

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141088.D
 Acq On : 08 Jan 2025 17:11
 Operator : RC/JU
 Sample : Q1034-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SF-6-A

Quant Time: Jan 08 17:46:52 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	195582	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	772688	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	411863	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	688416	20.000	ng	0.00
76) Chrysene-d12	13.986	240	410587	20.000	ng	0.00
86) Perylene-d12	15.463	264	435140	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1474094	113.610	ng	0.00
7) Phenol-d6	6.451	99	1990429	119.084	ng	0.00
23) Nitrobenzene-d5	7.387	82	1279435	105.936	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	568121	141.956	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2365227	91.496	ng	0.00
79) Terphenyl-d14	12.933	244	2610967	105.625	ng	0.00

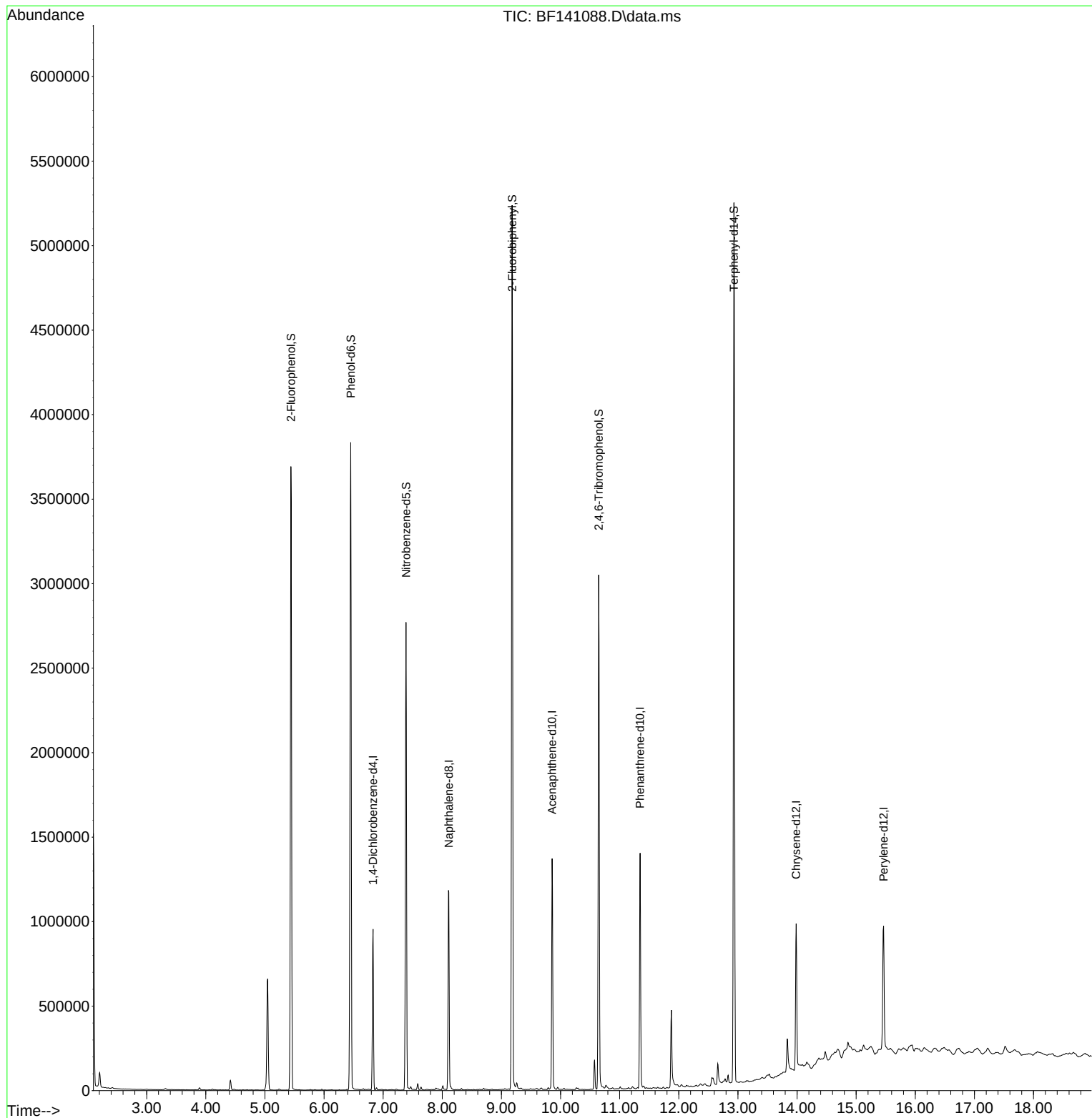
Target Compounds	Qvalue

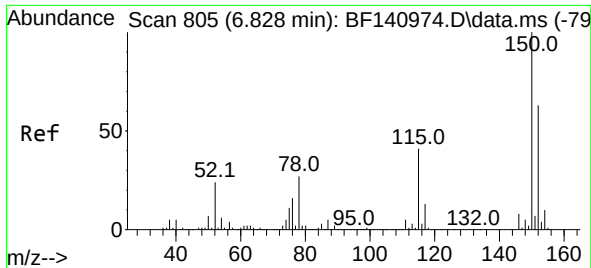
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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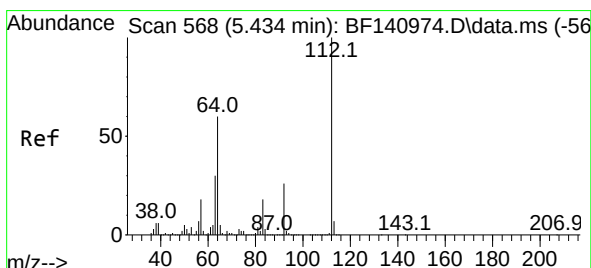
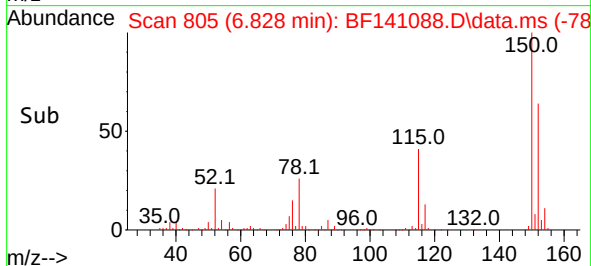
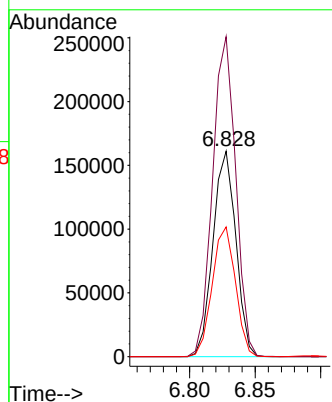
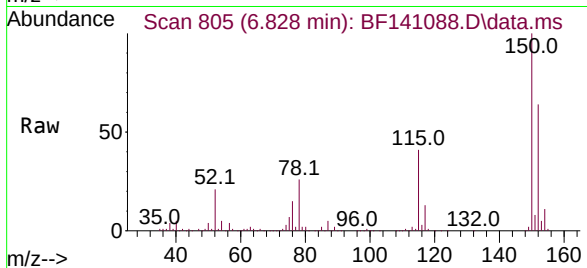




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

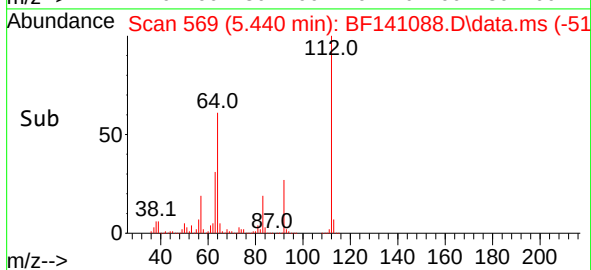
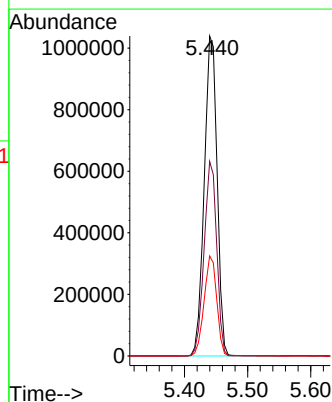
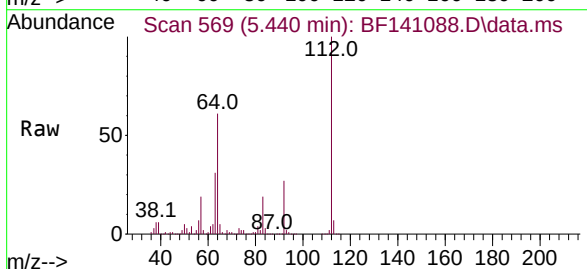
Instrument :
BNA_F
ClientSampleId :
SF-6-A

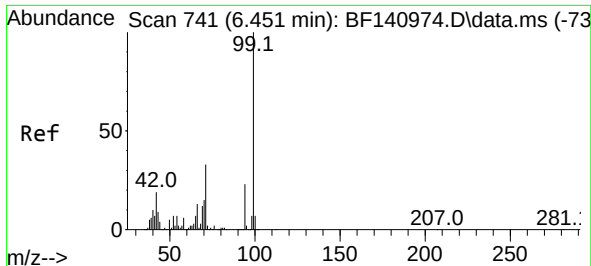
Tgt Ion:152 Resp: 195582
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 63.2 51.7 77.5



#5
2-Fluorophenol
Concen: 113.610 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

Tgt Ion:112 Resp: 1474094
Ion Ratio Lower Upper
112 100
64 60.8 47.7 71.5
63 31.2 24.2 36.2

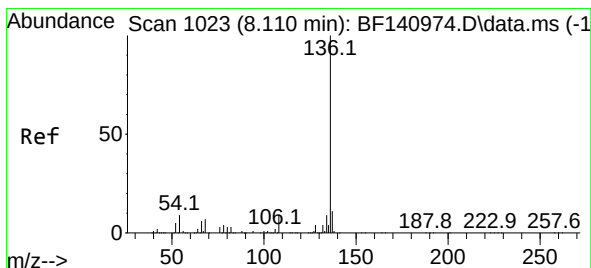
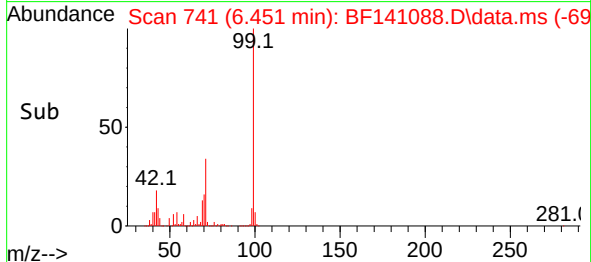
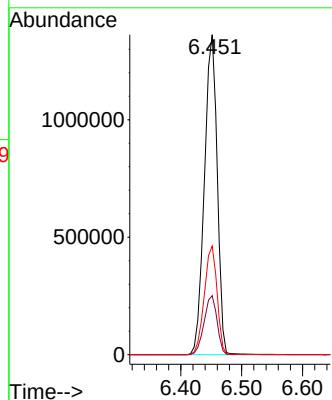
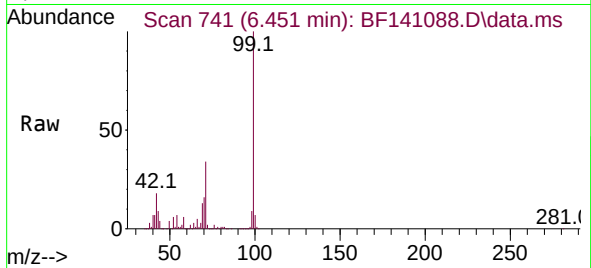




#7
Phenol-d6
Concen: 119.084 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

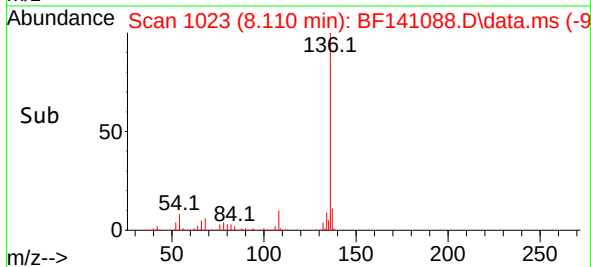
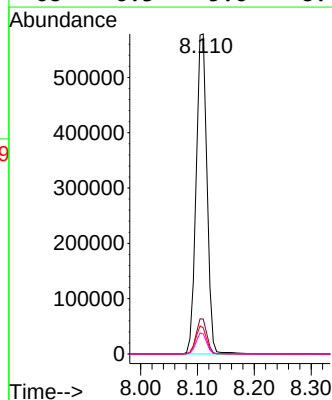
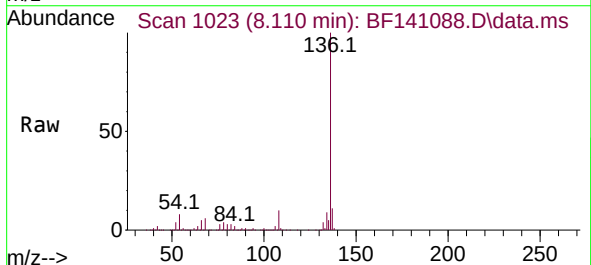
Instrument :
BNA_F
ClientSampleId :
SF-6-A

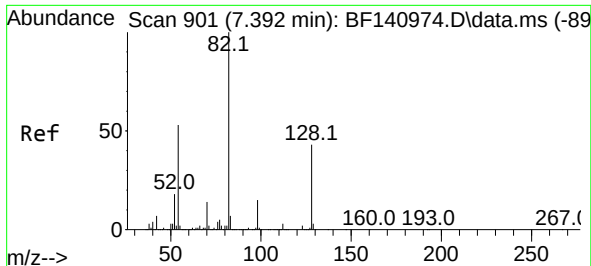
Tgt Ion: 99 Resp: 1990429
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 34.0 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

Tgt Ion: 136 Resp: 772688
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.6 11.4
68 6.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 105.936 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141088.D

Acq: 08 Jan 2025 17:11

Instrument :

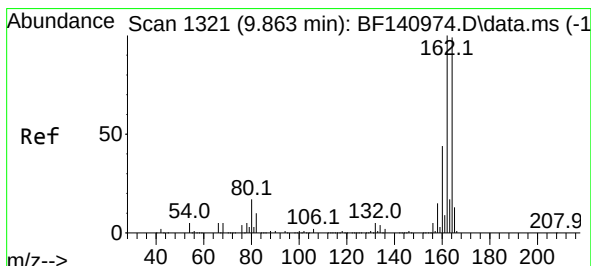
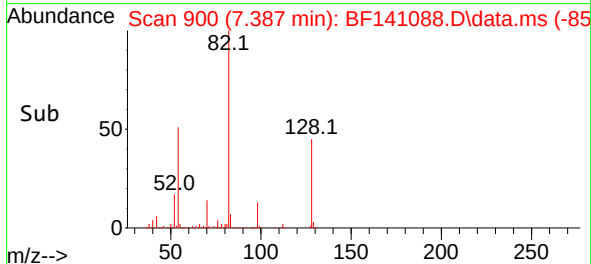
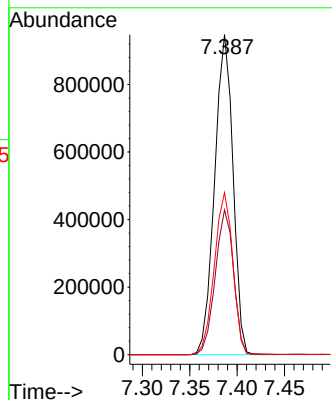
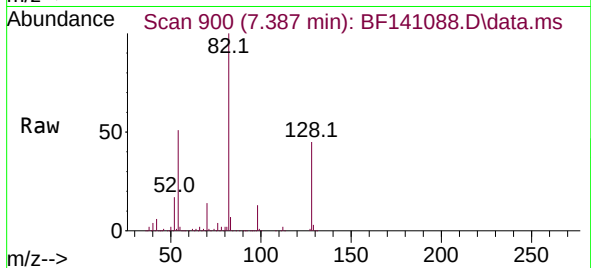
BNA_F

ClientSampleId :

SF-6-A

Tgt Ion: 82 Resp: 1279435

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.4	51.6
54	50.6	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

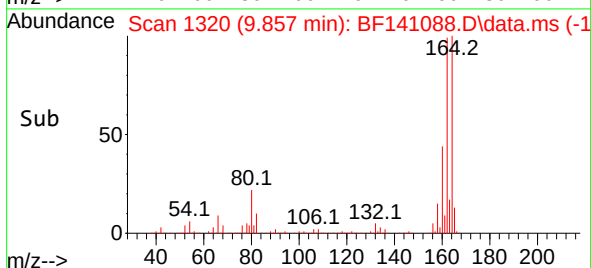
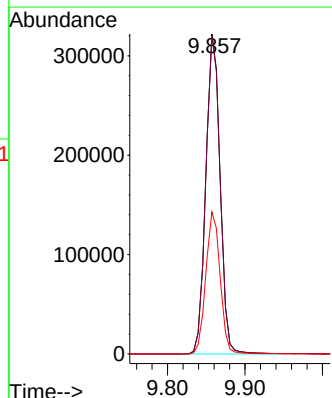
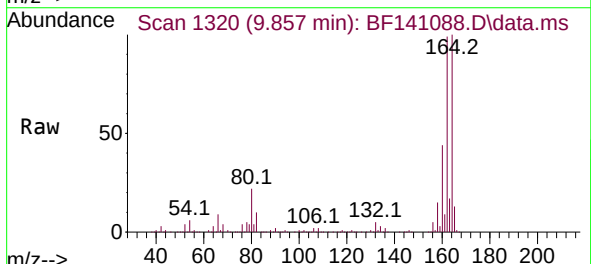
Delta R.T. -0.006 min

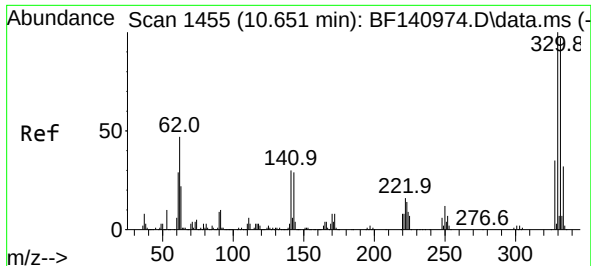
Lab File: BF141088.D

Acq: 08 Jan 2025 17:11

Tgt Ion: 164 Resp: 411863

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	44.4	35.7	53.5

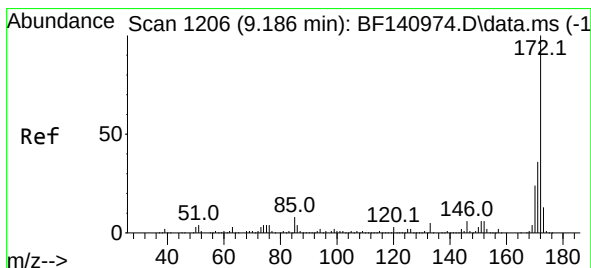
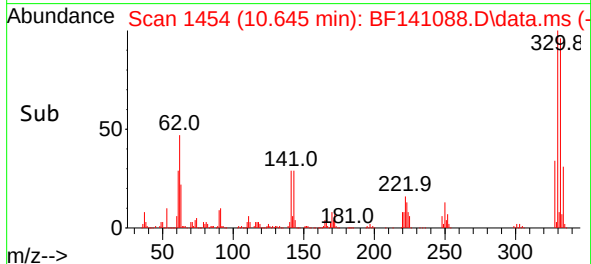
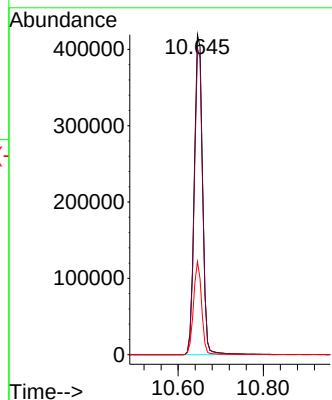
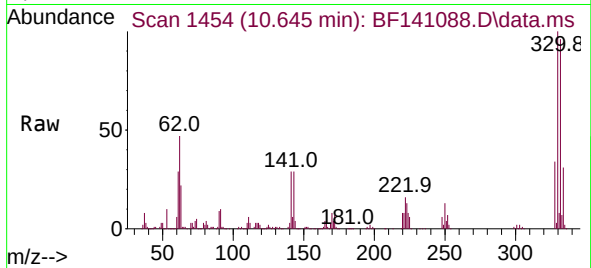




#42
 2,4,6-Tribromophenol
 Concen: 141.956 ng
 RT: 10.645 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: BF141088.D
 Acq: 08 Jan 2025 17:11

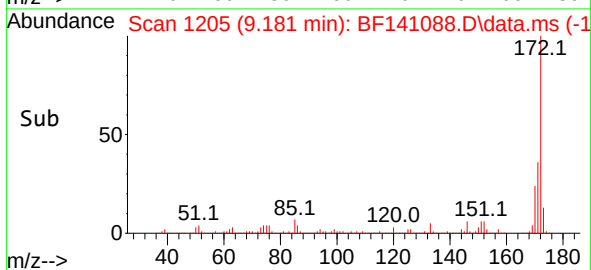
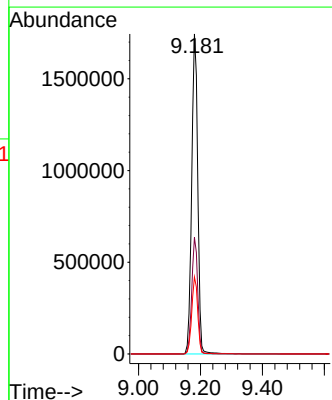
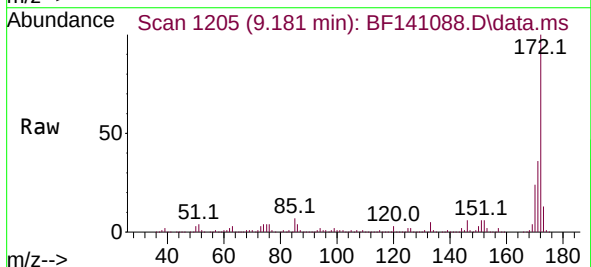
Instrument :
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 ClientSampleId :
 SF-6-A

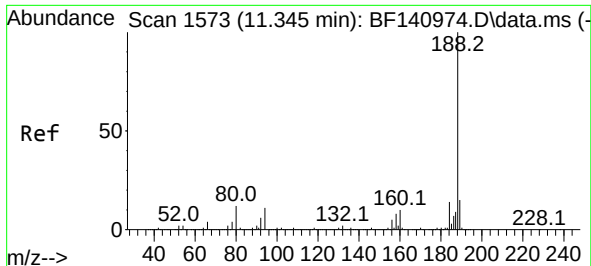
Tgt Ion:330 Resp: 568121
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.0 117.0
 141 28.4 26.4 39.6



#45
 2-Fluorobiphenyl
 Concen: 91.496 ng
 RT: 9.181 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BF141088.D
 Acq: 08 Jan 2025 17:11

Tgt Ion:172 Resp: 2365227
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.1 19.6 29.4

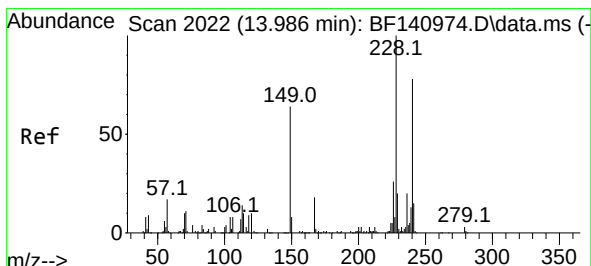
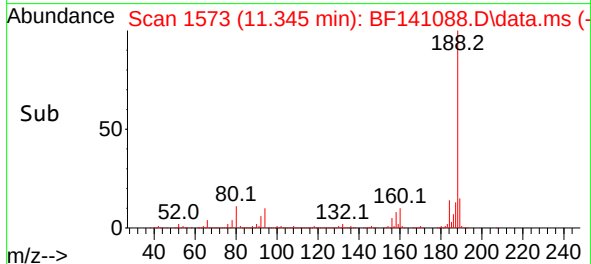
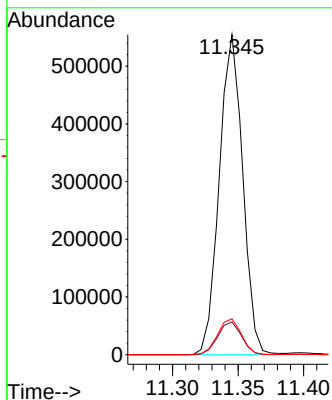
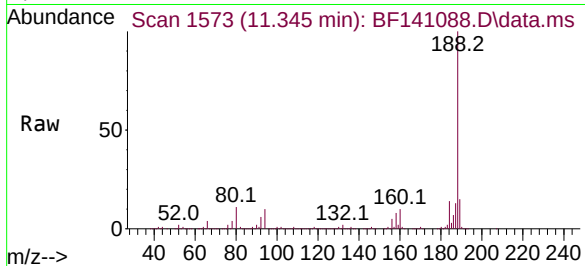




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

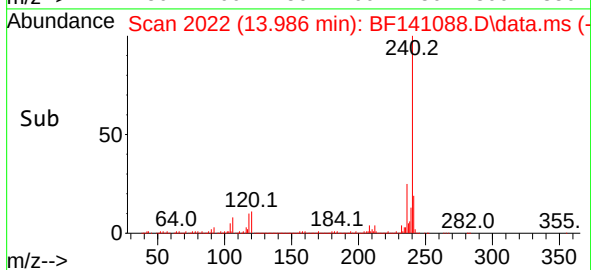
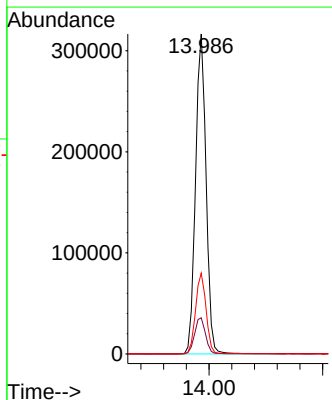
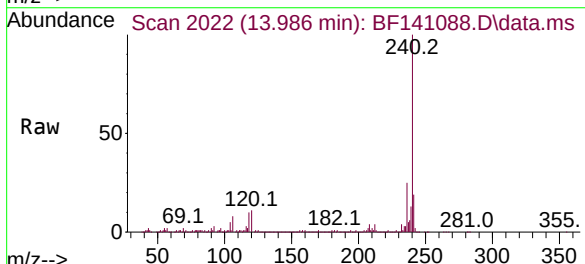
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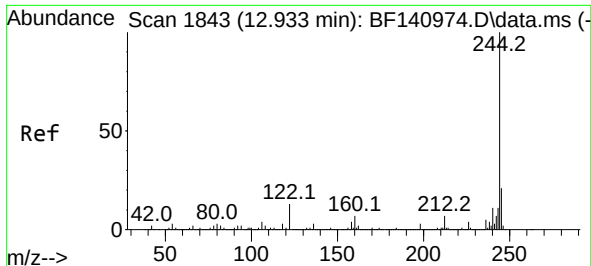
Tgt Ion:188 Resp: 688416
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 11.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141088.D
Acq: 08 Jan 2025 17:11

Tgt Ion:240 Resp: 410587
Ion Ratio Lower Upper
240 100
120 11.3 10.7 16.1
236 25.2 20.6 31.0

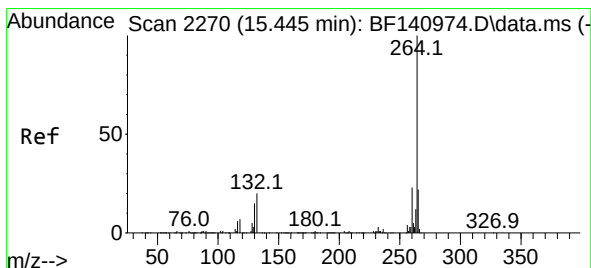
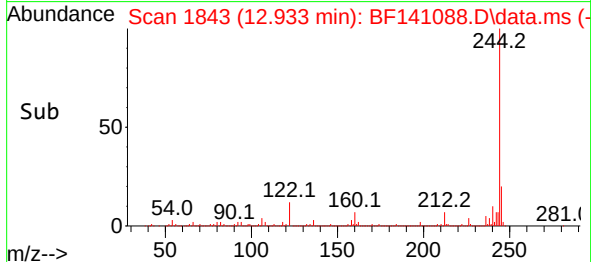
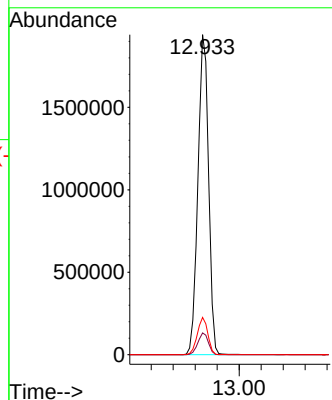
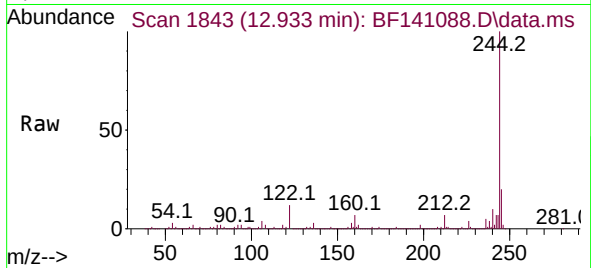




#79
 Terphenyl-d14
 Concen: 105.625 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141088.D
 Acq: 08 Jan 2025 17:11

Instrument :
 BNA_F
 ClientSampleId :
 SF-6-A

Tgt Ion:244 Resp: 2610967
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.6 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. 0.018 min
 Lab File: BF141088.D
 Acq: 08 Jan 2025 17:11

Tgt Ion:264 Resp: 435140
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.4 17.4 26.2

