

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141089.D
 Acq On : 08 Jan 2025 17:38
 Operator : RC/JU
 Sample : Q1034-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SF-6-B

Quant Time: Jan 09 00:02:59 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	193259	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	765069	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	402518	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	681923	20.000	ng	0.00
76) Chrysene-d12	13.986	240	414793	20.000	ng	0.00
86) Perylene-d12	15.451	264	434001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1378076	107.487	ng	0.01
7) Phenol-d6	6.451	99	1867751	113.087	ng	0.00
23) Nitrobenzene-d5	7.387	82	1297345	108.489	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	497565	127.212	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2364562	93.594	ng	0.00
79) Terphenyl-d14	12.933	244	2649856	106.111	ng	0.00

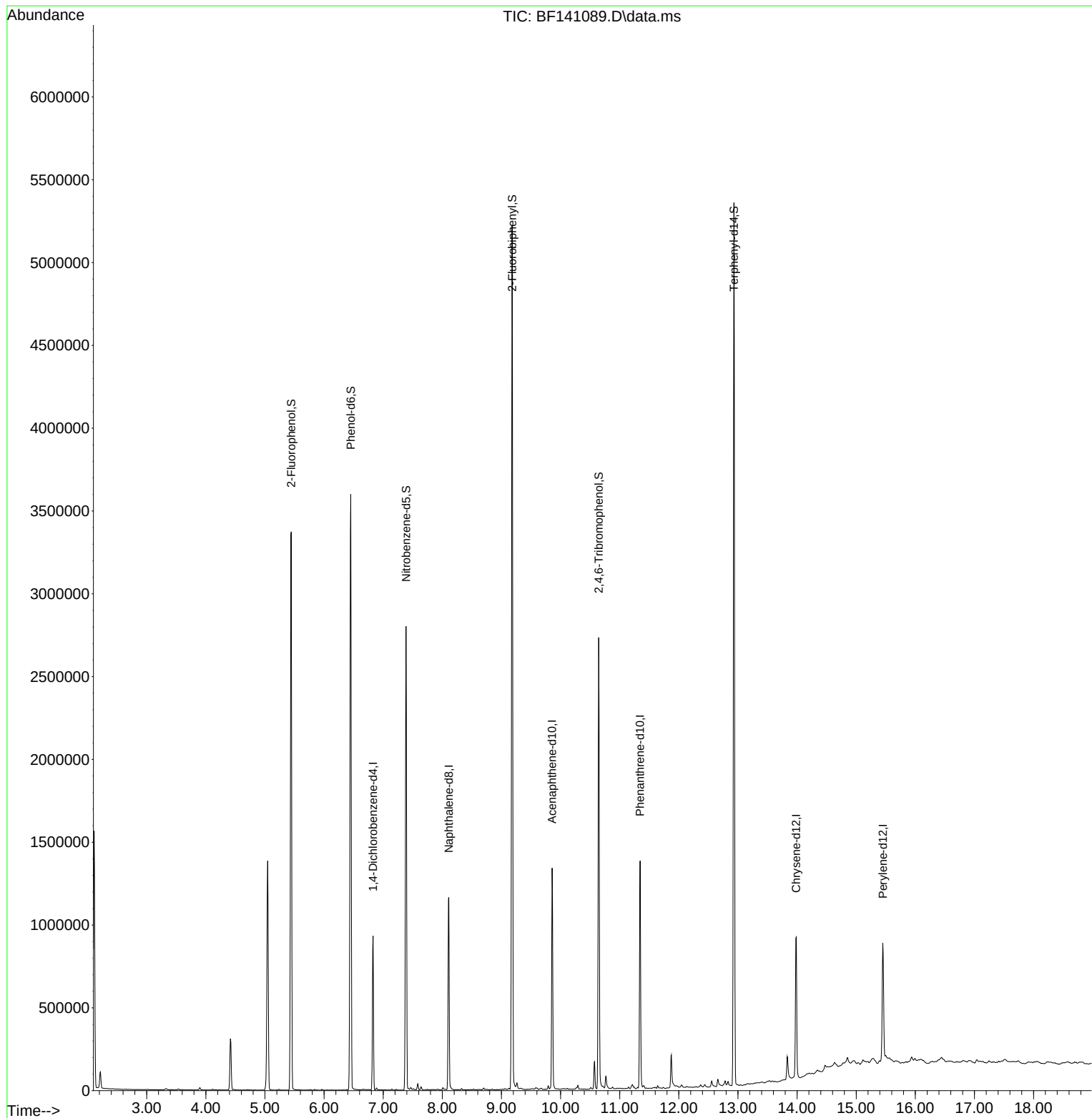
Target Compounds	Qvalue

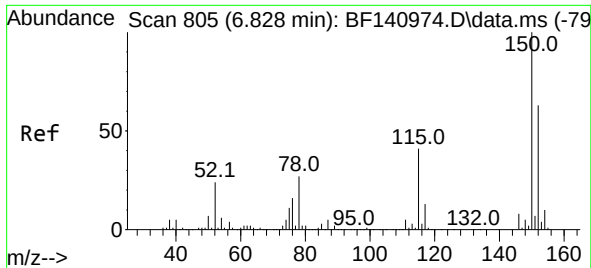
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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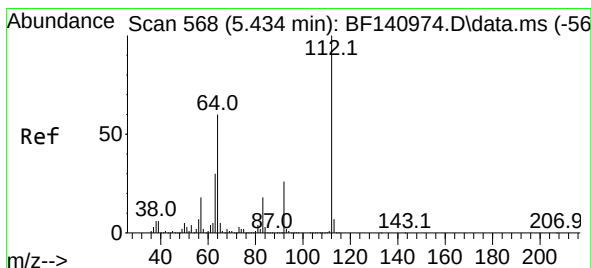
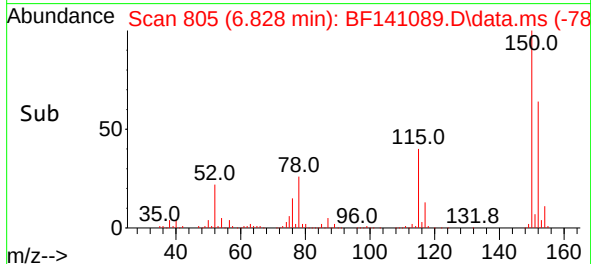
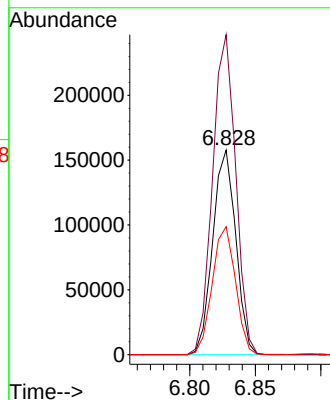
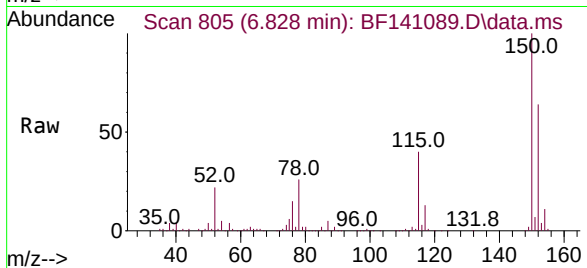




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141089.D
Acq: 08 Jan 2025 17:38

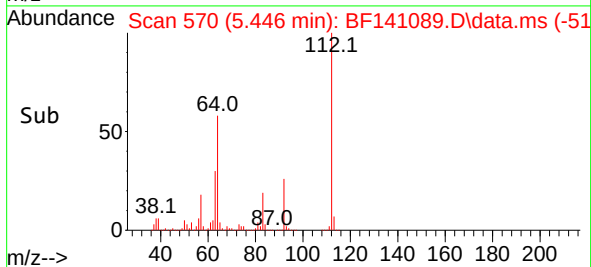
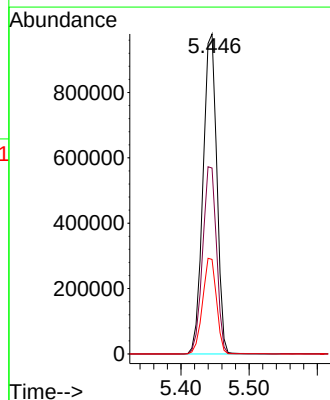
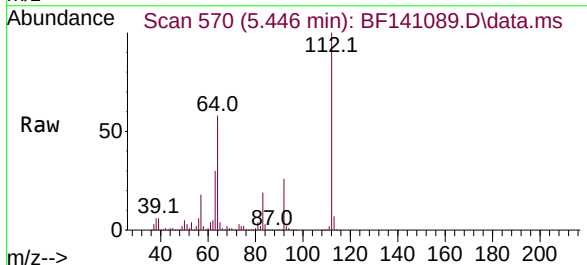
Instrument :
BNA_F
ClientSampleId :
SF-6-B

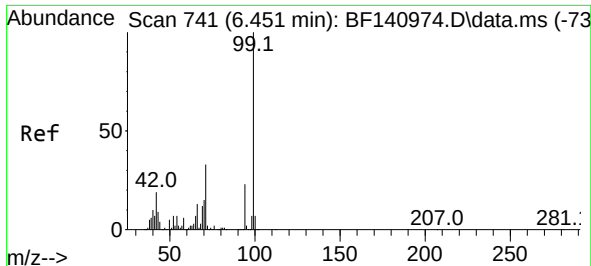
Tgt Ion:152 Resp: 193259
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 62.6 51.7 77.5



#5
2-Fluorophenol
Concen: 107.487 ng
RT: 5.446 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF141089.D
Acq: 08 Jan 2025 17:38

Tgt Ion:112 Resp: 1378076
Ion Ratio Lower Upper
112 100
64 58.1 47.7 71.5
63 29.6 24.2 36.2



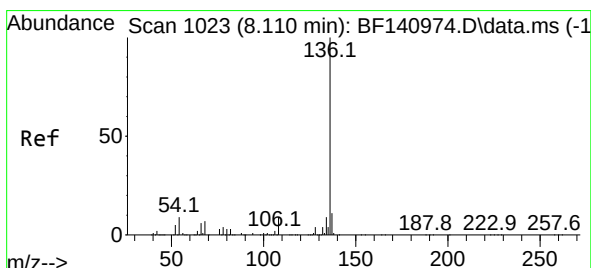
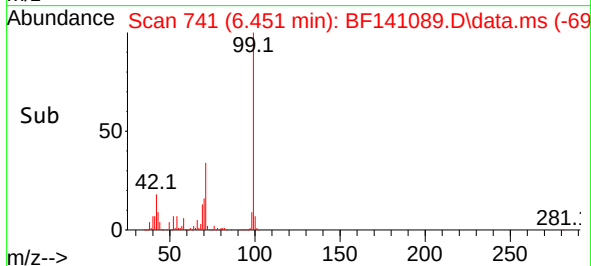
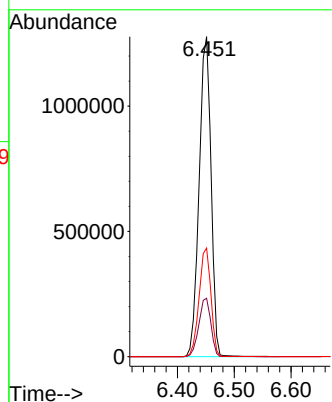
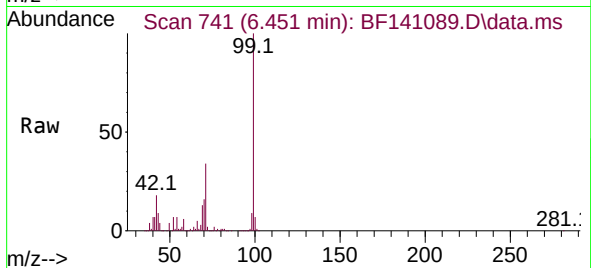


#7
Phenol-d6
Concen: 113.087 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141089.D
Acq: 08 Jan 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SF-6-B

Tgt Ion: 99 Resp: 1867751

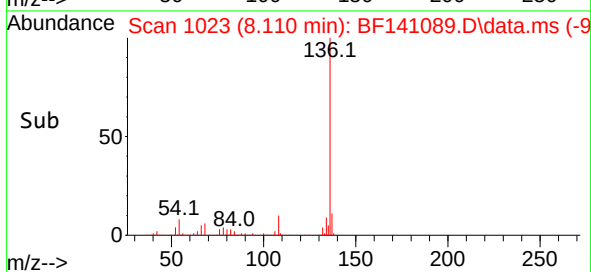
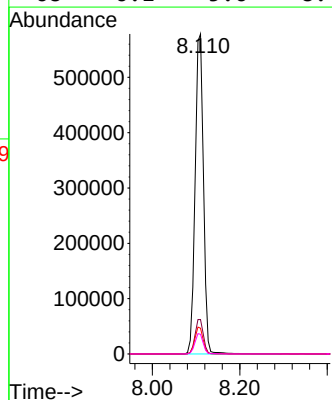
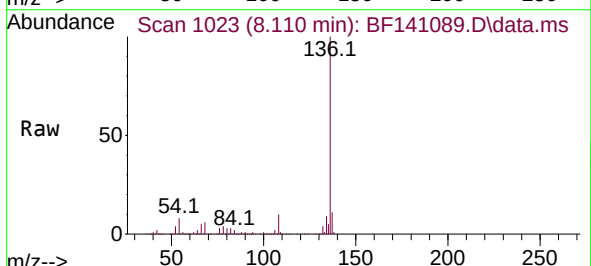
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	34.0	26.2	39.2

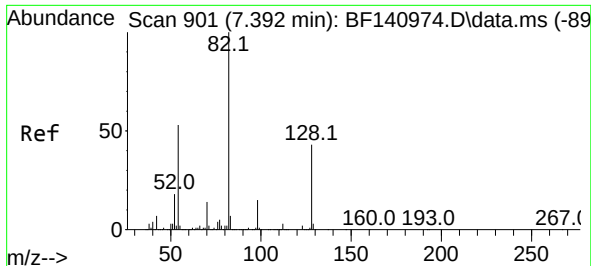


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141089.D
Acq: 08 Jan 2025 17:38

Tgt Ion: 136 Resp: 765069

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	7.6	11.4
68	6.1	5.6	8.4





#23

Nitrobenzene-d5

Concen: 108.489 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141089.D

Acq: 08 Jan 2025 17:38

Instrument :

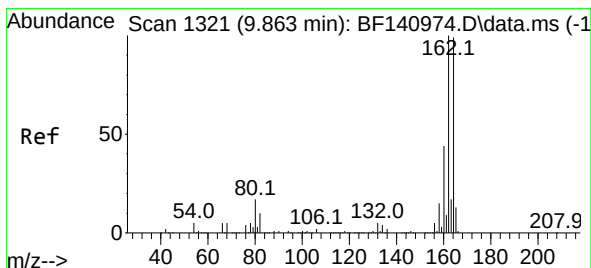
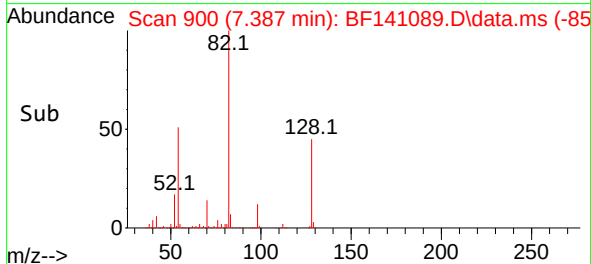
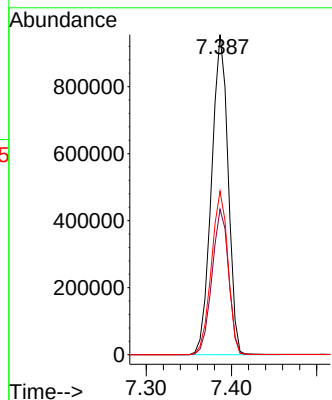
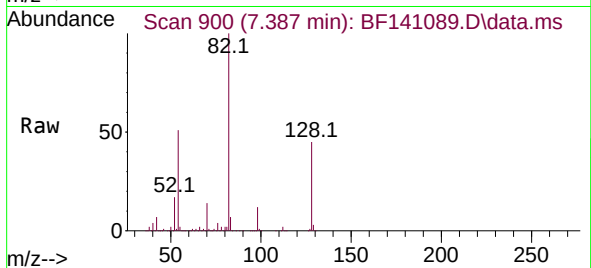
BNA_F

ClientSampleId :

SF-6-B

Tgt Ion: 82 Resp: 1297345

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.4	51.6
54	51.1	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

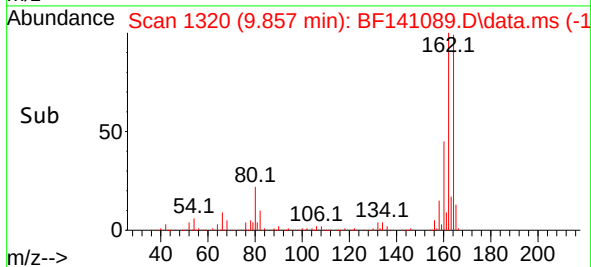
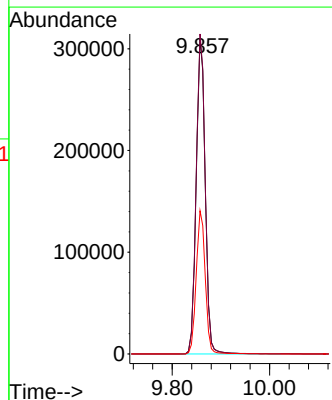
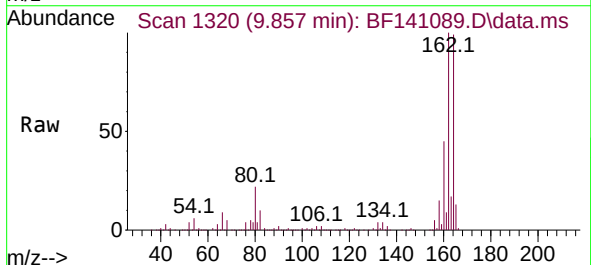
Delta R.T. -0.006 min

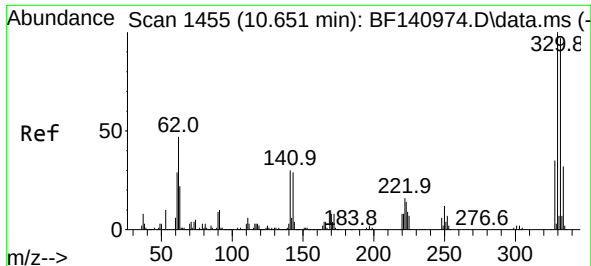
Lab File: BF141089.D

Acq: 08 Jan 2025 17:38

Tgt Ion: 164 Resp: 402518

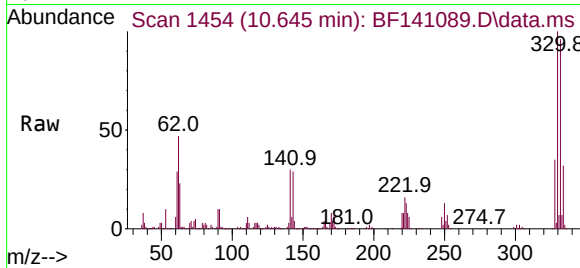
Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.3	35.7	53.5



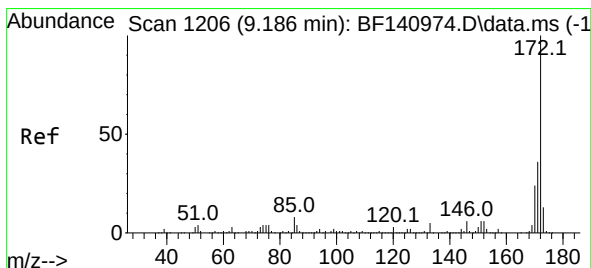
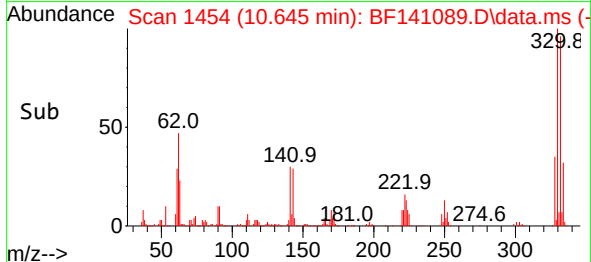
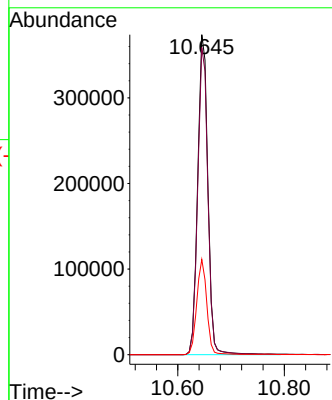


#42
2,4,6-Tribromophenol
Concen: 127.212 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF141089.D
Acq: 08 Jan 2025 17:38

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SF-6-B

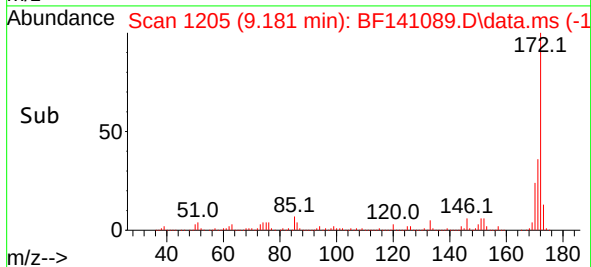
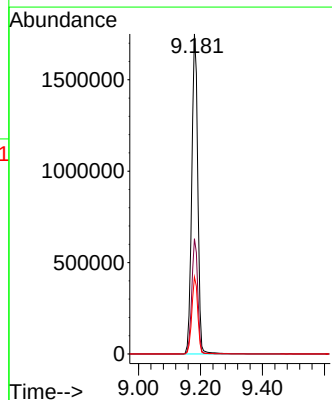
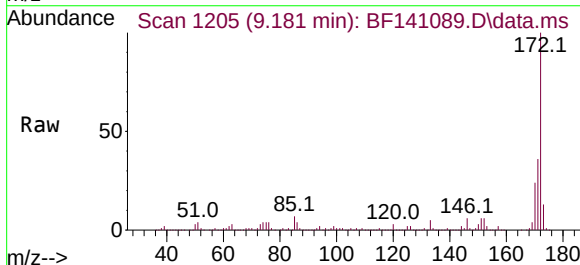


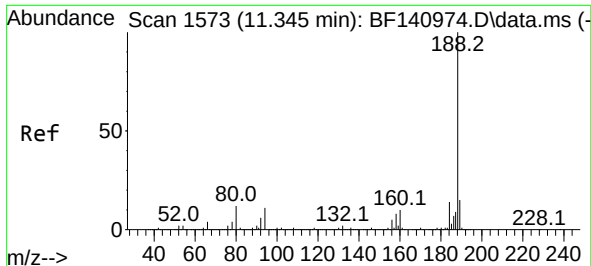
Tgt Ion:330 Resp: 497565
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 29.5 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 93.594 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141089.D
Acq: 08 Jan 2025 17:38

Tgt Ion:172 Resp: 2364562
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.0 19.6 29.4

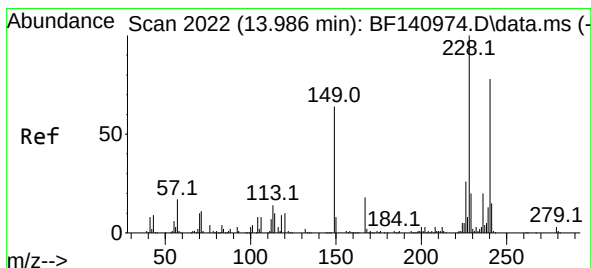
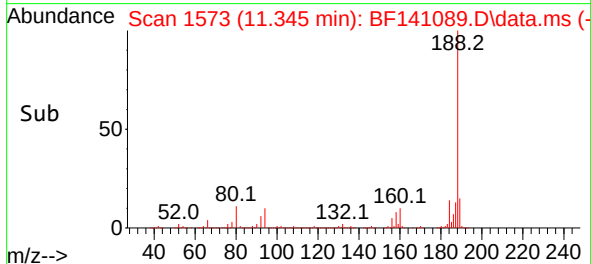
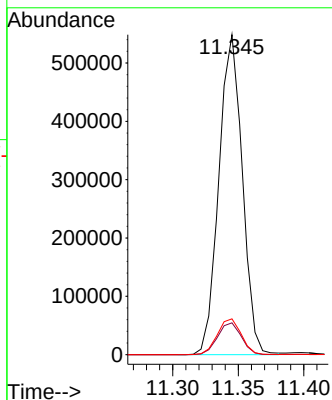
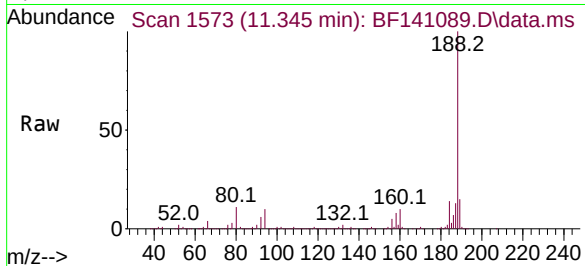




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141089.D
Acq: 08 Jan 2025 17:38

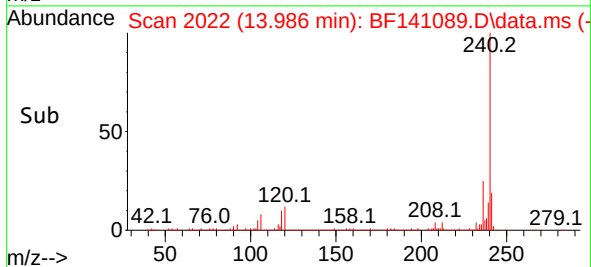
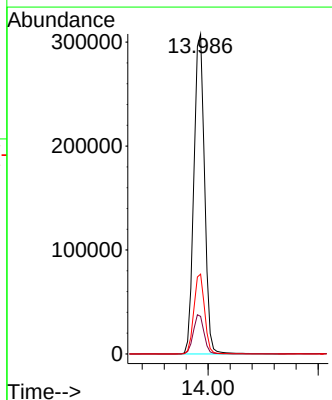
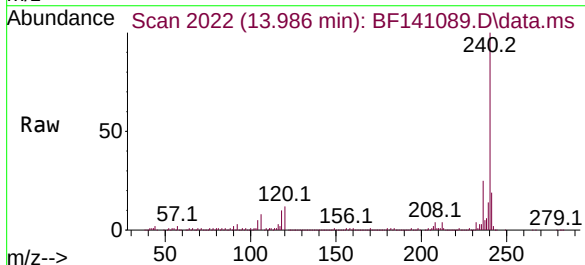
Instrument :
BNA_F
ClientSampleId :
SF-6-B

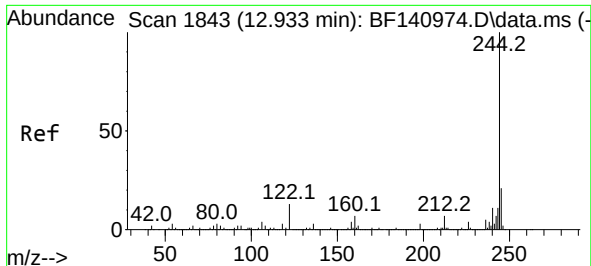
Tgt Ion:188 Resp: 681923
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 11.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141089.D
Acq: 08 Jan 2025 17:38

Tgt Ion:240 Resp: 414793
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 25.0 20.6 31.0

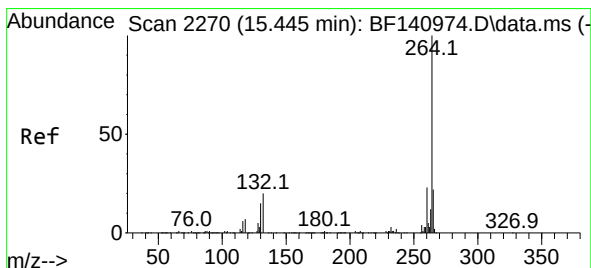
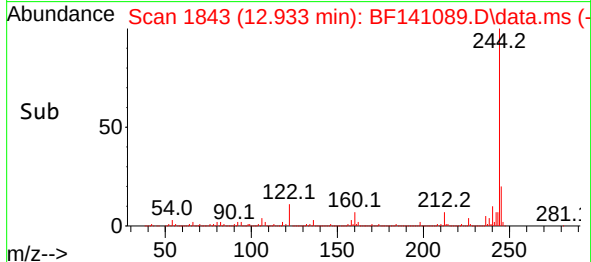
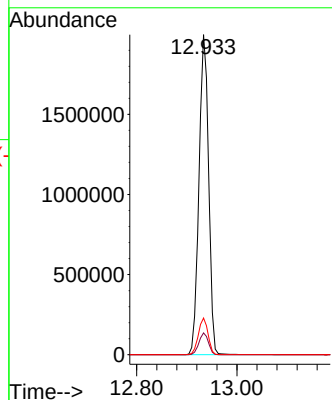
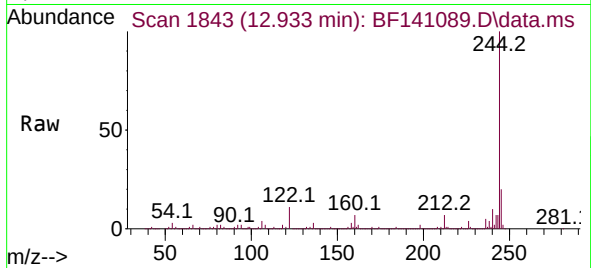




#79
 Terphenyl-d14
 Concen: 106.111 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141089.D
 Acq: 08 Jan 2025 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SF-6-B

Tgt Ion:244 Resp: 2649856
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.5 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: BF141089.D
 Acq: 08 Jan 2025 17:38

Tgt Ion:264 Resp: 434001
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.9 17.4 26.2

