

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141083.D
 Acq On : 08 Jan 2025 14:59
 Operator : RC/JU
 Sample : Q1023-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HT2651

Quant Time: Jan 08 15:24:03 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)

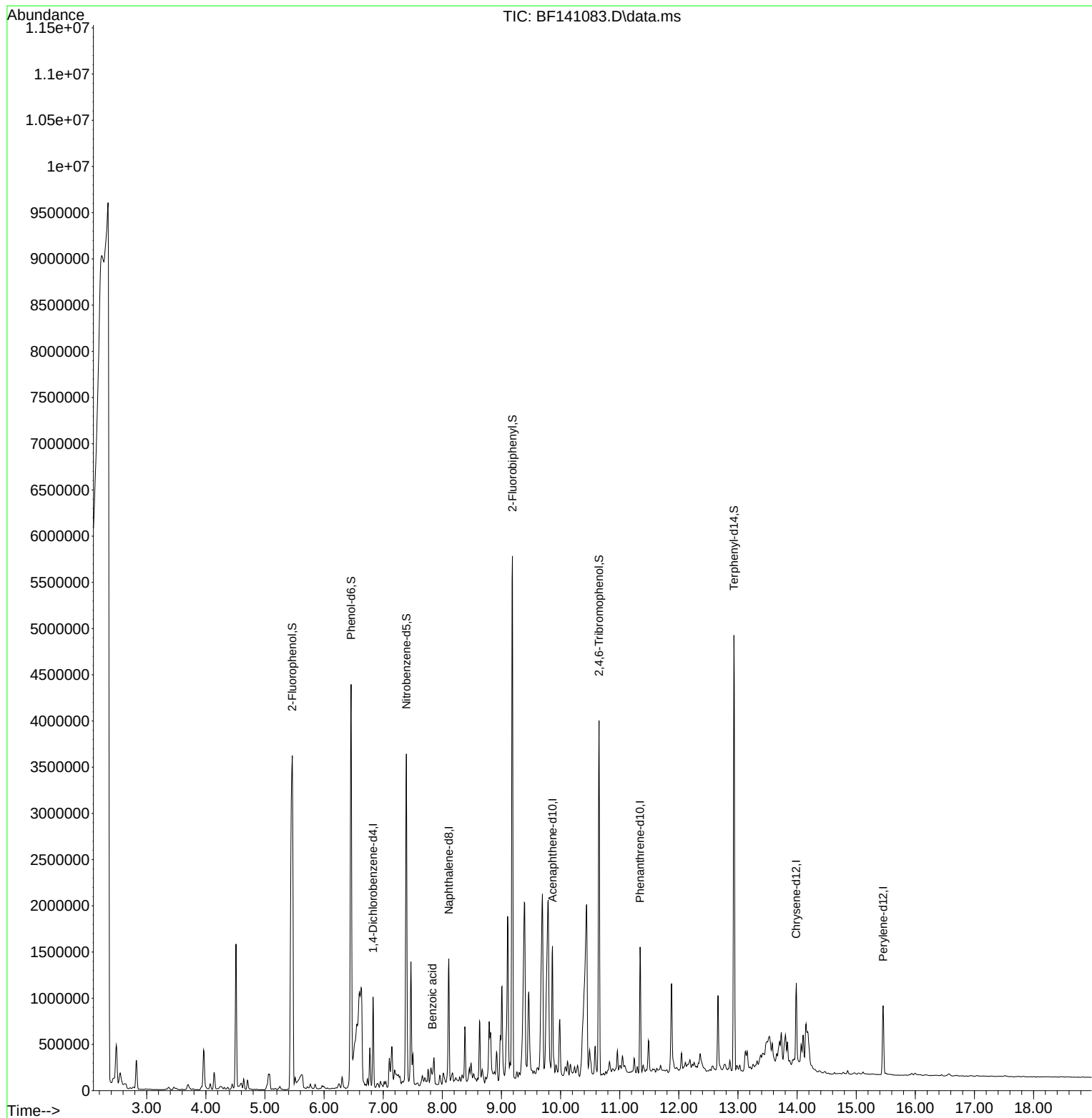
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	196666	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	762012	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	411604	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	675105	20.000	ng	0.00
76) Chrysene-d12	13.986	240	409501	20.000	ng	0.00
86) Perylene-d12	15.457	264	428622	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1925928	147.616	ng	0.03
7) Phenol-d6	6.457	99	2260935	134.522	ng	0.00
23) Nitrobenzene-d5	7.392	82	1466442	123.121	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	723805	180.970	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2505048	96.966	ng	0.00
79) Terphenyl-d14	12.933	244	2340623	94.939	ng	0.00
Target Compounds						
32) Benzoic acid	7.834	122	11815m	8.965	ng	Qvalue

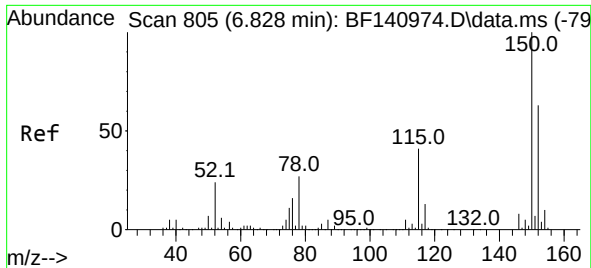
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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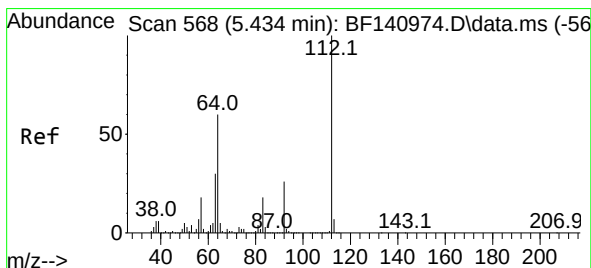
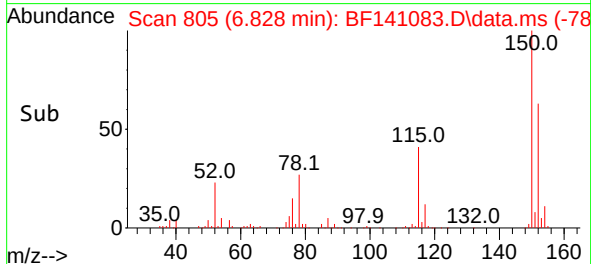
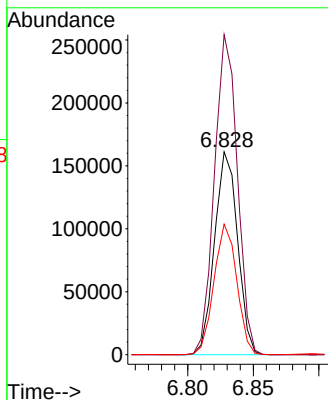
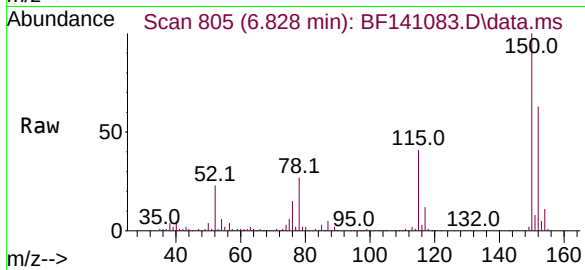




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141083.D
 Acq: 08 Jan 2025 14:59

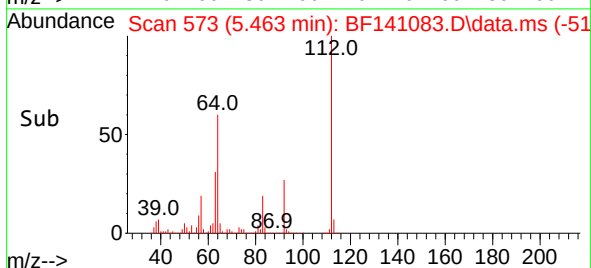
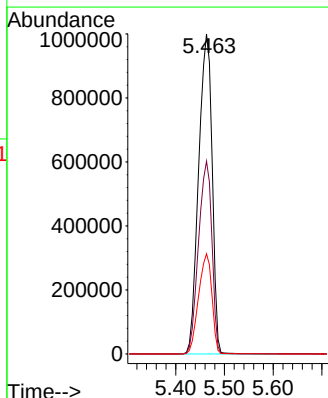
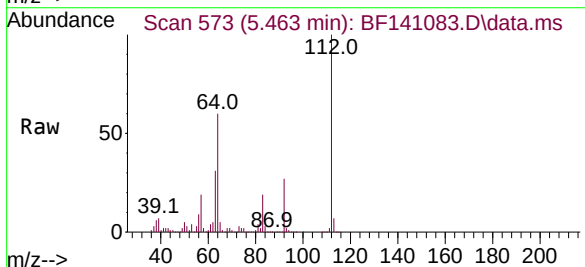
Instrument :
 BNA_F
 ClientSampleId :
 HT2651

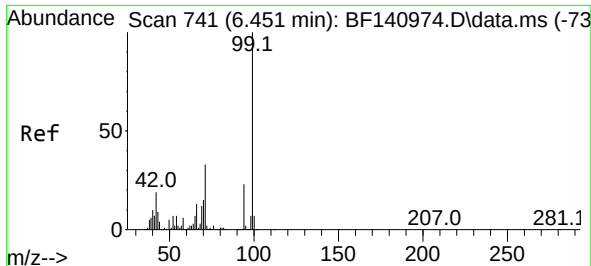
Tgt Ion:152 Resp: 196666
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.0 190.6
 115 64.3 51.7 77.5



#5
 2-Fluorophenol
 Concen: 147.616 ng
 RT: 5.463 min Scan# 573
 Delta R.T. 0.029 min
 Lab File: BF141083.D
 Acq: 08 Jan 2025 14:59

Tgt Ion:112 Resp: 1925928
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.7 71.5
 63 31.3 24.2 36.2

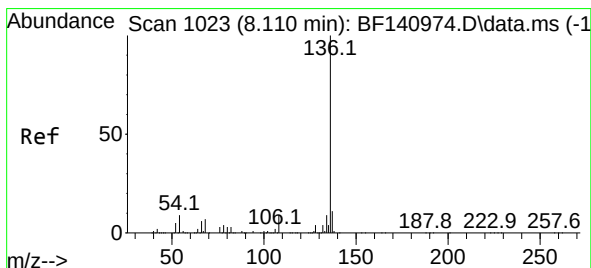
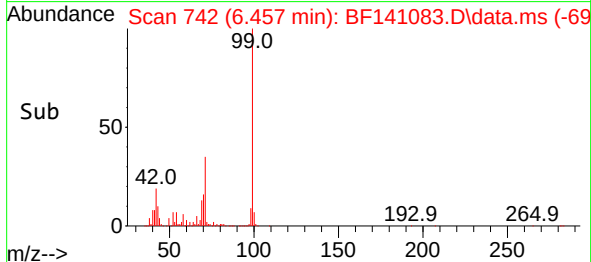
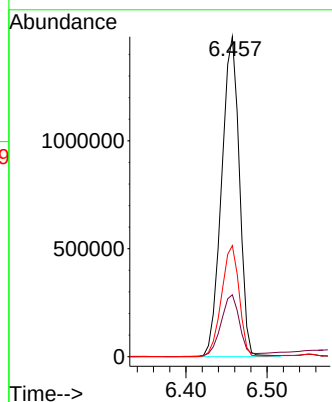
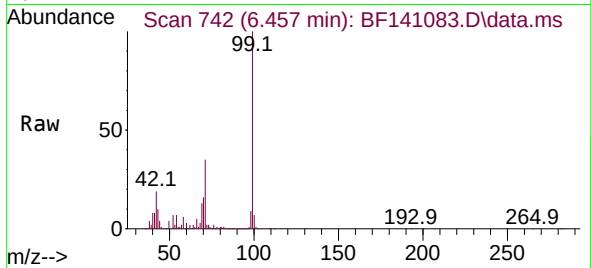




#7
Phenol-d6
Concen: 134.522 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141083.D
Acq: 08 Jan 2025 14:59

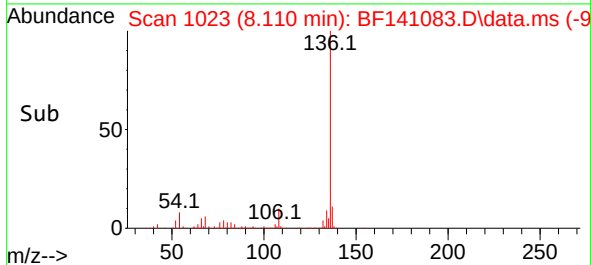
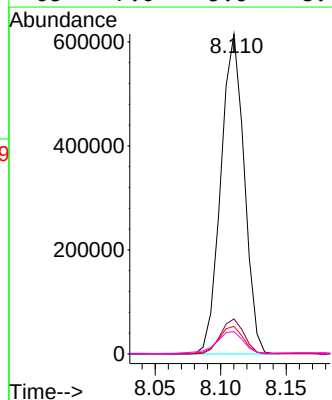
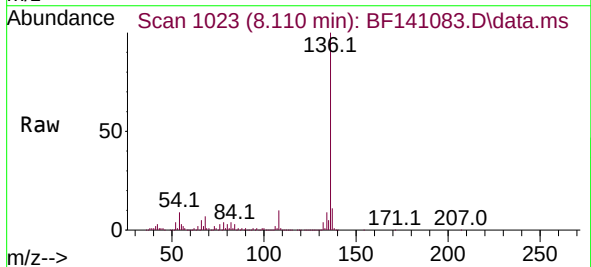
Instrument :
BNA_F
ClientSampleId :
HT2651

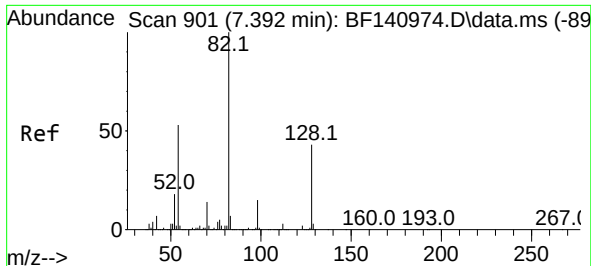
Tgt Ion: 99 Resp: 2260935
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 34.7 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141083.D
Acq: 08 Jan 2025 14:59

Tgt Ion: 136 Resp: 762012
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.6 7.6 11.4
68 7.0 5.6 8.4

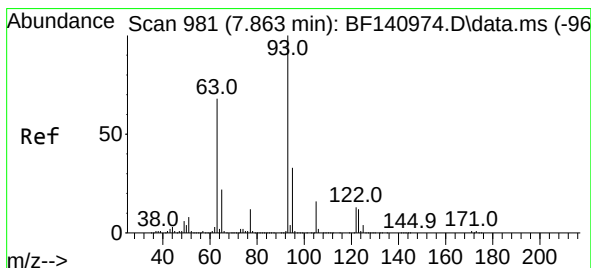
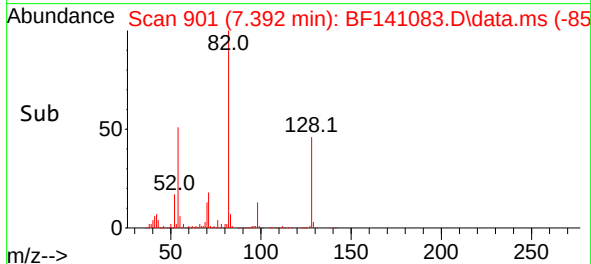
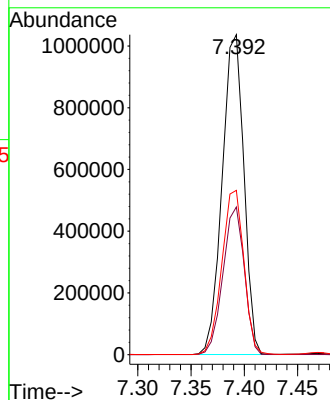
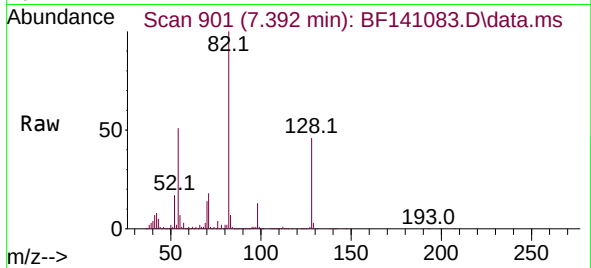




#23
Nitrobenzene-d5
Concen: 123.121 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF141083.D
Acq: 08 Jan 2025 14:59

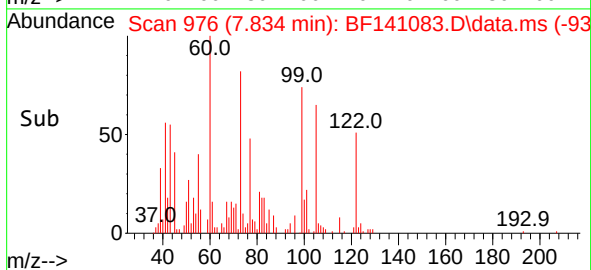
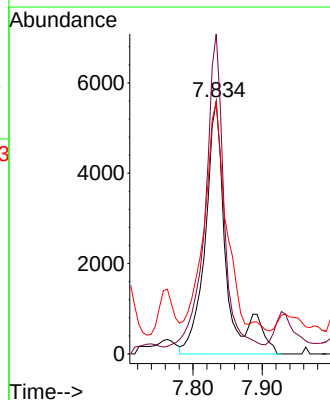
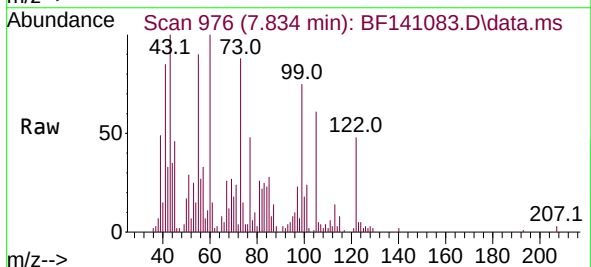
Instrument :
BNA_F
ClientSampleId :
HT2651

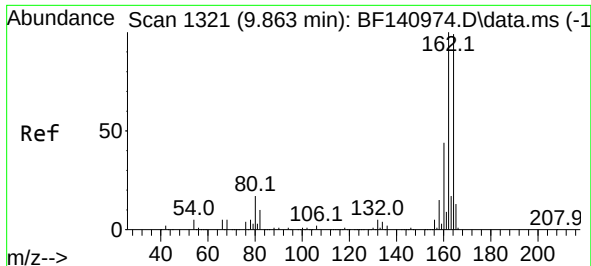
Tgt Ion: 82 Resp: 1466442
Ion Ratio Lower Upper
82 100
128 46.1 34.4 51.6
54 51.3 42.4 63.6



#32
Benzoic acid
Concen: 8.965 ng m
RT: 7.834 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF141083.D
Acq: 08 Jan 2025 14:59

Tgt Ion:122 Resp: 11815
Ion Ratio Lower Upper
122 100
105 126.7 105.4 145.4
77 99.7 76.4 116.4

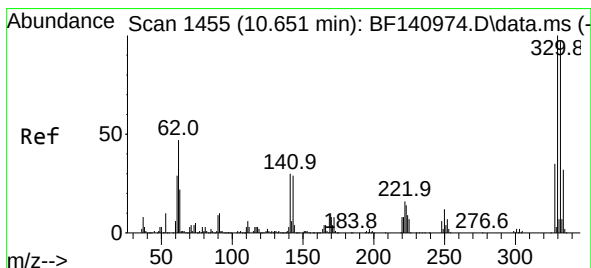
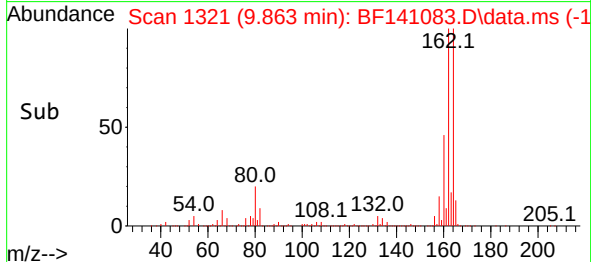
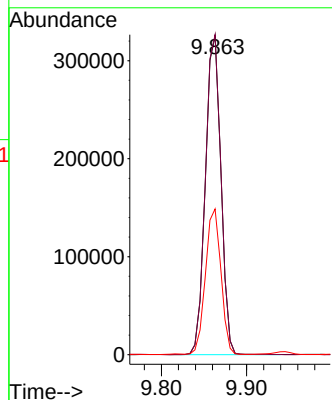
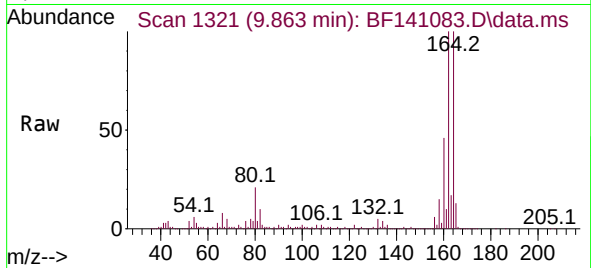




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141083.D
Acq: 08 Jan 2025 14:59

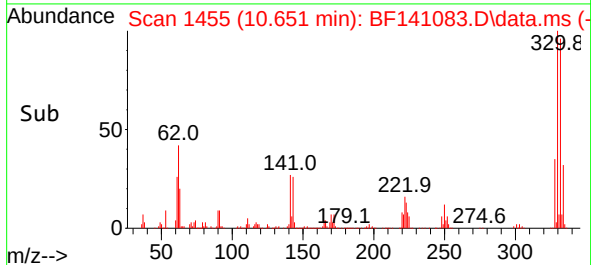
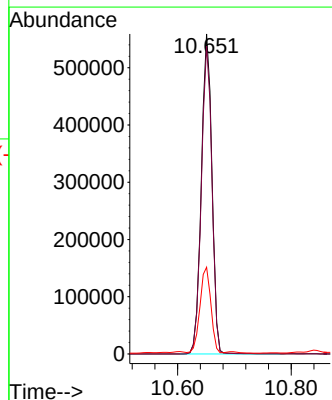
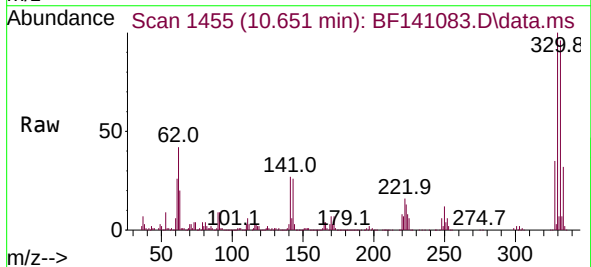
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ClientSampleId :
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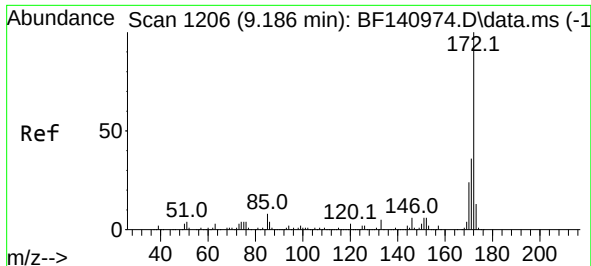
Tgt Ion:164 Resp: 411604
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 45.7 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 180.970 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141083.D
Acq: 08 Jan 2025 14:59

Tgt Ion:330 Resp: 723805
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 27.4 26.4 39.6

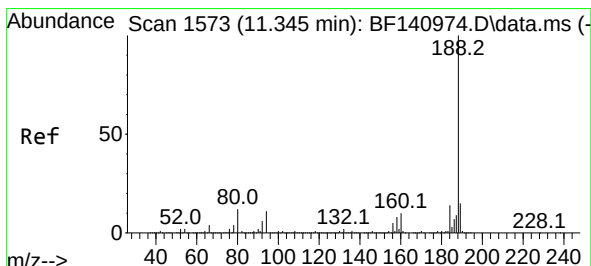
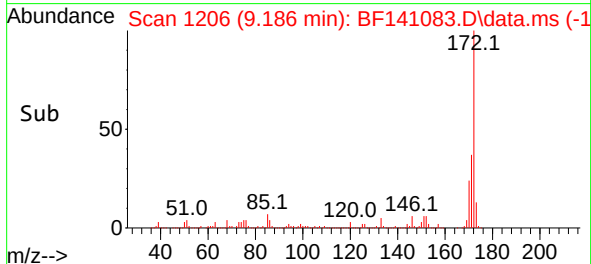
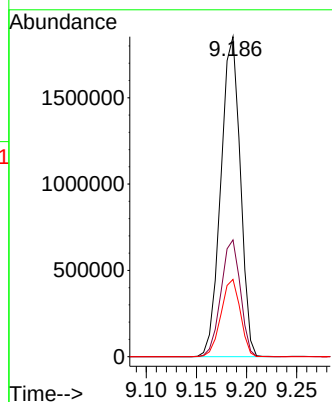
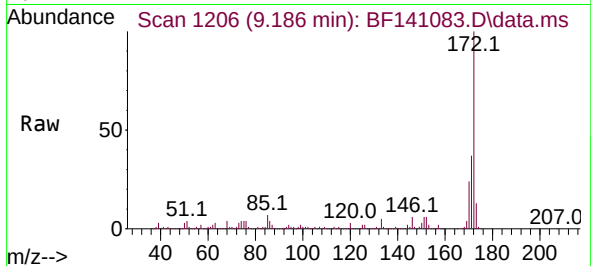




#45
2-Fluorobiphenyl
Concen: 96.966 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141083.D
Acq: 08 Jan 2025 14:59

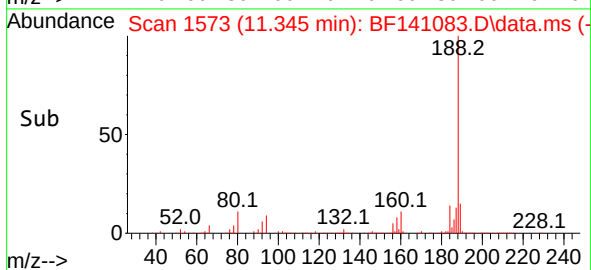
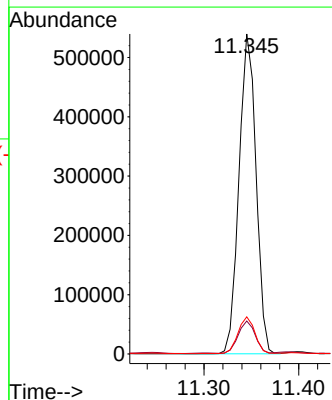
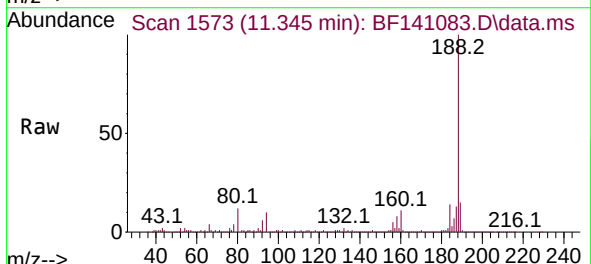
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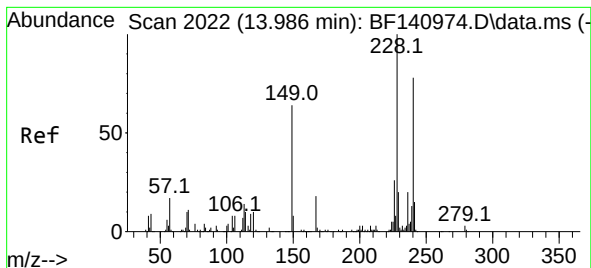
Tgt Ion:172 Resp: 2505048
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.1 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141083.D
Acq: 08 Jan 2025 14:59

Tgt Ion:188 Resp: 675105
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 11.6 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141083.D

Acq: 08 Jan 2025 14:59

Instrument :

BNA_F

ClientSampleId :

HT2651

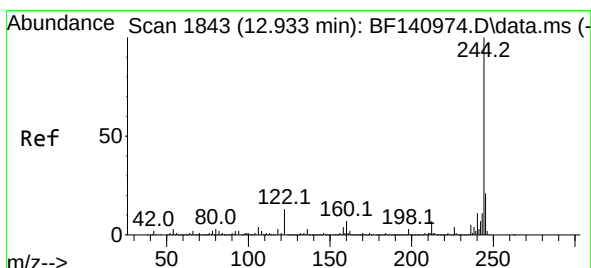
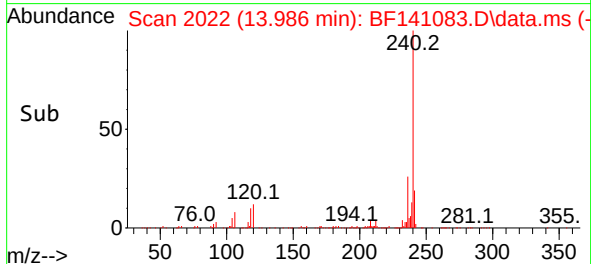
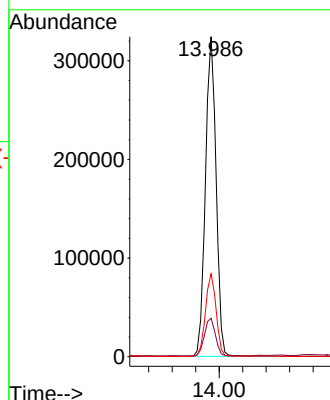
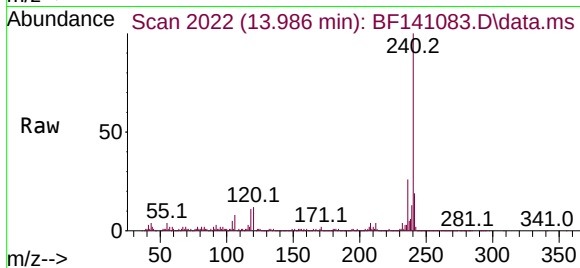
Tgt Ion:240 Resp: 409501

Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

236 25.9 20.6 31.0



#79

Terphenyl-d14

Concen: 94.939 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141083.D

Acq: 08 Jan 2025 14:59

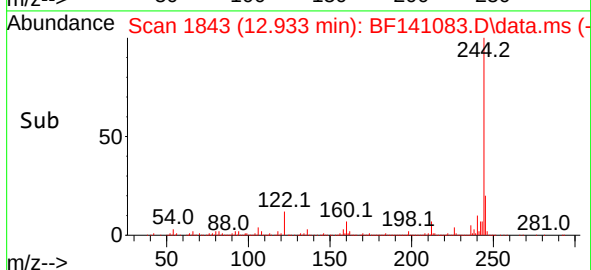
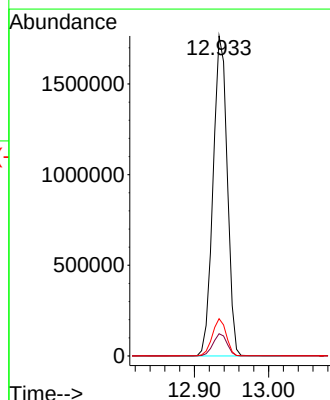
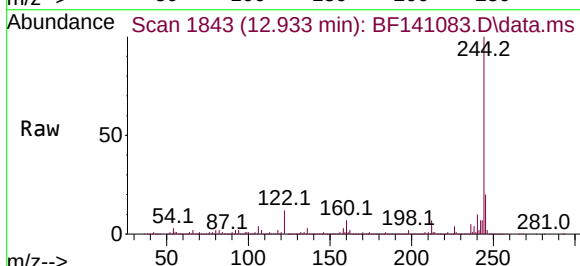
Tgt Ion:244 Resp: 2340623

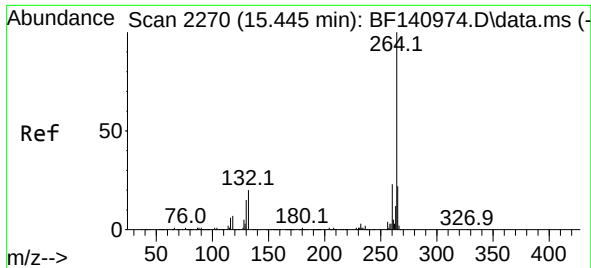
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.6 10.2 15.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF141083.D
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Tgt Ion:264 Resp: 428622
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.5 17.4 26.2

