

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
 Data File : BF141103.D
 Acq On : 09 Jan 2025 14:35
 Operator : RC/JU
 Sample : PB165989BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165989BL

Quant Time: Jan 09 14:55:40 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	156520	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	629283	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	339475	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	599453	20.000	ng	0.00
76) Chrysene-d12	13.986	240	382613	20.000	ng	0.00
86) Perylene-d12	15.457	264	341864	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1315227	126.664	ng	0.00
7) Phenol-d6	6.451	99	1646595	123.098	ng	0.00
23) Nitrobenzene-d5	7.387	82	1078227	109.621	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	524968	159.144	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1985150	93.168	ng	0.00
79) Terphenyl-d14	12.933	244	2260979	98.153	ng	0.00

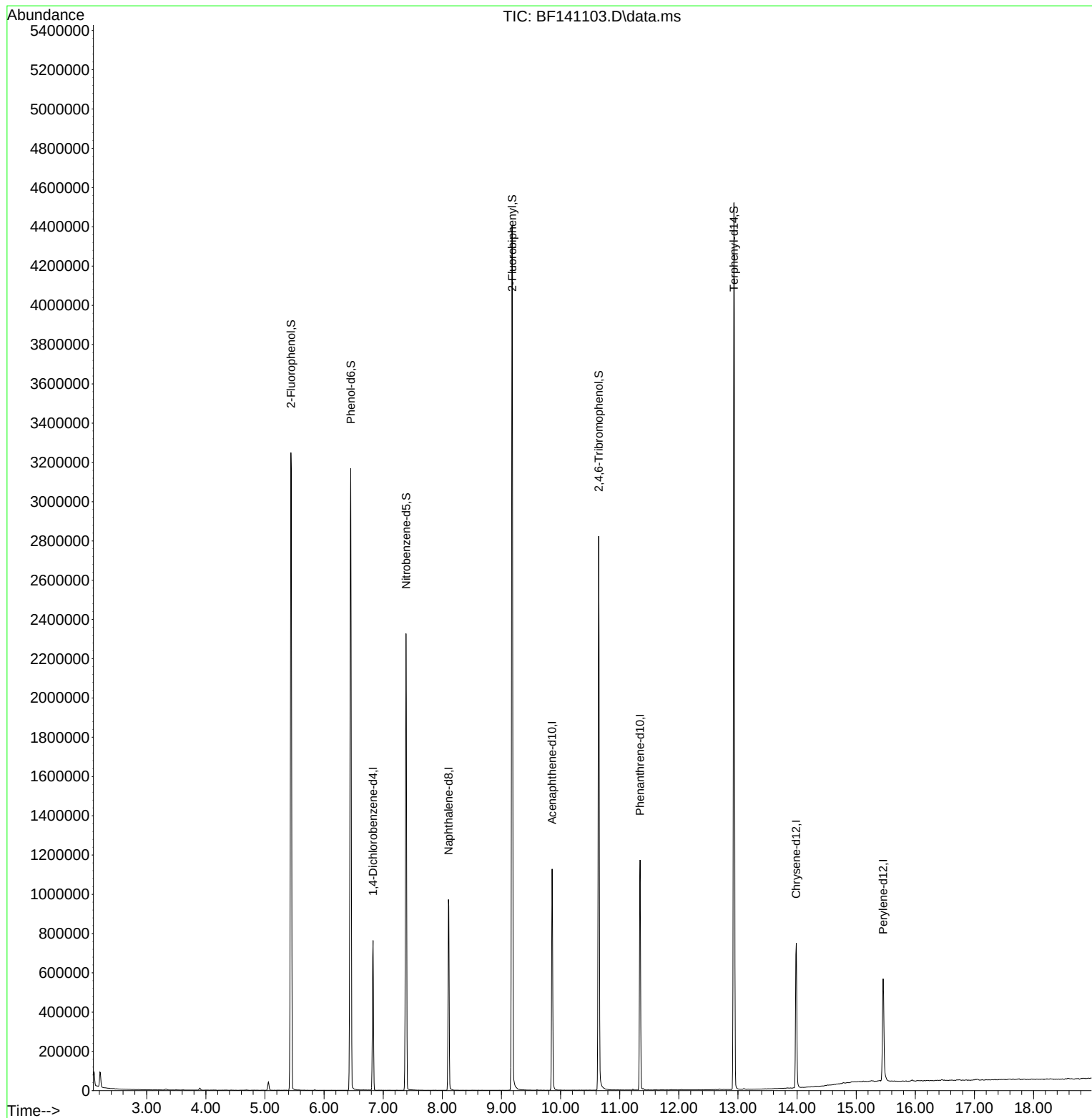
Target Compounds	Qvalue

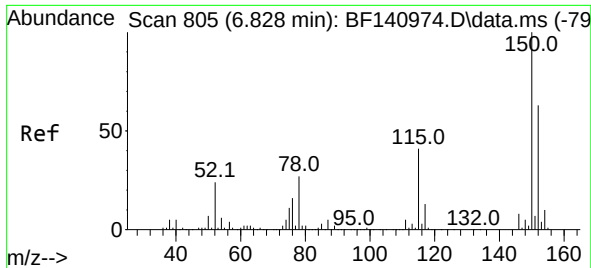
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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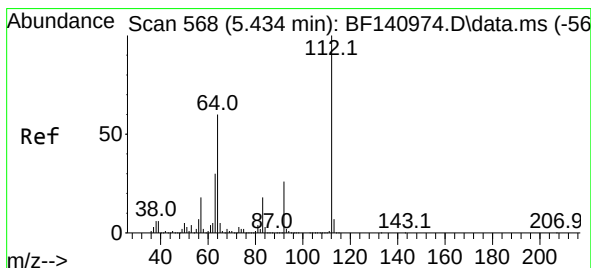
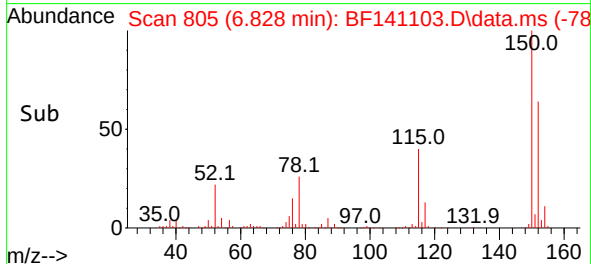
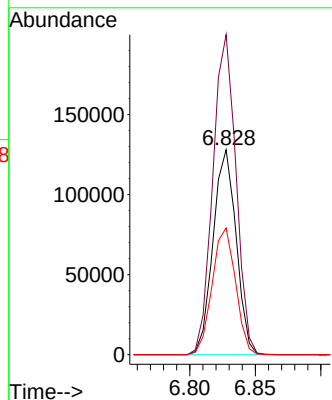
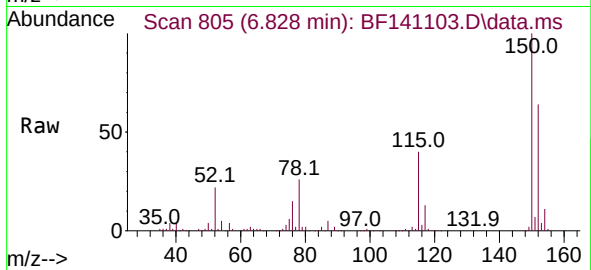




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141103.D
Acq: 09 Jan 2025 14:35

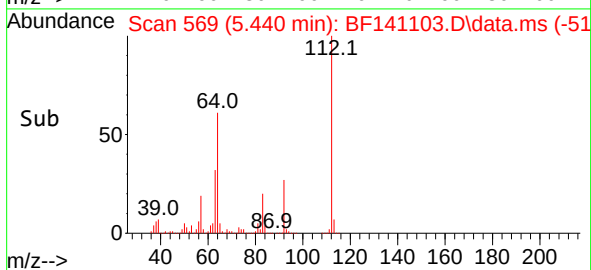
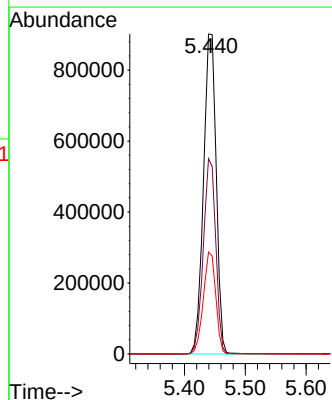
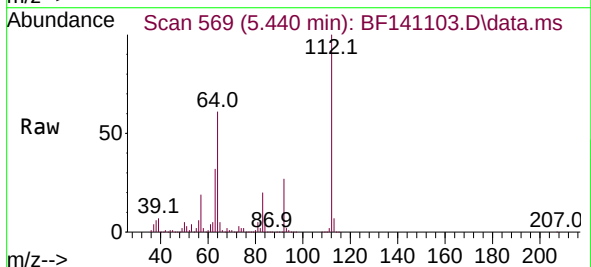
Instrument :
BNA_F
ClientSampleId :
PB165989BL

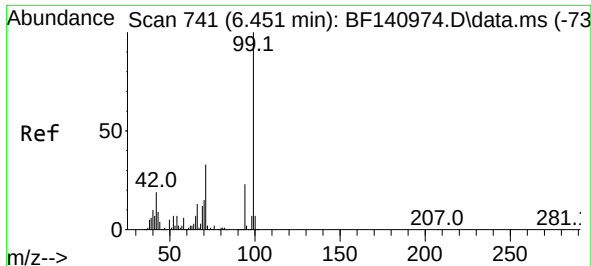
Tgt Ion:152 Resp: 156520
Ion Ratio Lower Upper
152 100
150 156.1 127.0 190.6
115 61.8 51.7 77.5



#5
2-Fluorophenol
Concen: 126.664 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF141103.D
Acq: 09 Jan 2025 14:35

Tgt Ion:112 Resp: 1315227
Ion Ratio Lower Upper
112 100
64 61.0 47.7 71.5
63 31.8 24.2 36.2

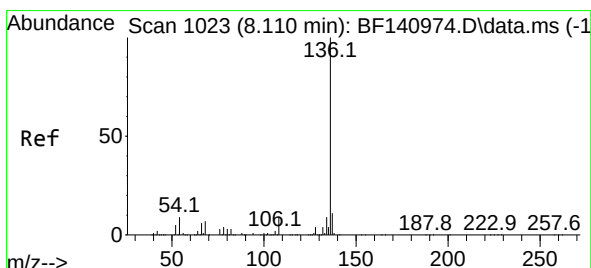
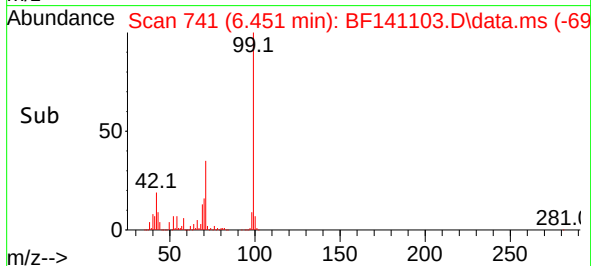
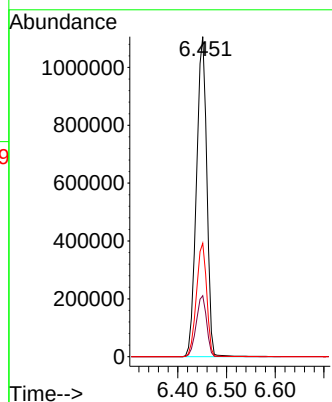
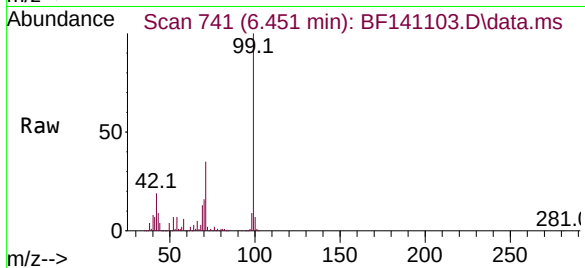




#7
Phenol-d6
Concen: 123.098 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141103.D
Acq: 09 Jan 2025 14:35

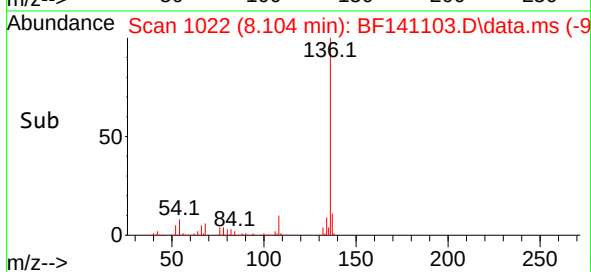
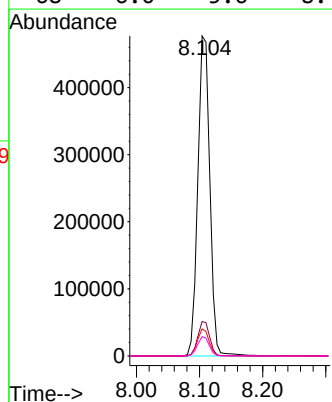
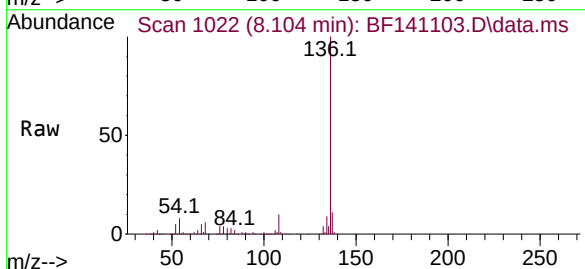
Instrument :
BNA_F
ClientSampleId :
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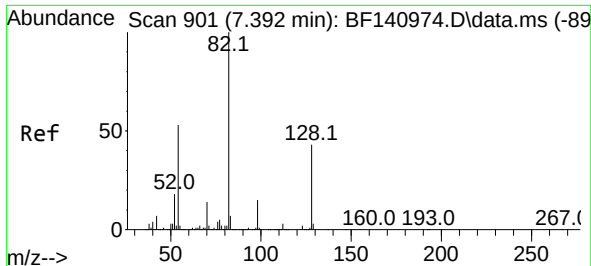
Tgt Ion: 99 Resp: 1646595
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 35.5 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141103.D
Acq: 09 Jan 2025 14:35

Tgt Ion:136 Resp: 629283
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.5 7.6 11.4
68 6.0 5.6 8.4

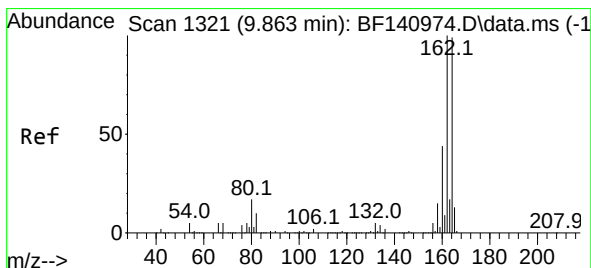
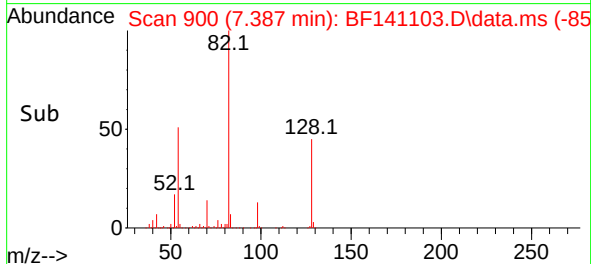
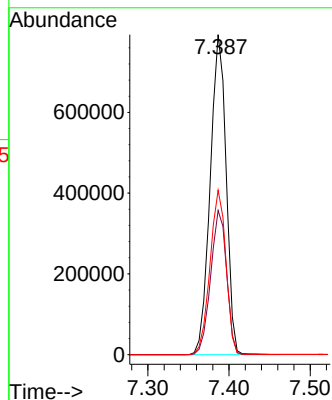
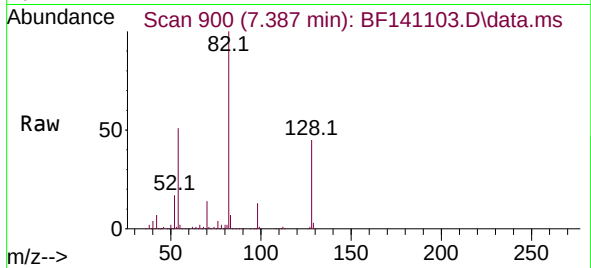




#23
Nitrobenzene-d5
Concen: 109.621 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF141103.D
Acq: 09 Jan 2025 14:35

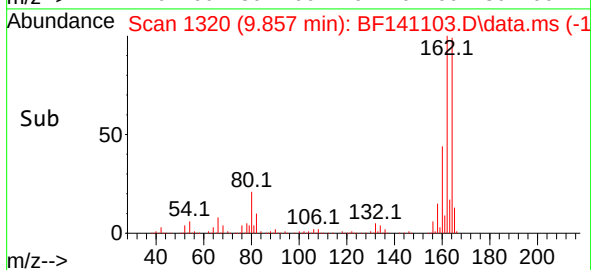
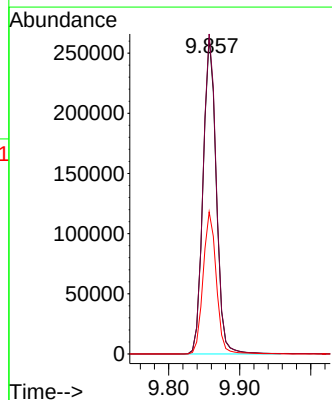
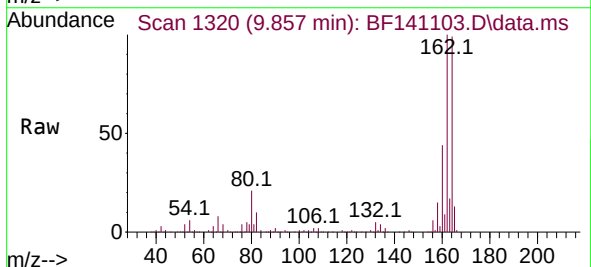
Instrument :
BNA_F
ClientSampleId :
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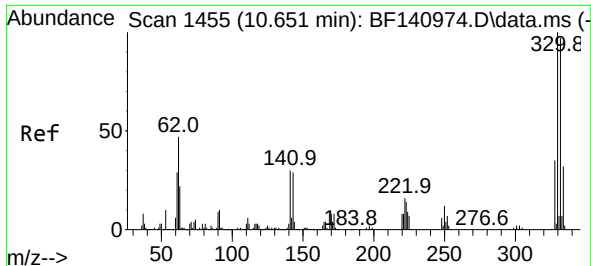
Tgt Ion: 82 Resp: 1078227
Ion Ratio Lower Upper
82 100
128 45.0 34.4 51.6
54 51.4 42.4 63.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141103.D
Acq: 09 Jan 2025 14:35

Tgt Ion:164 Resp: 339475
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.9 35.7 53.5

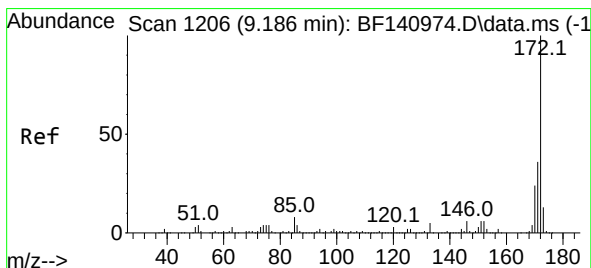
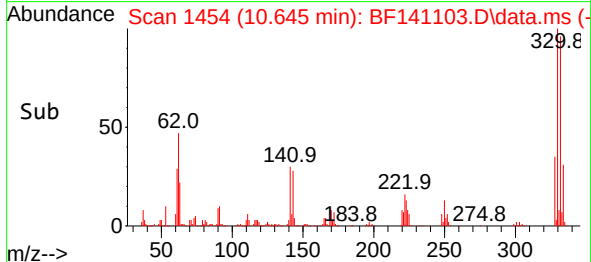
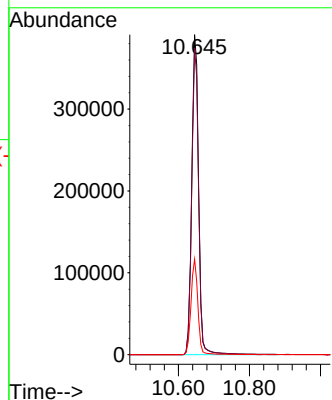
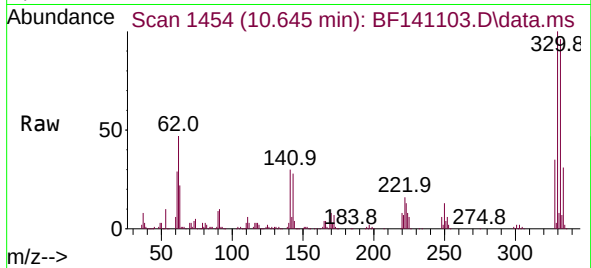




#42
 2,4,6-Tribromophenol
 Concen: 159.144 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BF141103.D
 Acq: 09 Jan 2025 14:35

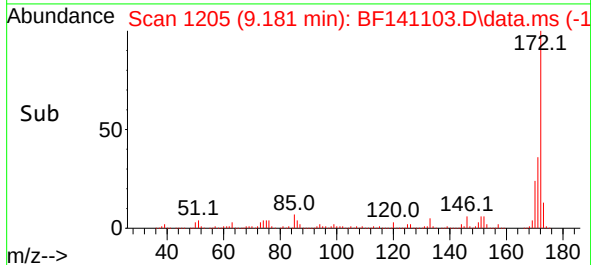
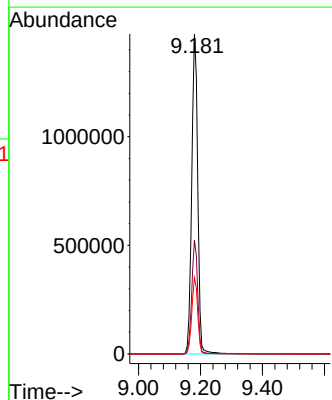
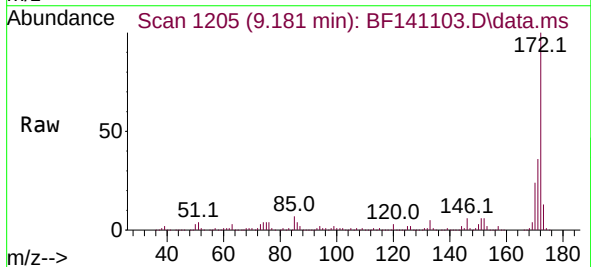
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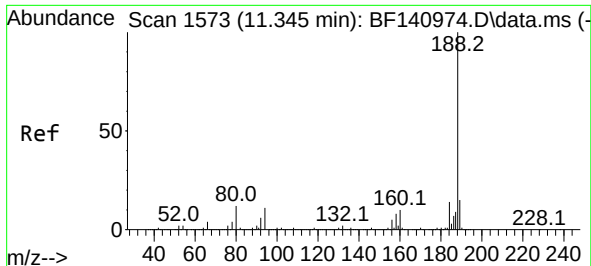
Tgt Ion:330 Resp: 524968
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.0 117.0
 141 29.9 26.4 39.6



#45
 2-Fluorobiphenyl
 Concen: 93.168 ng
 RT: 9.181 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BF141103.D
 Acq: 09 Jan 2025 14:35

Tgt Ion:172 Resp: 1985150
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 23.8 19.6 29.4

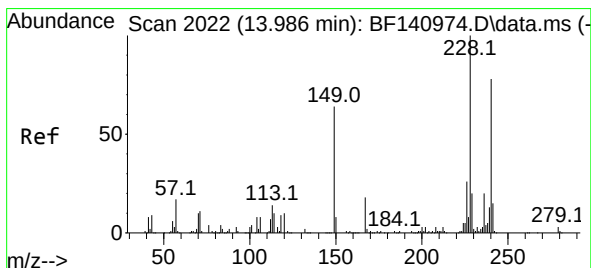
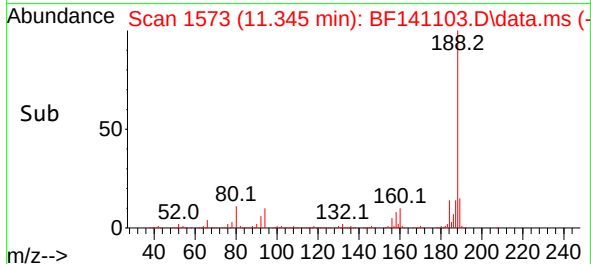
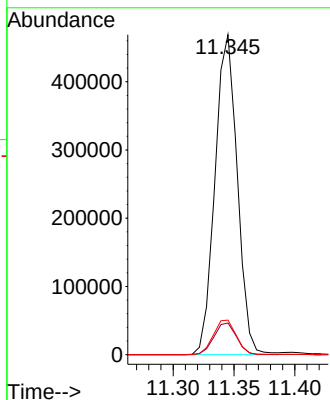
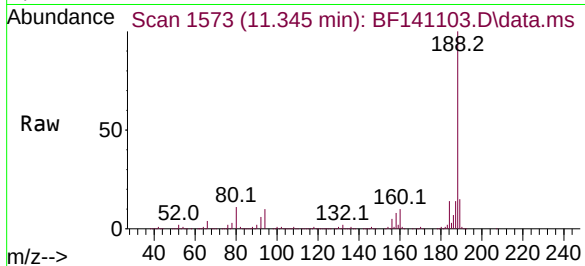




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141103.D
Acq: 09 Jan 2025 14:35

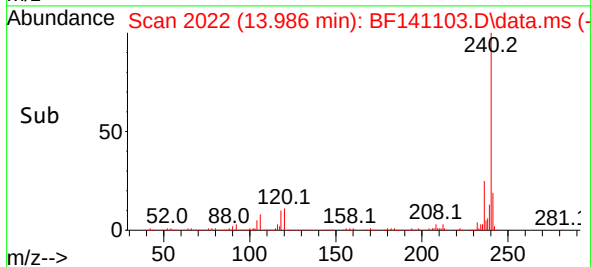
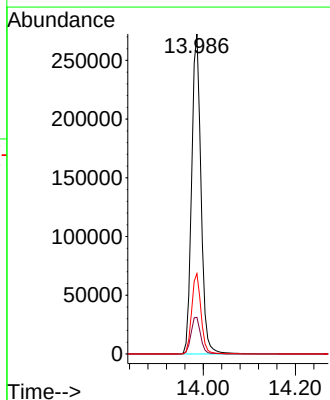
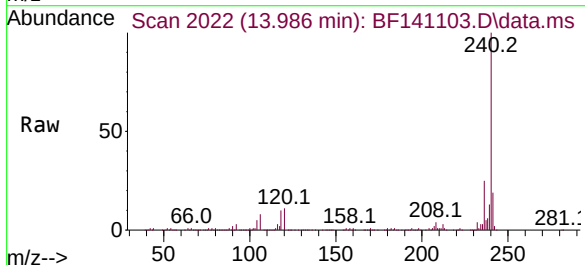
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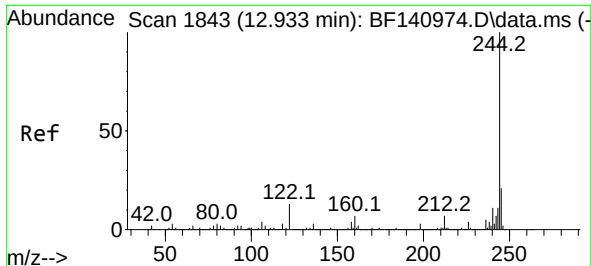
Tgt Ion:188 Resp: 599453
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.6
80 10.8 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141103.D
Acq: 09 Jan 2025 14:35

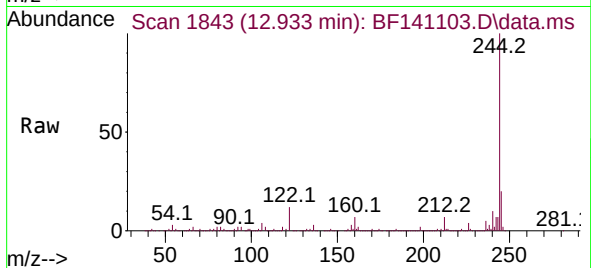
Tgt Ion:240 Resp: 382613
Ion Ratio Lower Upper
240 100
120 11.4 10.7 16.1
236 25.1 20.6 31.0



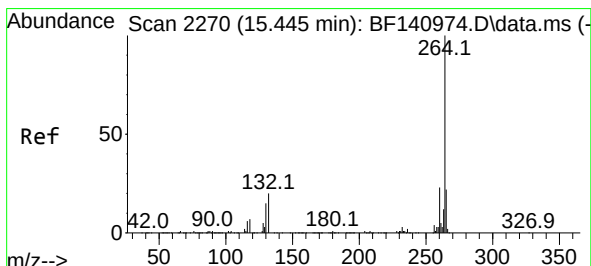
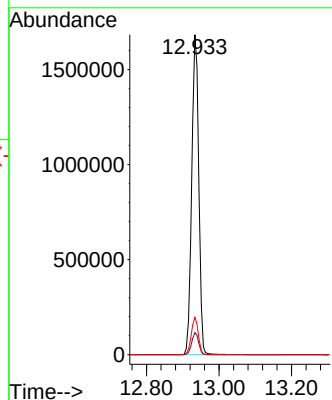
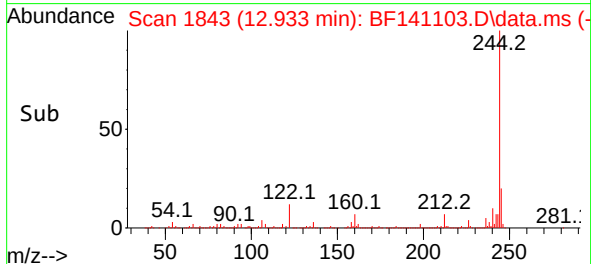


#79
 Terphenyl-d14
 Concen: 98.153 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141103.D
 Acq: 09 Jan 2025 14:35

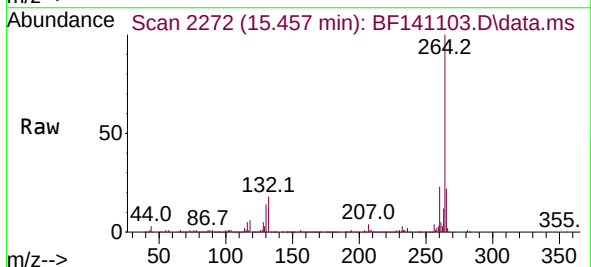
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2260979
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.7 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF141103.D
 Acq: 09 Jan 2025 14:35



Tgt Ion:264 Resp: 341864
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 22.0 17.4 26.2

