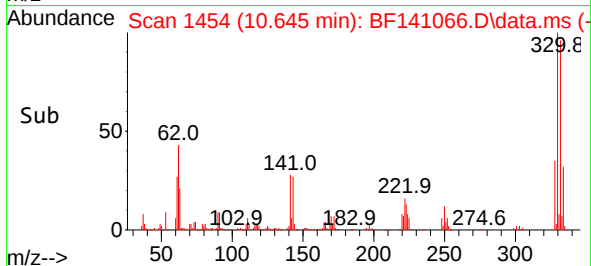
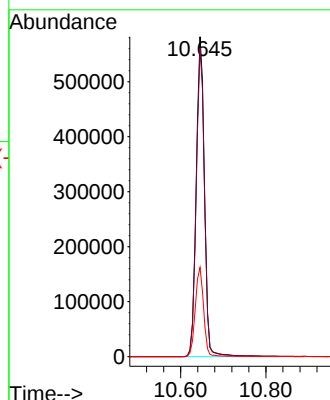
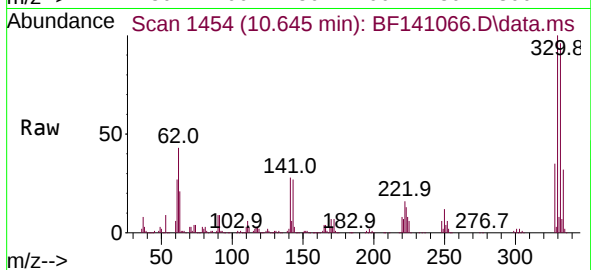
Tgt Ion:330 Resp: 782839

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 28.5 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 88.028 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141066.D

Acq: 03 Jan 2025 14:30

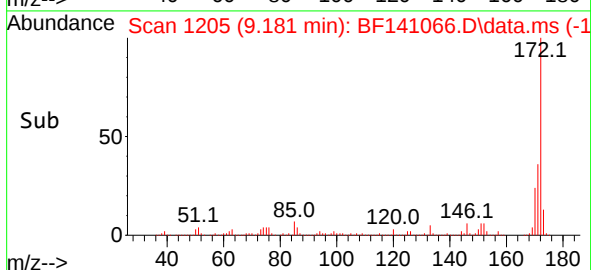
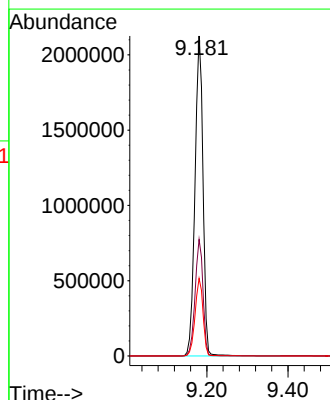
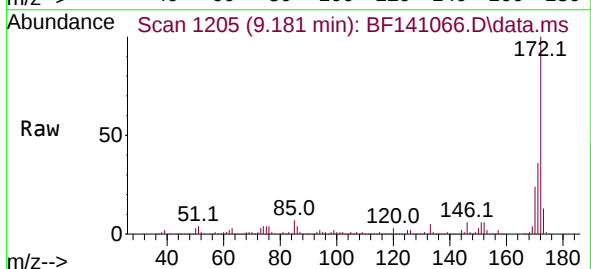
Tgt Ion:172 Resp: 2931300

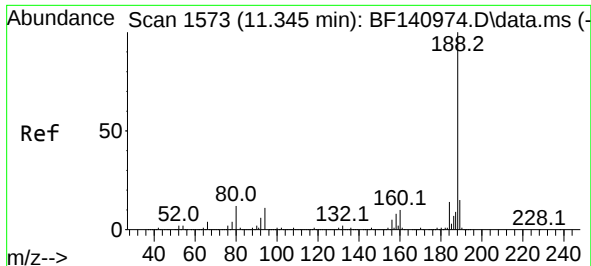
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

170 24.3 19.6 29.4

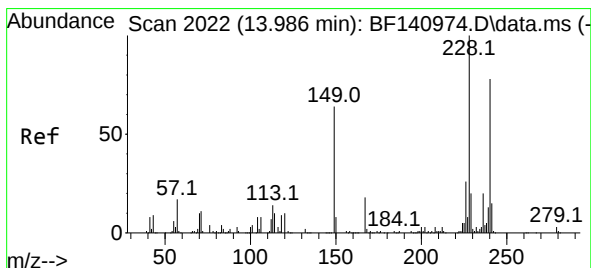
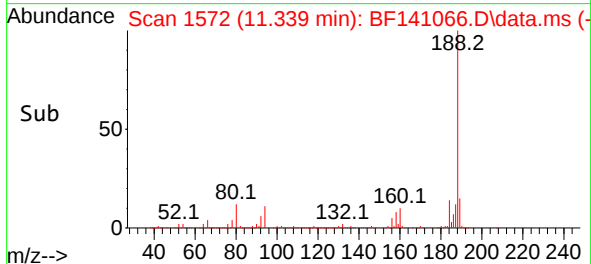
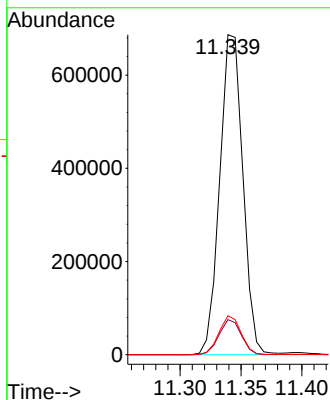
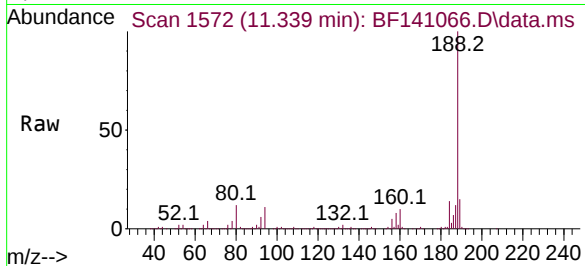




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141066.D
Acq: 03 Jan 2025 14:30

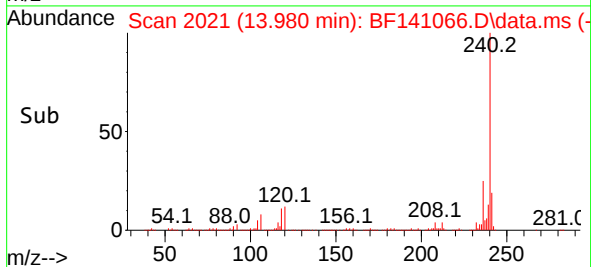
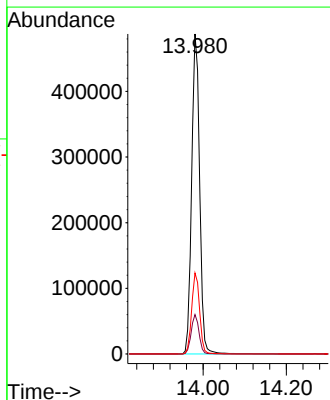
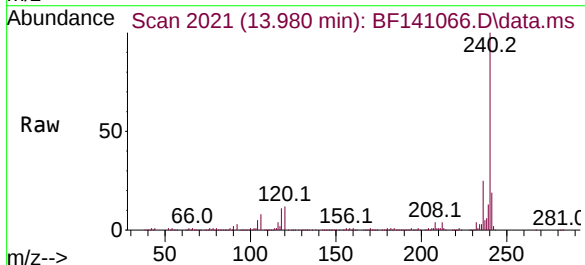
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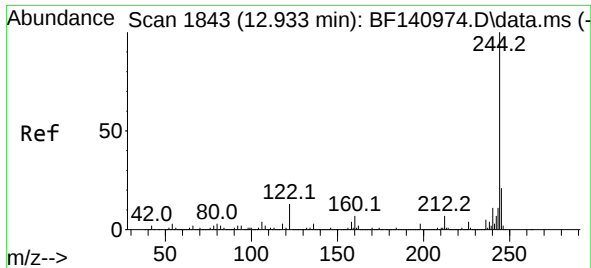
Tgt Ion:188 Resp: 908726
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 12.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141066.D
Acq: 03 Jan 2025 14:30

Tgt Ion:240 Resp: 646715
Ion Ratio Lower Upper
240 100
120 12.3 10.7 16.1
236 25.3 20.6 31.0

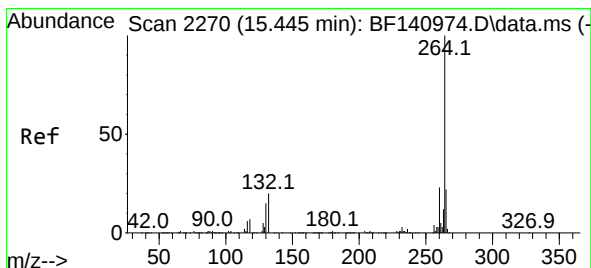
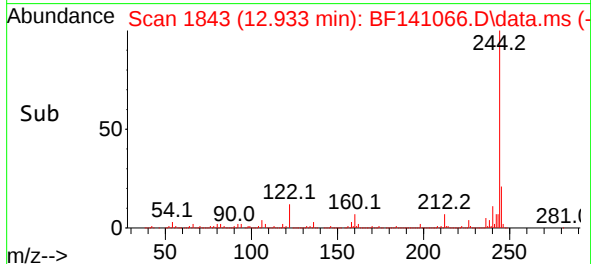
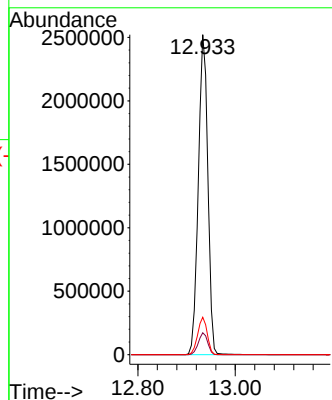
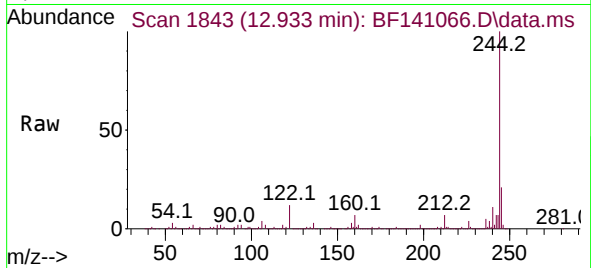




#79
 Terphenyl-d14
 Concen: 88.209 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141066.D
 Acq: 03 Jan 2025 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PB165934TB

Tgt Ion:244 Resp: 3434468
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.7 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF141066.D
 Acq: 03 Jan 2025 14:30

Tgt Ion:264 Resp: 507673
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 21.0 17.4 26.2

