

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
 Data File : BF141107.D
 Acq On : 09 Jan 2025 16:26
 Operator : RC/JU
 Sample : Q1034-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SF-6-B

Quant Time: Jan 09 16:58:47 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	204172	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	819615	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	465212	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	840894	20.000	ng	0.00
76) Chrysene-d12	13.980	240	620276	20.000	ng	0.00
86) Perylene-d12	15.451	264	457793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1378782	101.794	ng	0.01
7) Phenol-d6	6.451	99	1925056	110.327	ng	0.00
23) Nitrobenzene-d5	7.386	82	1386510	108.229	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	631724	139.747	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2613143	89.494	ng	0.00
79) Terphenyl-d14	12.939	244	3356281	89.876	ng	0.00

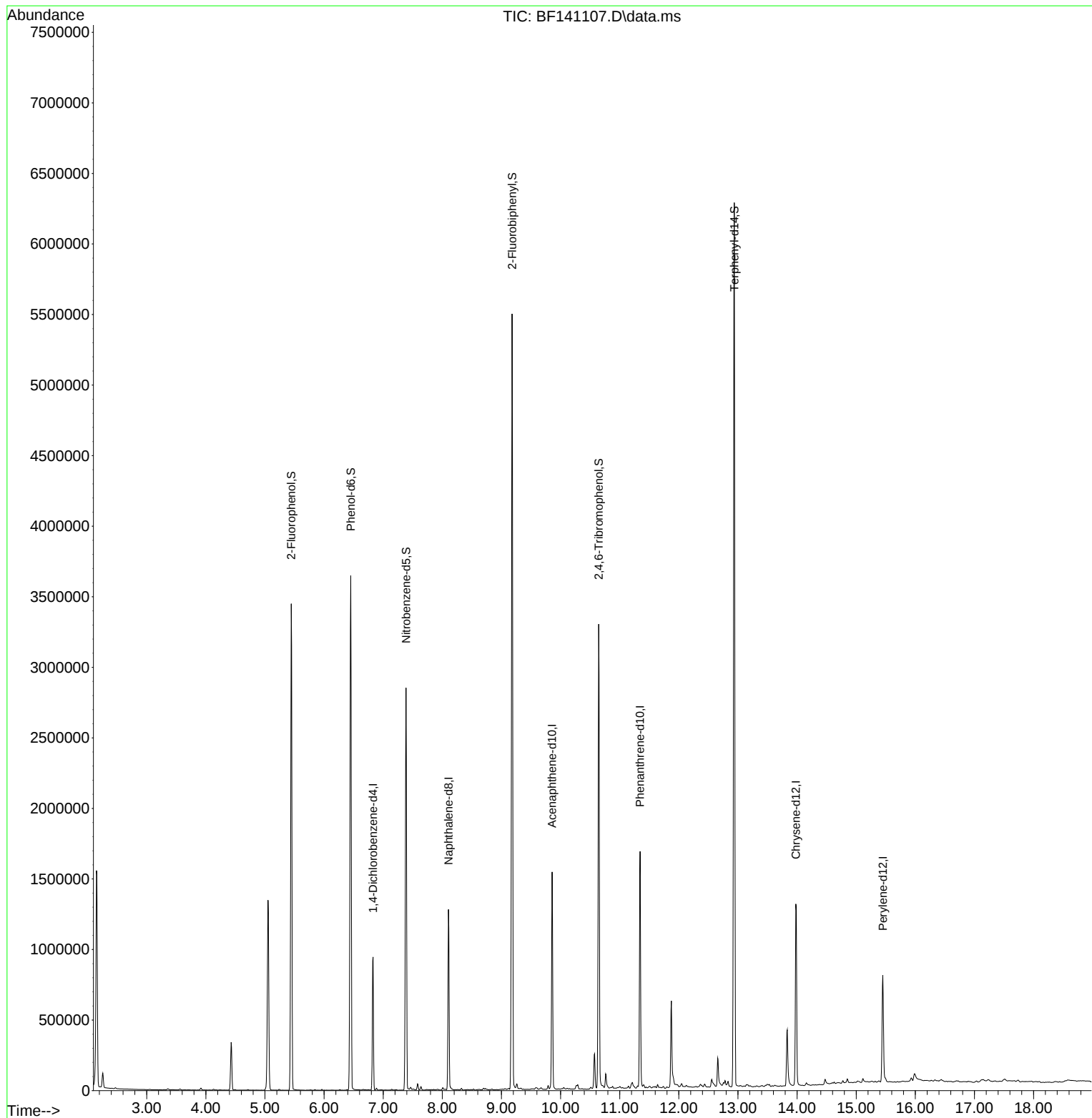
Target Compounds	Qvalue

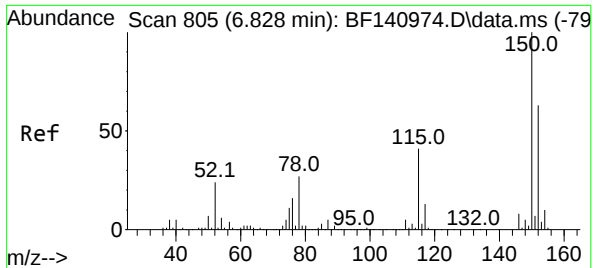
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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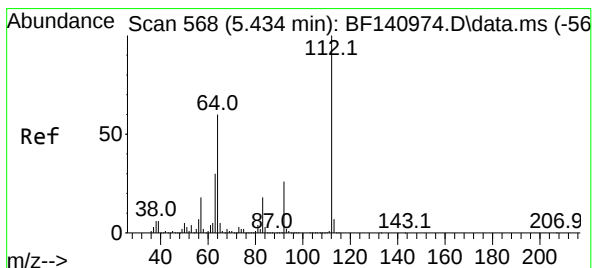
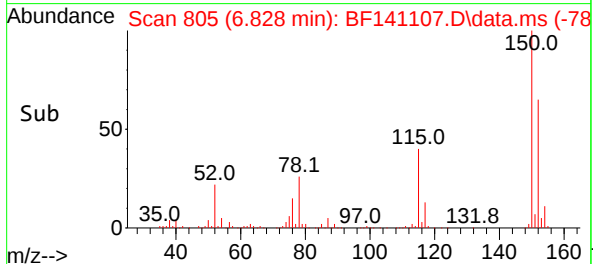
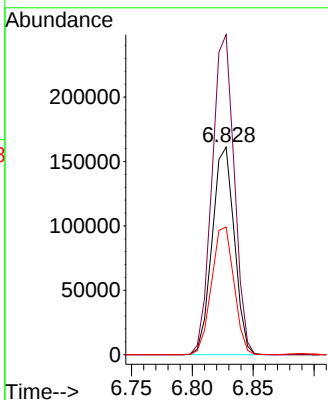
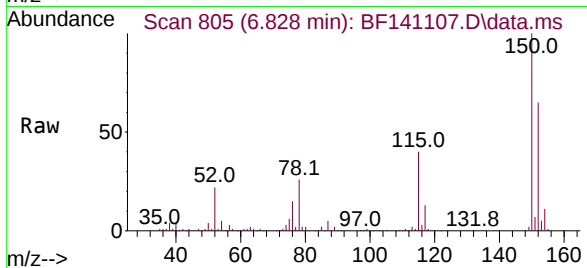




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141107.D
 Acq: 09 Jan 2025 16:26

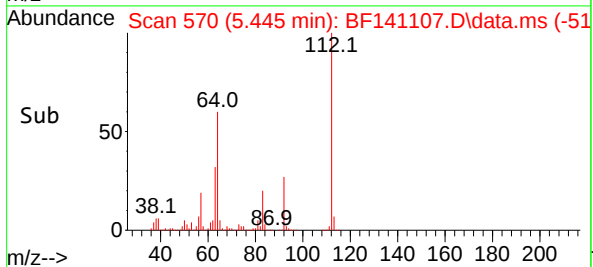
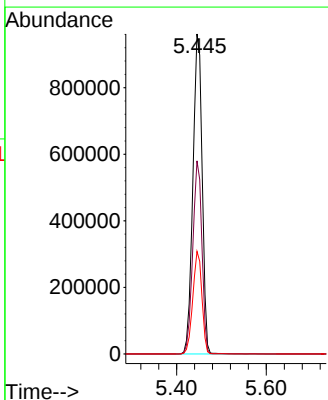
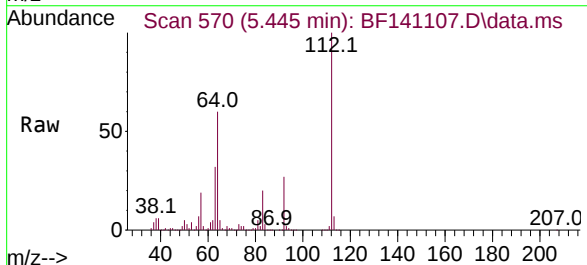
Instrument :
 BNA_F
 ClientSampleId :
 SF-6-B

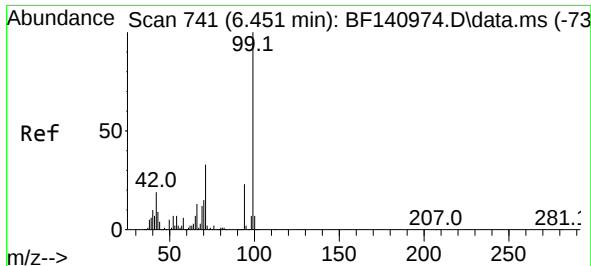
Tgt Ion:152 Resp: 204172
 Ion Ratio Lower Upper
 152 100
 150 154.1 127.0 190.6
 115 61.5 51.7 77.5



#5
 2-Fluorophenol
 Concen: 101.794 ng
 RT: 5.445 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF141107.D
 Acq: 09 Jan 2025 16:26

Tgt Ion:112 Resp: 1378782
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.7 71.5
 63 32.1 24.2 36.2

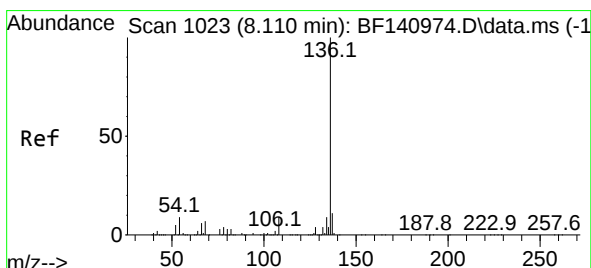
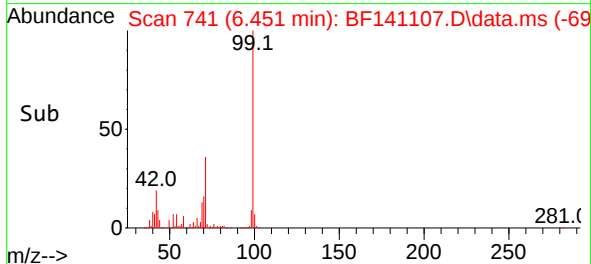
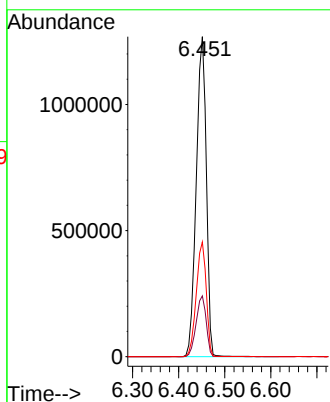
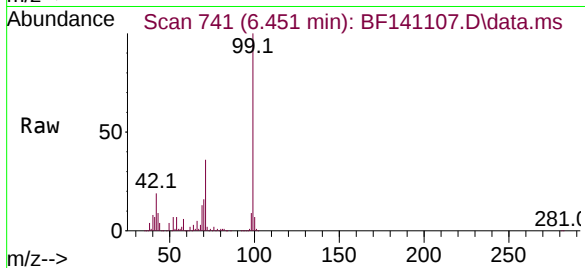




#7
Phenol-d6
Concen: 110.327 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

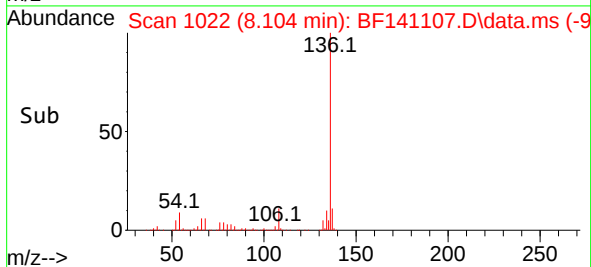
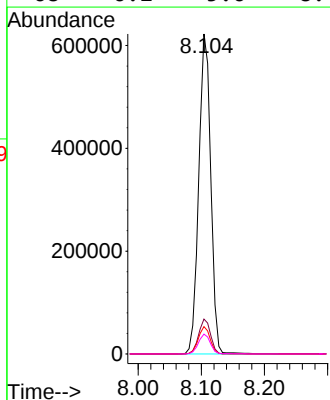
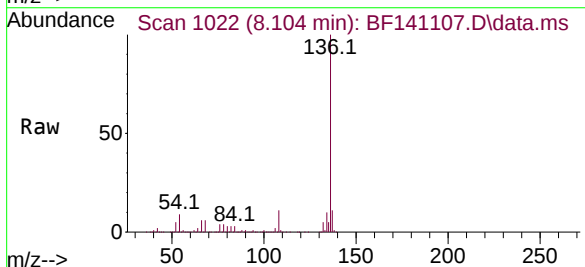
Instrument :
BNA_F
ClientSampleId :
SF-6-B

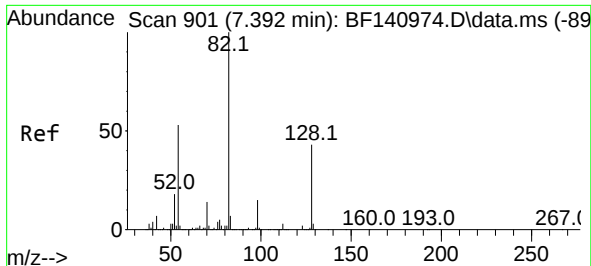
Tgt Ion: 99 Resp: 1925056
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 35.9 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

Tgt Ion:136 Resp: 819615
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.5 7.6 11.4
68 6.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 108.229 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141107.D

Acq: 09 Jan 2025 16:26

Instrument :

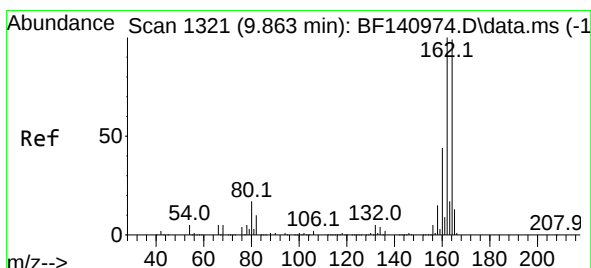
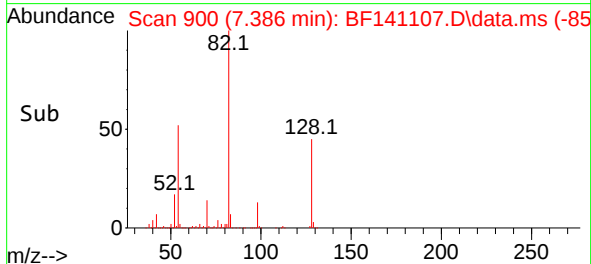
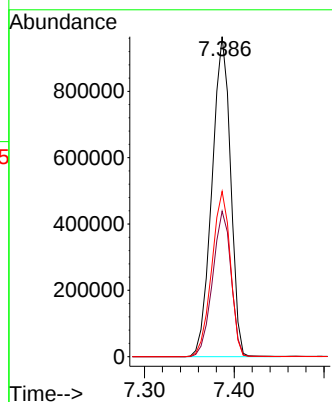
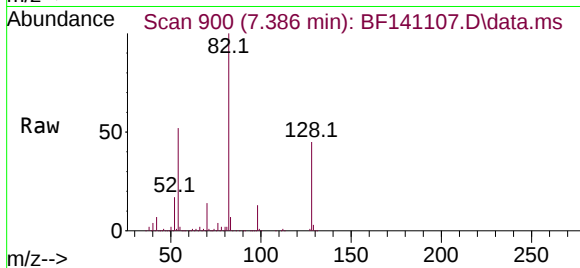
BNA_F

ClientSampleId :

SF-6-B

Tgt Ion: 82 Resp: 1386510

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.4	51.6
54	51.7	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

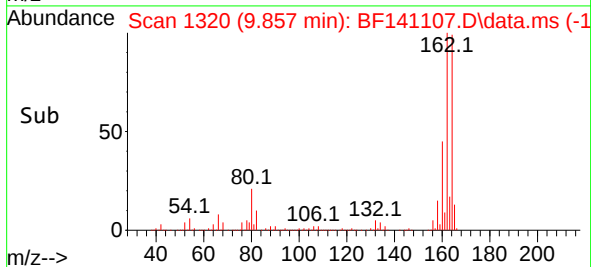
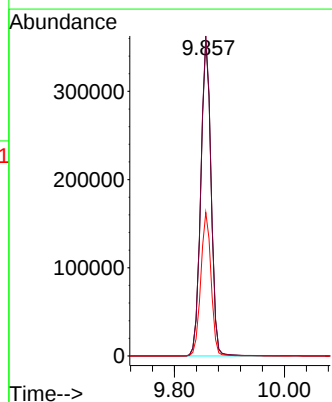
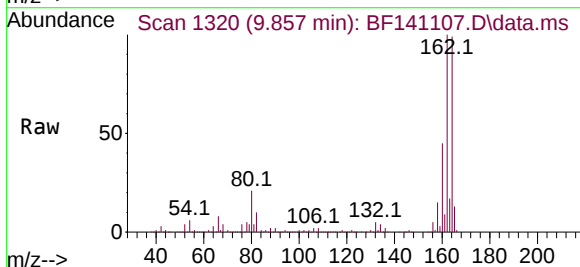
Delta R.T. -0.006 min

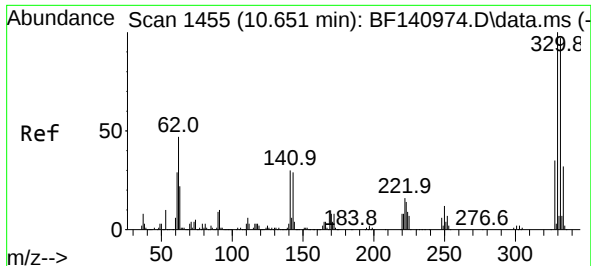
Lab File: BF141107.D

Acq: 09 Jan 2025 16:26

Tgt Ion: 164 Resp: 465212

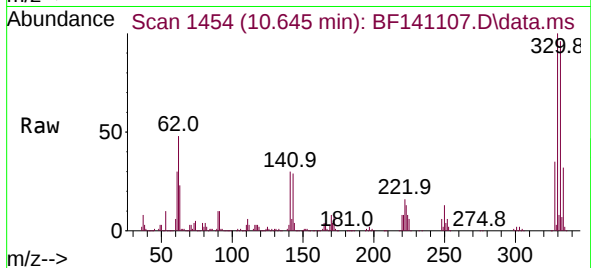
Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.4	35.7	53.5



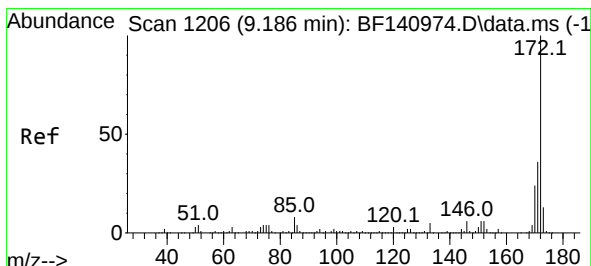
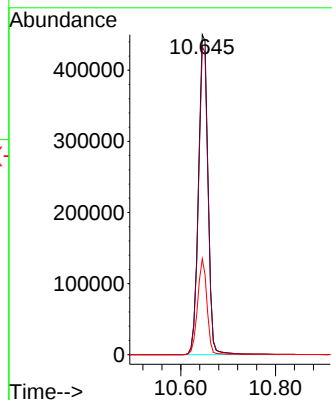
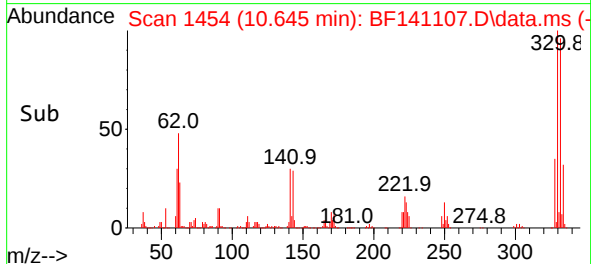


#42
 2,4,6-Tribromophenol
 Concen: 139.747 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BF141107.D
 Acq: 09 Jan 2025 16:26

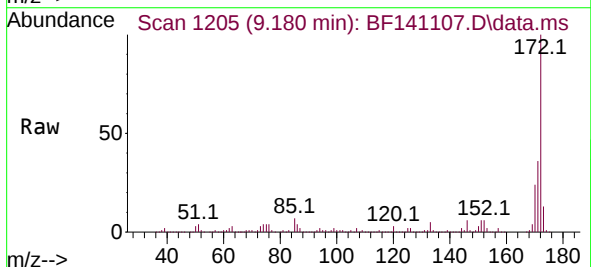
Instrument :
 BNA_F
 ClientSampleId :
 SF-6-B



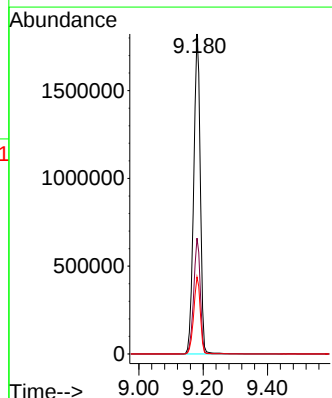
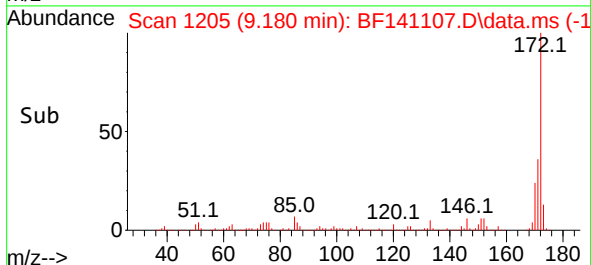
Tgt Ion:330 Resp: 631724
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.0 117.0
 141 29.3 26.4 39.6

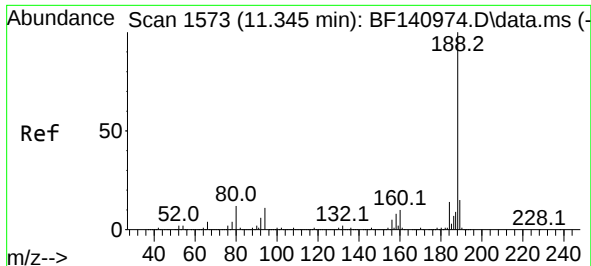


#45
 2-Fluorobiphenyl
 Concen: 89.494 ng
 RT: 9.180 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BF141107.D
 Acq: 09 Jan 2025 16:26



Tgt Ion:172 Resp: 2613143
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.1 19.6 29.4

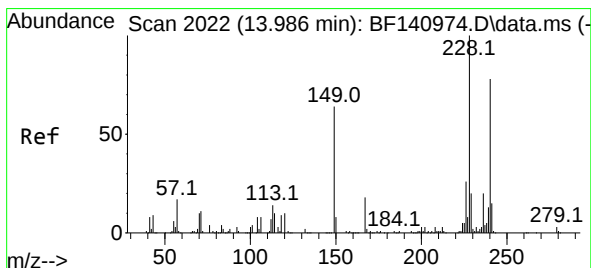
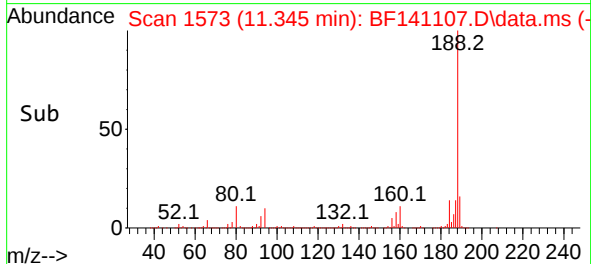
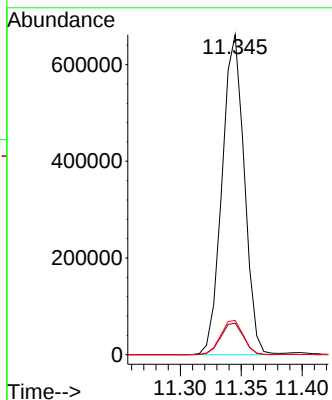
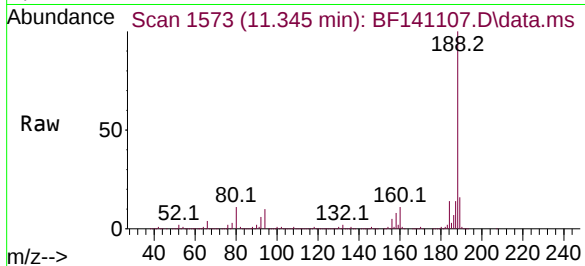




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

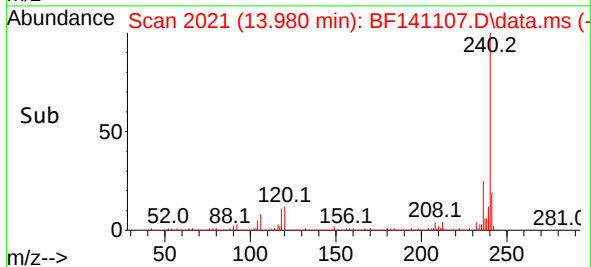
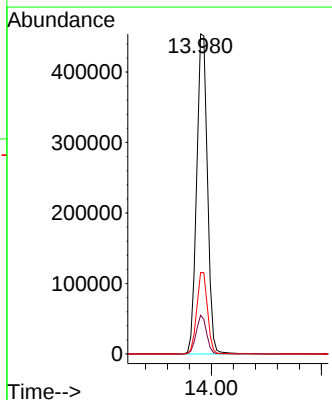
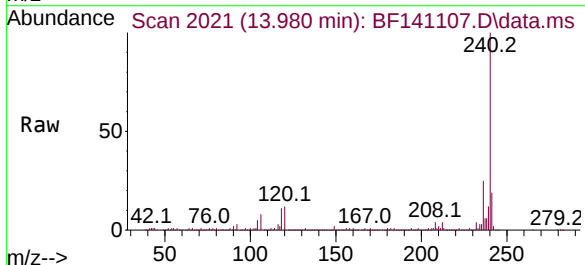
Instrument :
BNA_F
ClientSampleId :
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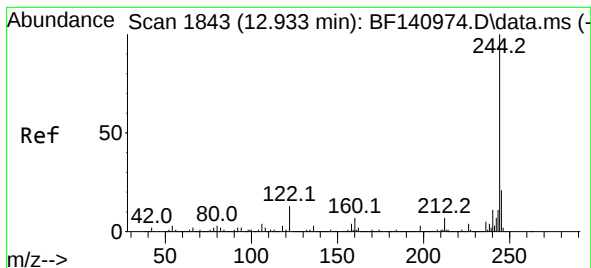
Tgt Ion:188 Resp: 840894
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.6
80 10.7 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

Tgt Ion:240 Resp: 620276
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 89.876 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141107.D

Acq: 09 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SF-6-B

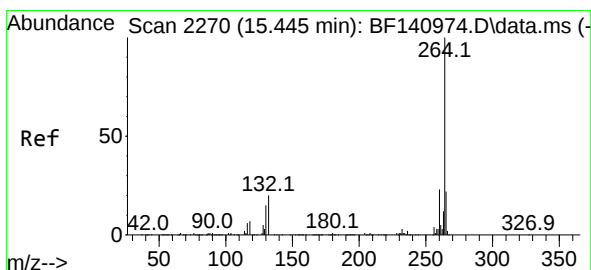
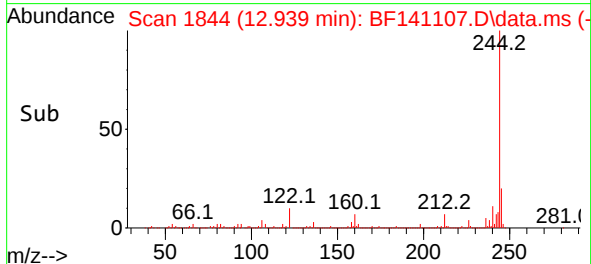
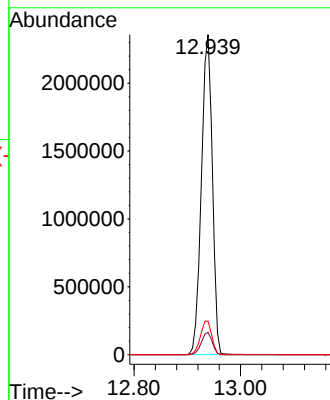
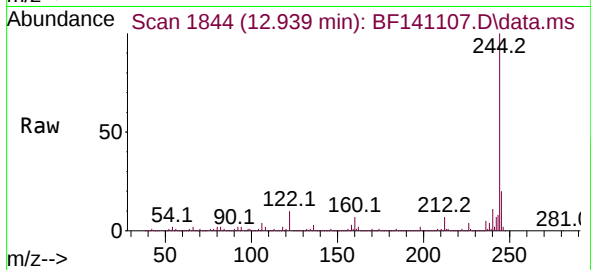
Tgt Ion:244 Resp: 3356281

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.4 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: BF141107.D

Acq: 09 Jan 2025 16:26

Tgt Ion:264 Resp: 457793

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.5 17.4 26.2

