

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141151.D
 Acq On : 14 Jan 2025 17:46
 Operator : RC/JU
 Sample : Q1069-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW7B-CARBON-20250109

Quant Time: Jan 15 00:12:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

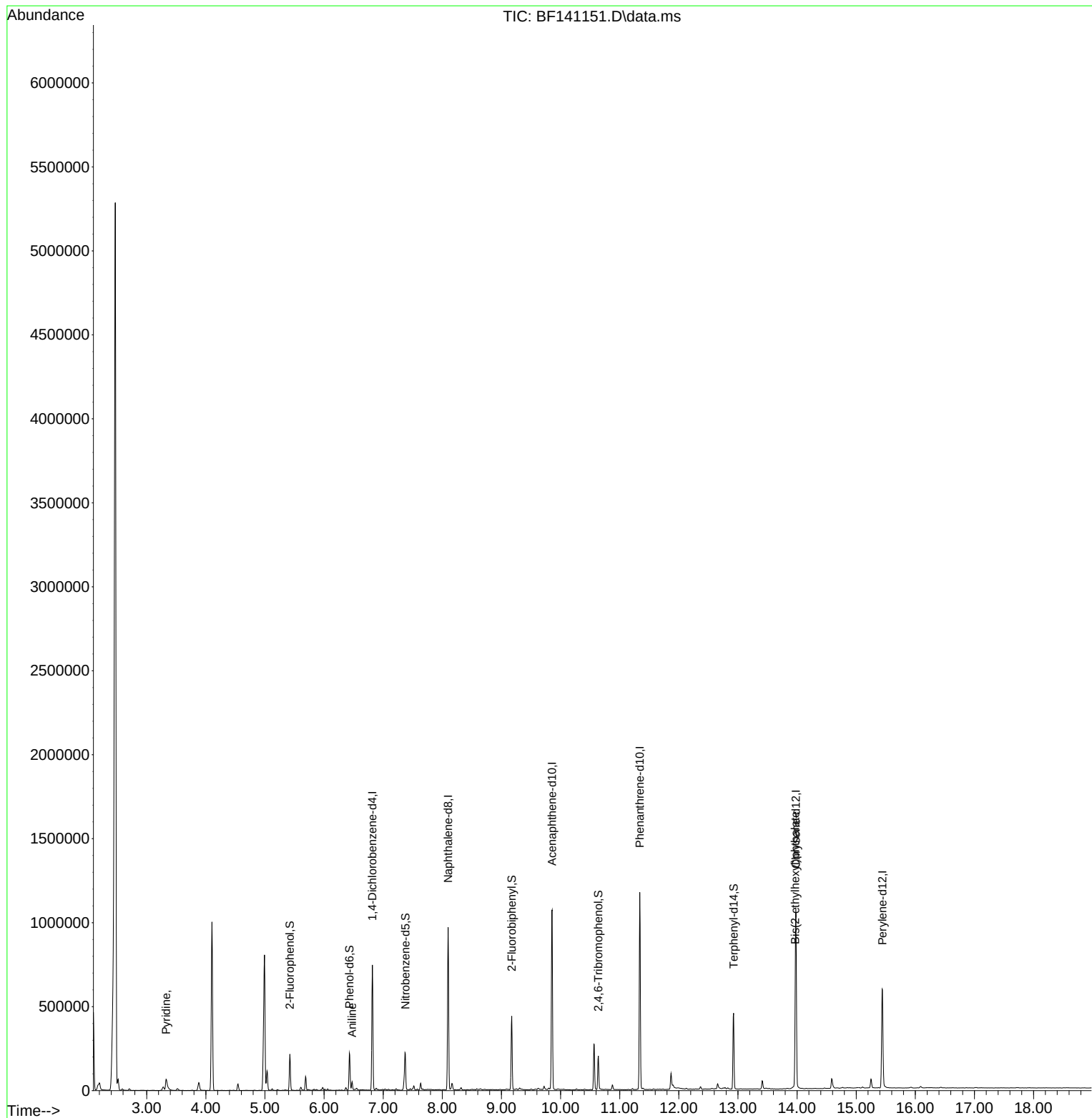
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	154152	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	617753	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	338872	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	581822	20.000	ng	0.00
76) Chrysene-d12	13.980	240	461482	20.000	ng	0.00
86) Perylene-d12	15.445	264	360489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	80815	8.099	ng	0.00
7) Phenol-d6	6.428	99	106348	8.413	ng	-0.02
23) Nitrobenzene-d5	7.375	82	99452	8.534	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	35821	9.277	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	191817	8.644	ng	0.00
79) Terphenyl-d14	12.927	244	227304	7.321	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.328	79	56393	5.175	ng	97
6) Aniline	6.475	93	22988	2.048	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	83683	4.746	ng	99

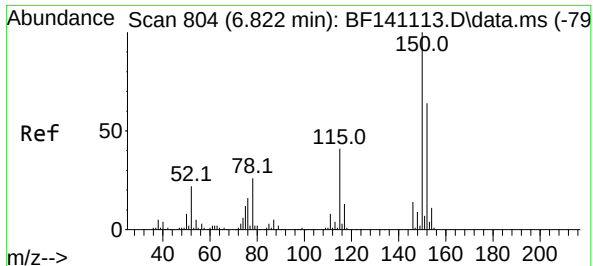
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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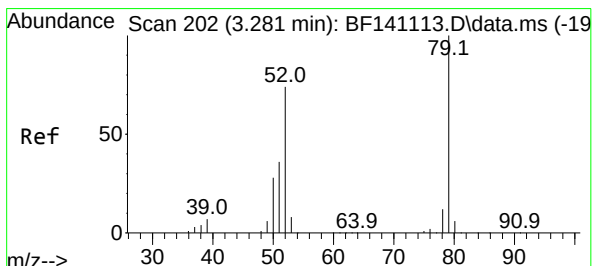
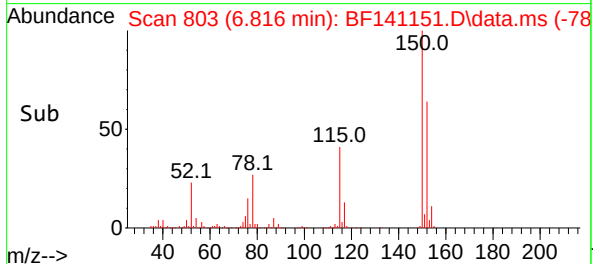
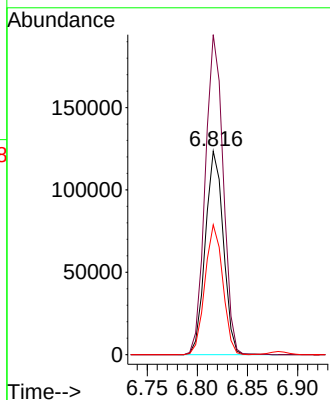
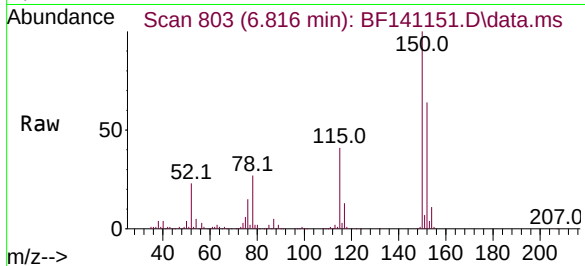




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

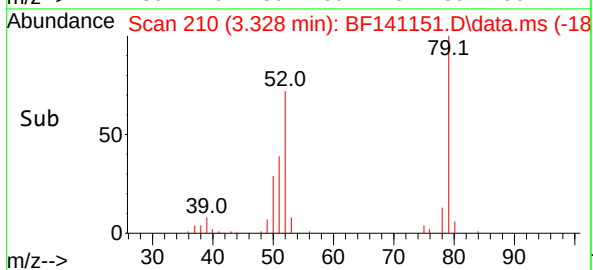
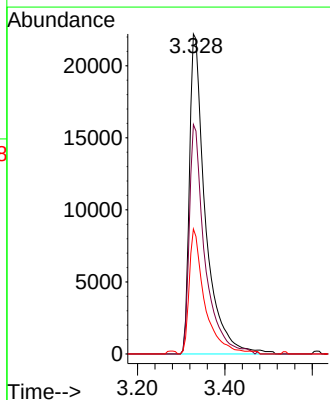
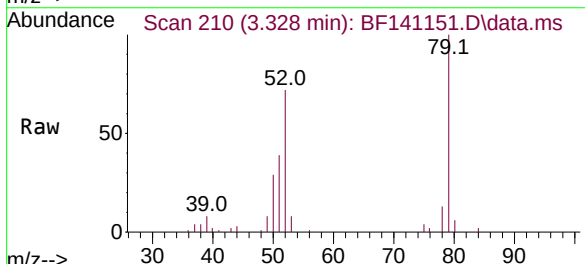
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ClientSampleId :
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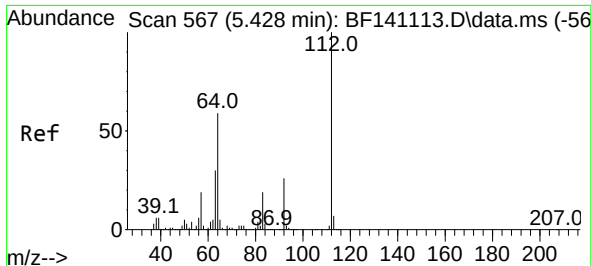
Tgt Ion:152 Resp: 154152
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.8
115 63.9 51.4 77.2



#3
Pyridine
Concen: 5.175 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

Tgt Ion: 79 Resp: 56393
Ion Ratio Lower Upper
79 100
52 71.7 58.9 88.3
51 39.1 29.1 43.7

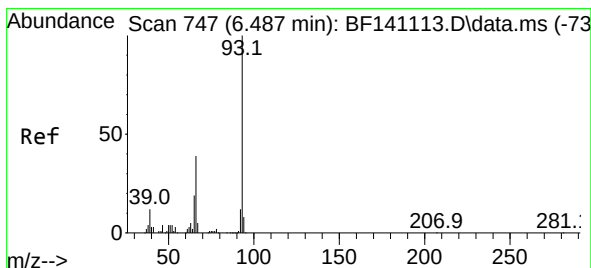
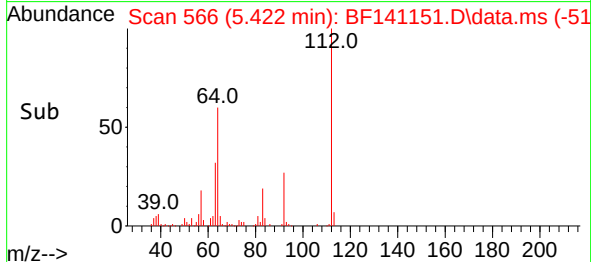
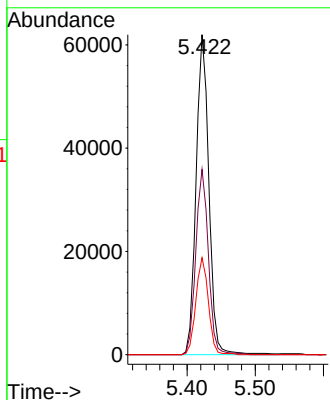
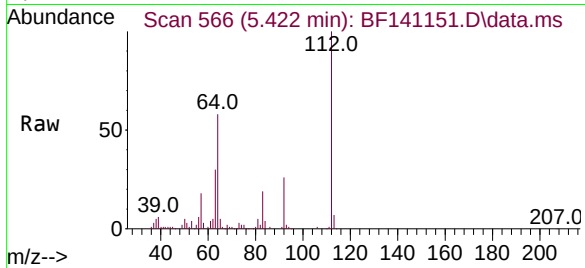




#5
2-Fluorophenol
Concen: 8.099 ng
RT: 5.422 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

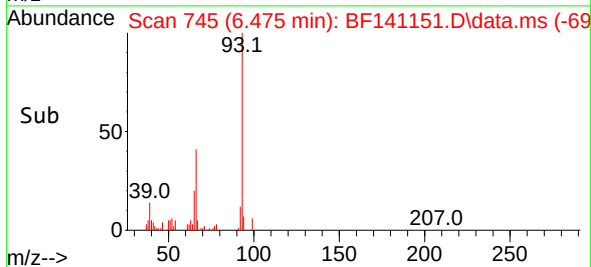
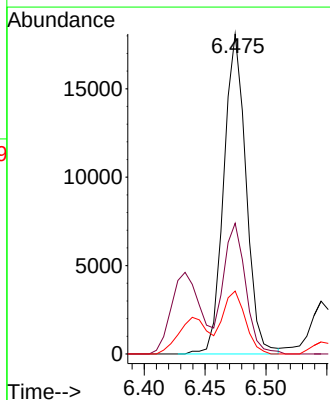
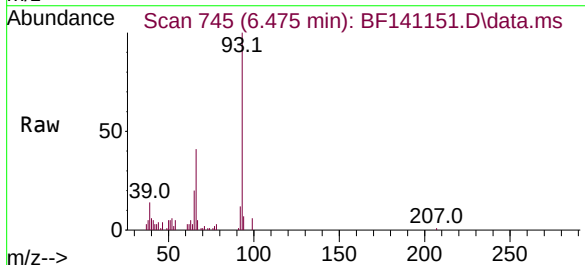
Instrument :
BNA_F
ClientSampleId :
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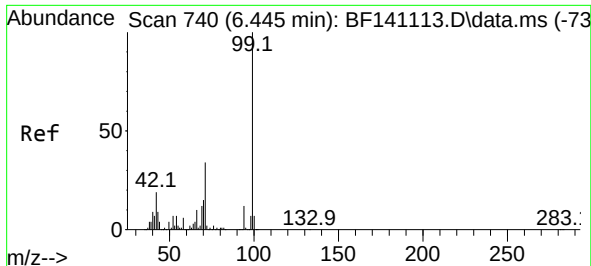
Tgt Ion:112 Resp: 80815
Ion Ratio Lower Upper
112 100
64 57.9 47.3 70.9
63 30.3 24.2 36.2



#6
Aniline
Concen: 2.048 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

Tgt Ion: 93 Resp: 22988
Ion Ratio Lower Upper
93 100
66 40.9 31.5 47.3
65 19.7 15.3 22.9

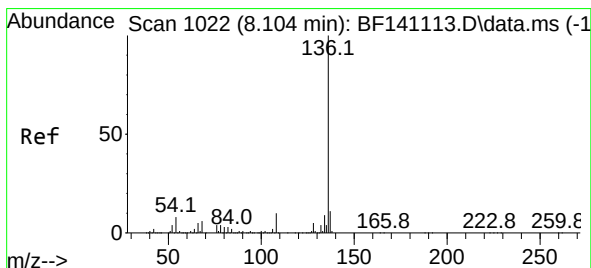
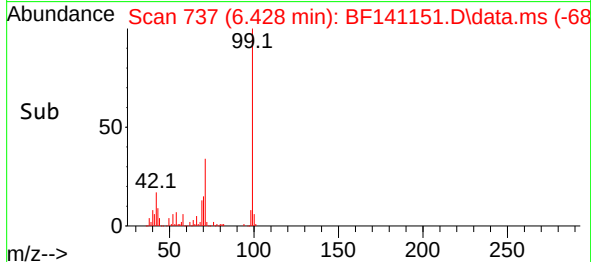
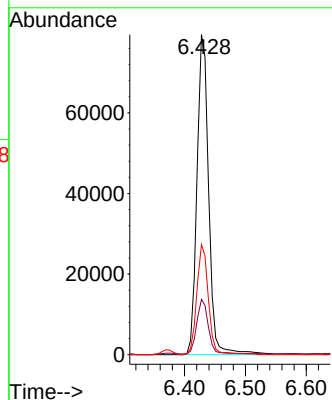
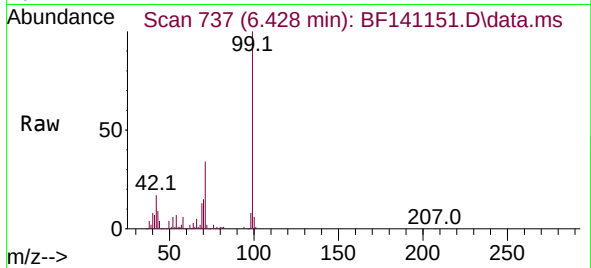




#7
Phenol-d6
Concen: 8.413 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

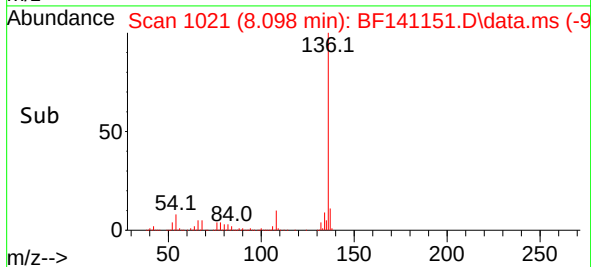
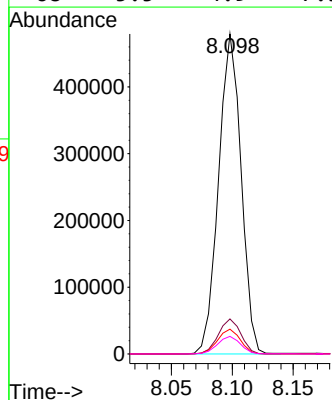
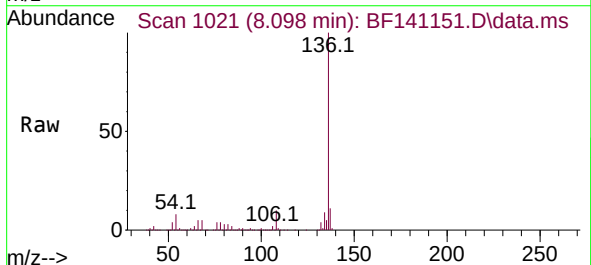
Instrument :
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ClientSampleId :
RW7B-CARBON-20250109

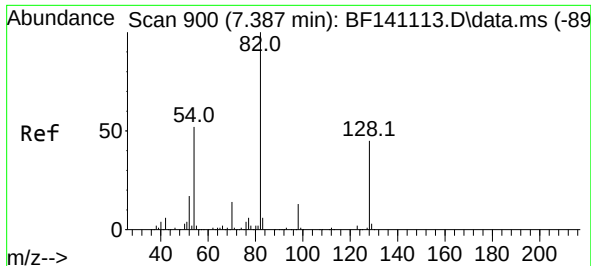
Tgt Ion: 99 Resp: 106348
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 34.5 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

Tgt Ion: 136 Resp: 617753
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.3 9.5
68 5.5 4.9 7.3

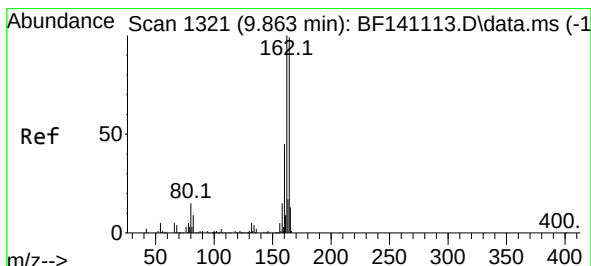
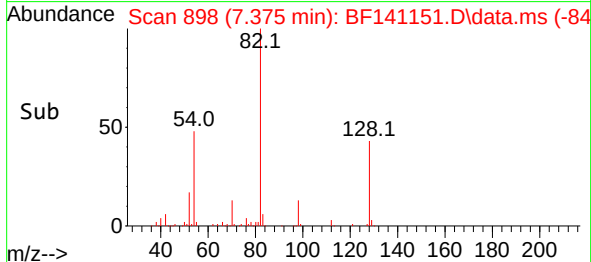
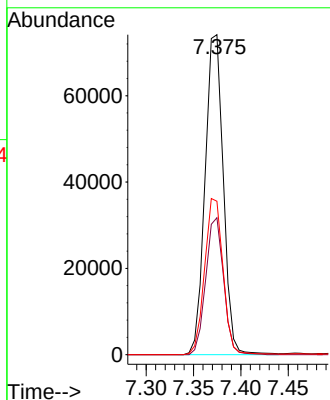
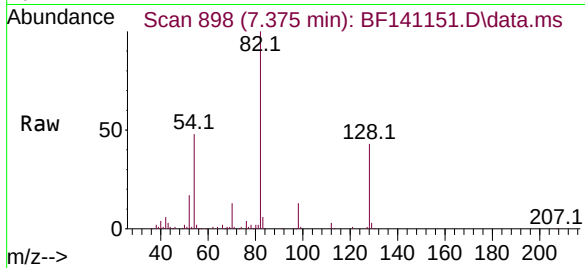




#23
Nitrobenzene-d5
Concen: 8.534 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

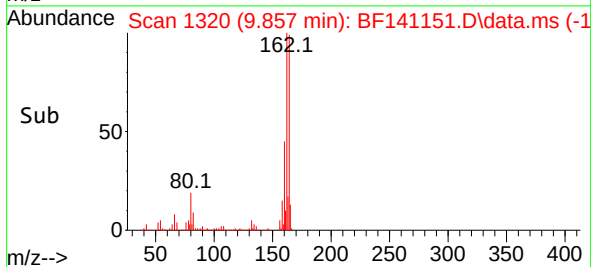
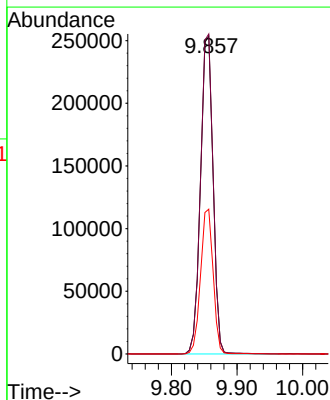
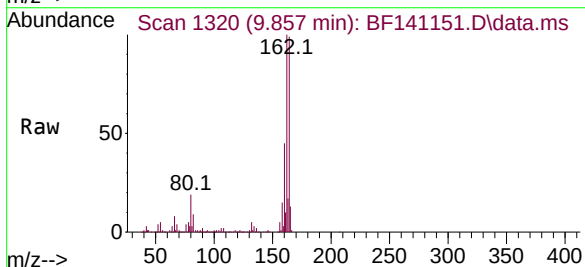
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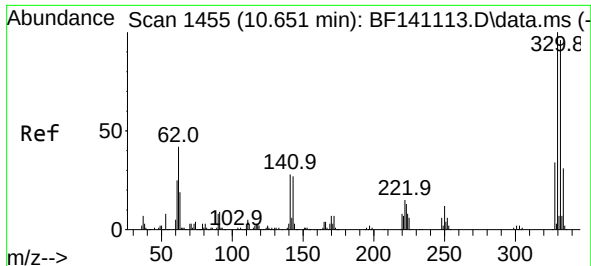
Tgt Ion: 82 Resp: 99452
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 47.9 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

Tgt Ion: 164 Resp: 338872
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 45.5 36.1 54.1

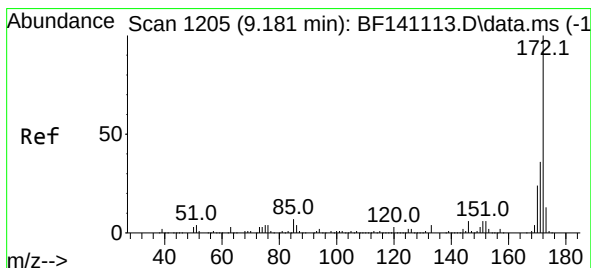
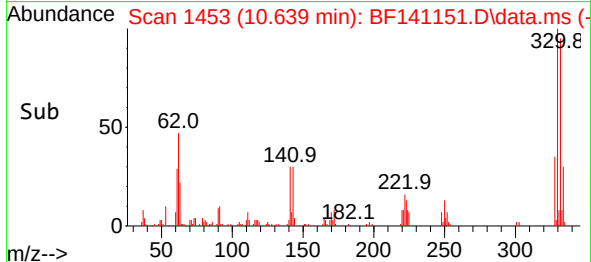
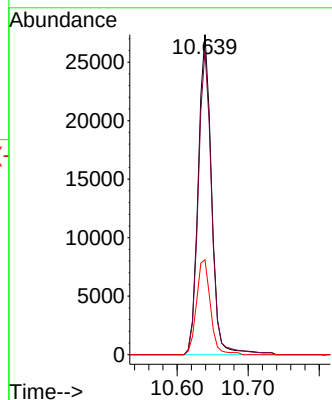
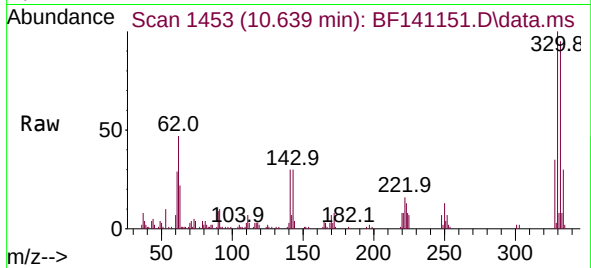




#42
2,4,6-Tribromophenol
Concen: 9.277 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

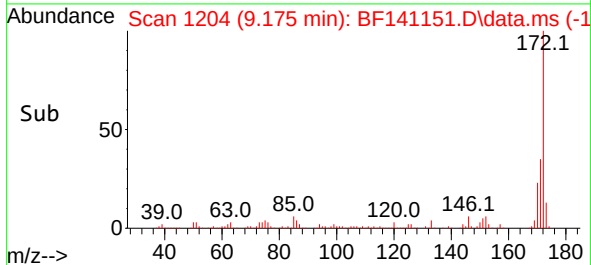
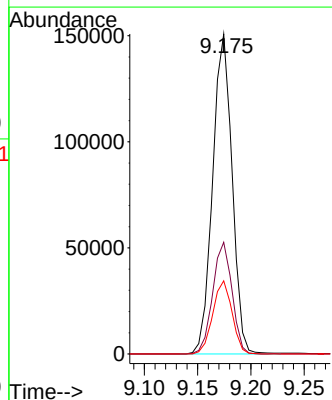
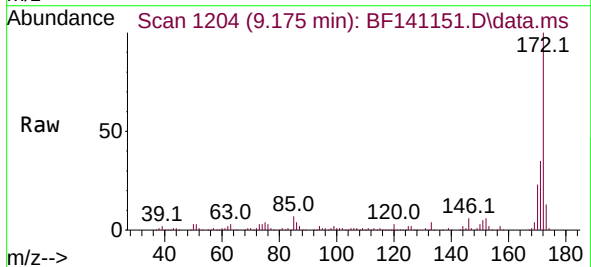
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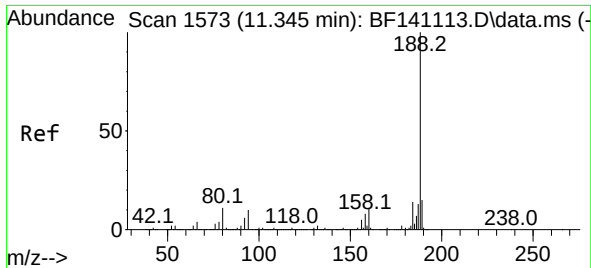
Tgt Ion: 330 Resp: 35821
Ion Ratio Lower Upper
330 100
332 95.3 76.9 115.3
141 30.9 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 8.644 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

Tgt Ion: 172 Resp: 191817
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 22.8 19.0 28.6

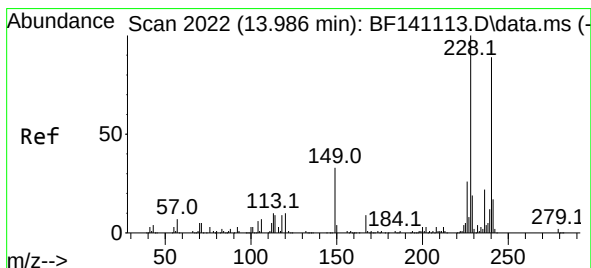
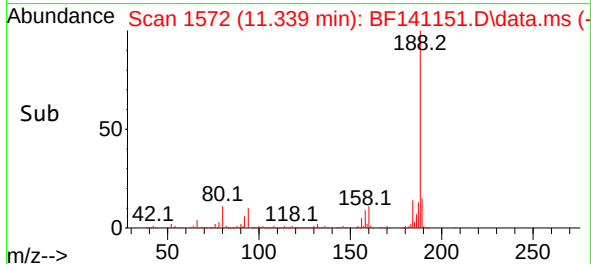
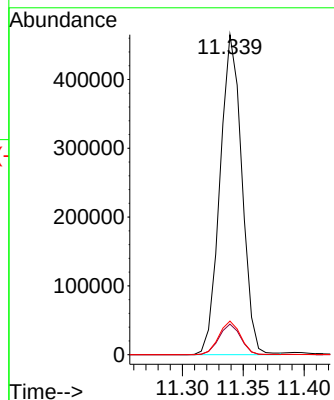
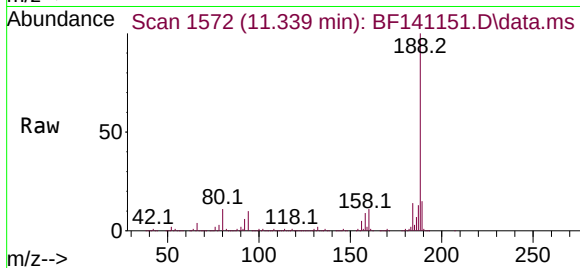




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

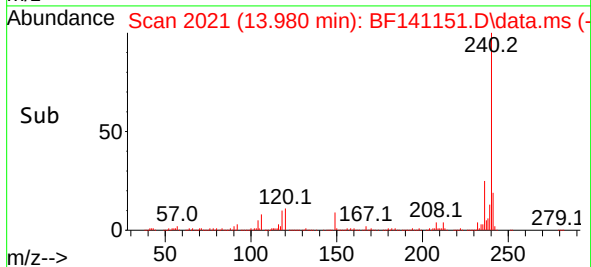
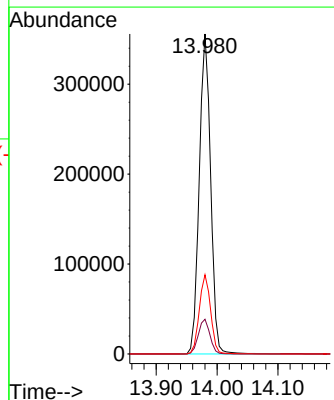
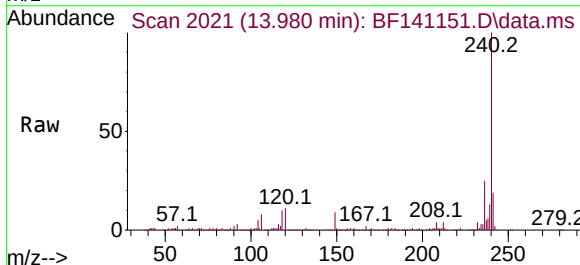
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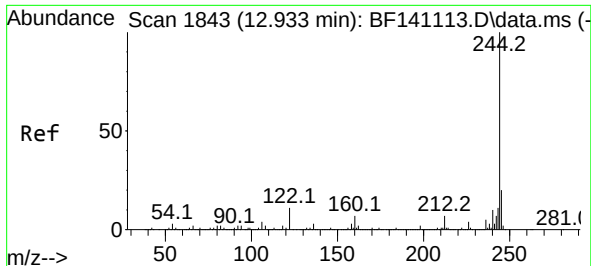
Tgt Ion:188 Resp: 581822
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

Tgt Ion:240 Resp: 461482
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 24.7 19.8 29.6

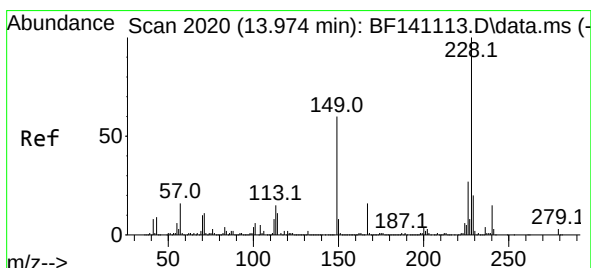
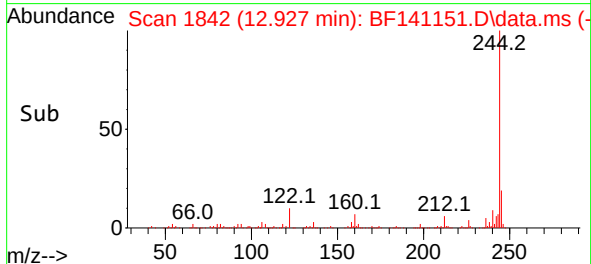
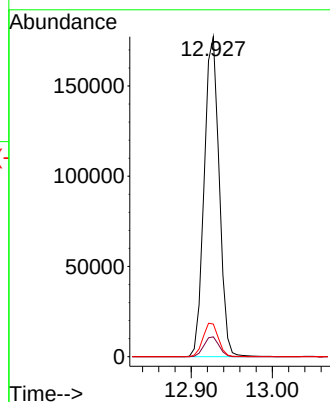
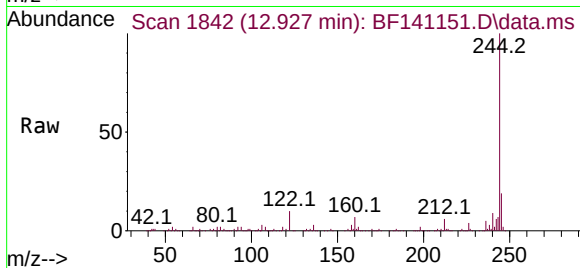




#79
 Terphenyl-d14
 Concen: 7.321 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF141151.D
 Acq: 14 Jan 2025 17:46

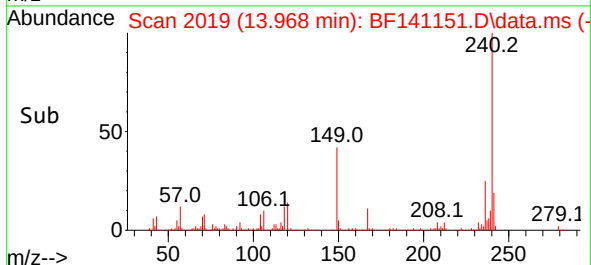
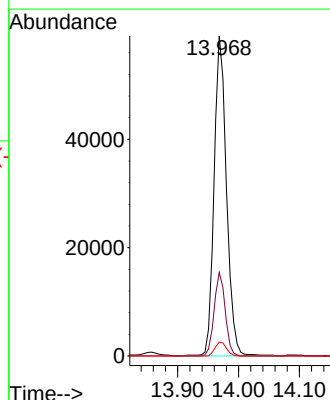
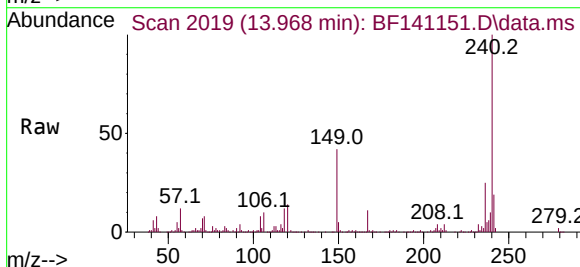
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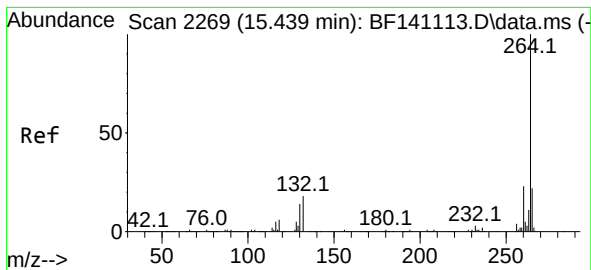
Tgt Ion:244 Resp: 227304
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.2
 122 10.2 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.746 ng
 RT: 13.968 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BF141151.D
 Acq: 14 Jan 2025 17:46

Tgt Ion:149 Resp: 83683
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.2
 279 4.4 3.4 5.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141151.D

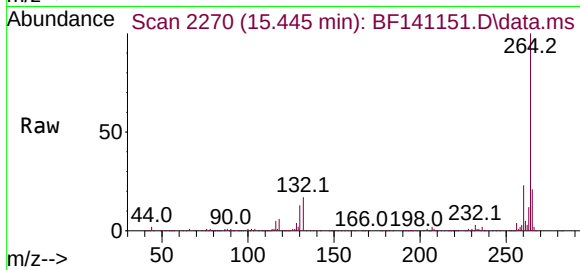
Acq: 14 Jan 2025 17:46

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 360489

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.1 17.4 26.0

