

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141276.D
 Acq On : 27 Jan 2025 16:51
 Operator : RC/JU
 Sample : Q1169-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REGULATOR-BUILDING-GRAVEL

Quant Time: Jan 27 17:38:51 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)

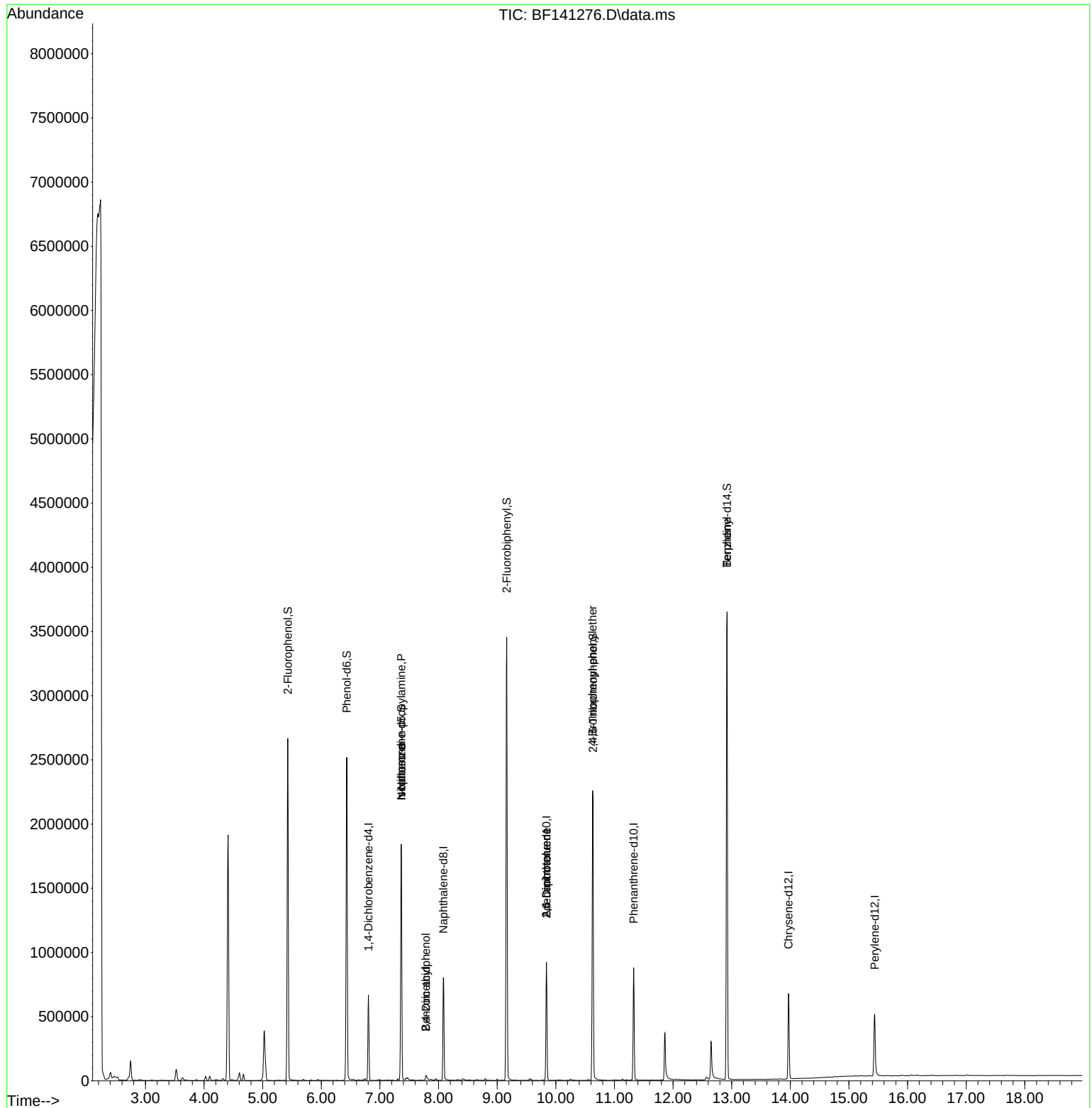
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	136506	20.000	ng	-0.02
21) Naphthalene-d8	8.081	136	541009	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	273744	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	440856	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	330892	20.000	ng	-0.02
86) Perylene-d12	15.439	264	286824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1046245	118.401	ng	0.00
7) Phenol-d6	6.434	99	1258650	112.447	ng	-0.01
23) Nitrobenzene-d5	7.363	82	838384	82.145	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	456778	146.444	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1601542	89.340	ng	-0.02
79) Terphenyl-d14	12.922	244	1850683	83.129	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	112292	17.031	ng	# 75
25) Isophorone	7.363	82	837108	47.995	ng	# 65
27) 2,4-Dimethylphenol	7.787	122	15343	2.351	ng	# 4
32) Benzoic acid	7.787	122	15343	2.451	ng	# 98
51) 2,6-Dinitrotoluene	9.839	165	35299	8.260	ng	# 27
57) 2,4-Dinitrotoluene	9.839	165	35299	6.409	ng	# 24
67) 4-Bromophenyl-phenylether	10.628	248	27911	5.499	ng	# 1
77) Benzidine	12.922	184	22573	3.679	ng	# 91

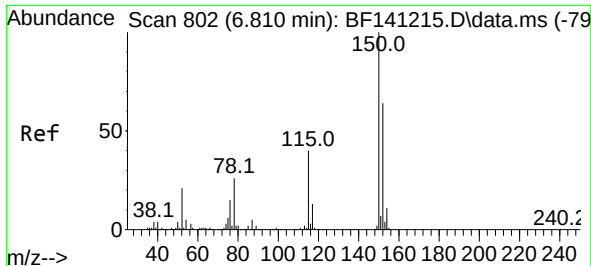
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
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Misc :
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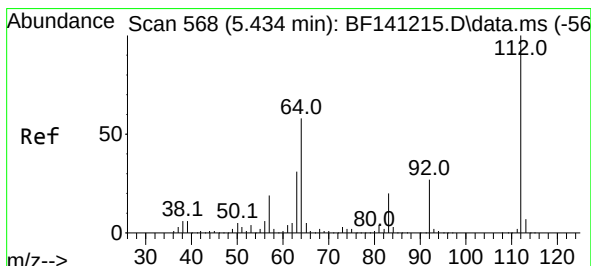
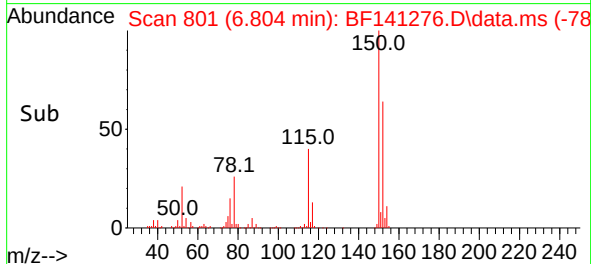
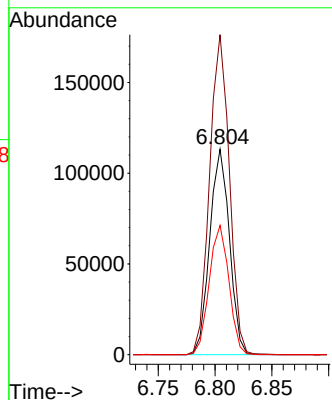
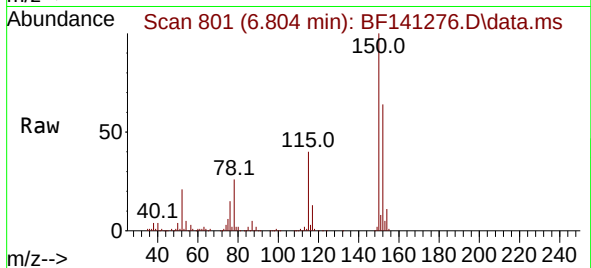




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

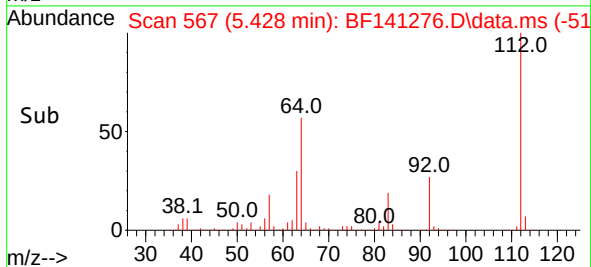
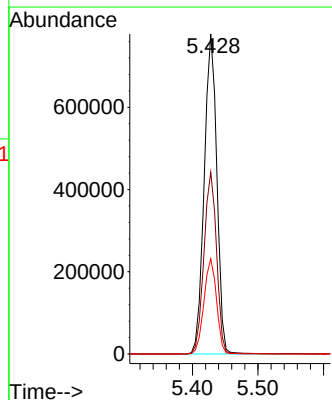
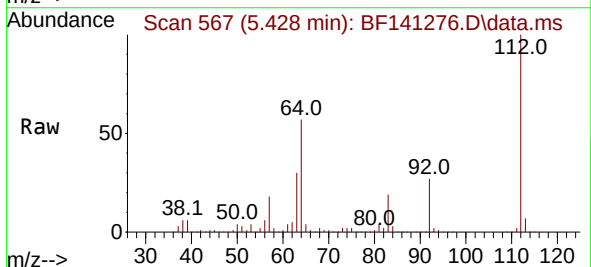
Instrument :
BNA_F
ClientSampleId :
REGULATOR-BUILDING-GRAVEL

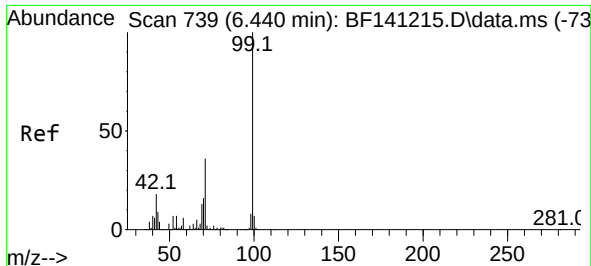
Tgt Ion:152 Resp: 136506
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.8
115 63.0 51.4 77.2



#5
2-Fluorophenol
Concen: 118.401 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

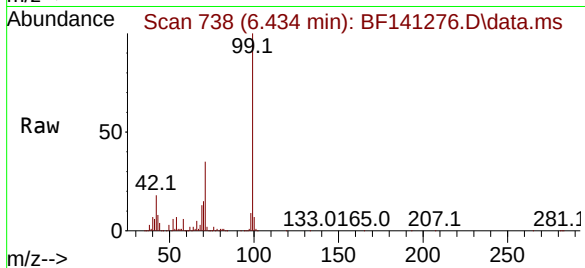
Tgt Ion:112 Resp: 1046245
Ion Ratio Lower Upper
112 100
64 56.8 47.3 70.9
63 29.7 24.2 36.2





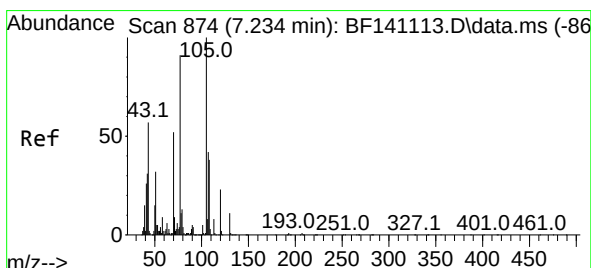
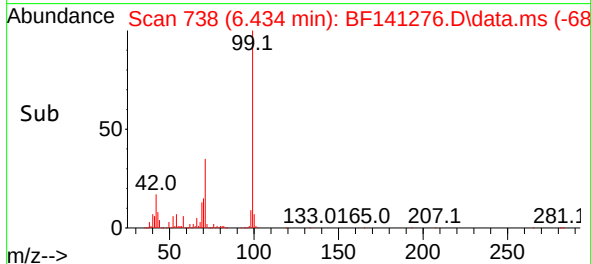
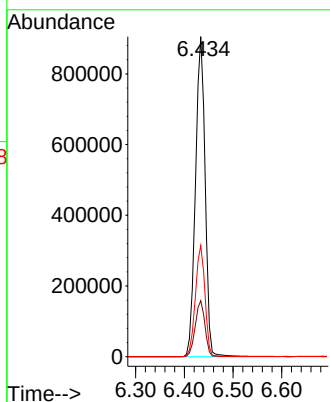
#7
Phenol-d6
Concen: 112.447 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1258650

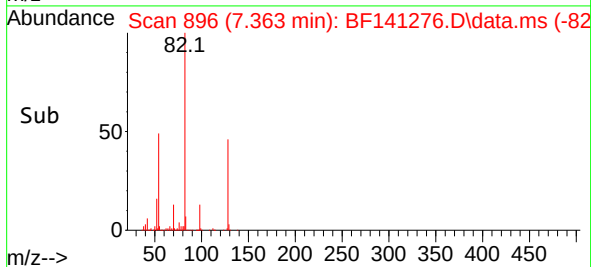
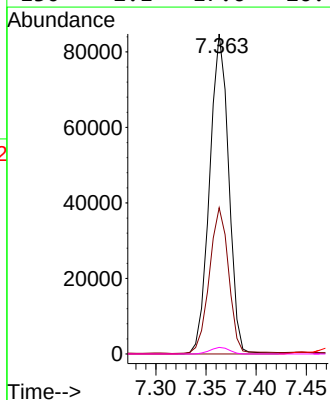
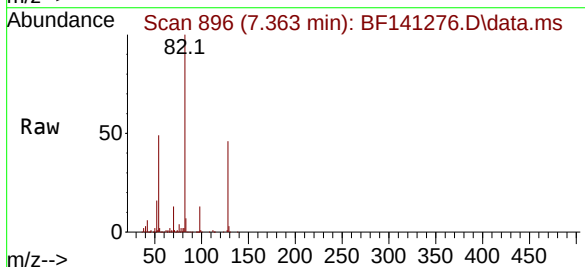
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	34.7	27.6	41.4

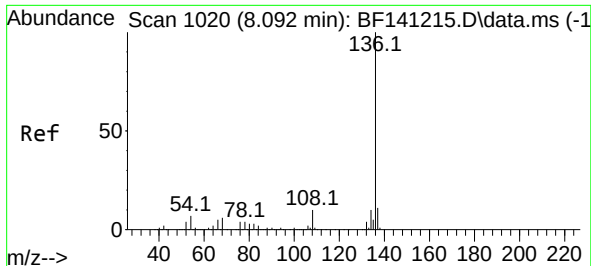


#19
n-Nitroso-di-n-propylamine
Concen: 17.031 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.129 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

Tgt Ion: 70 Resp: 112292

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.8	71.6#
101	0.0	7.9	11.9#
130	2.1	17.6	26.4#

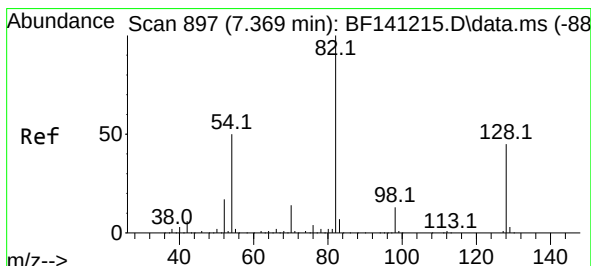
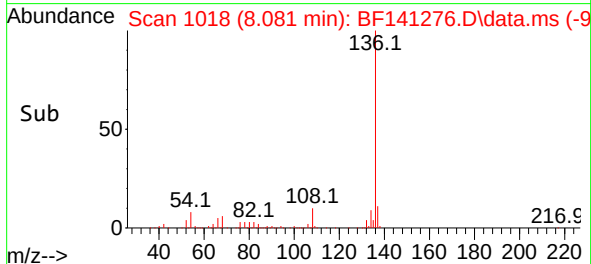
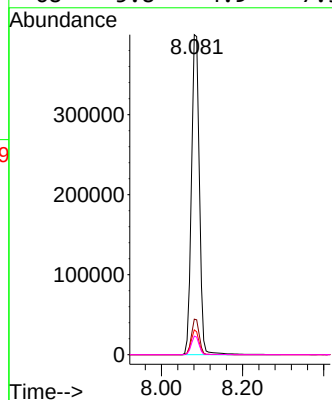
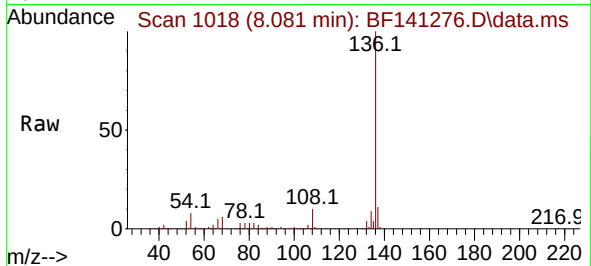




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.023 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

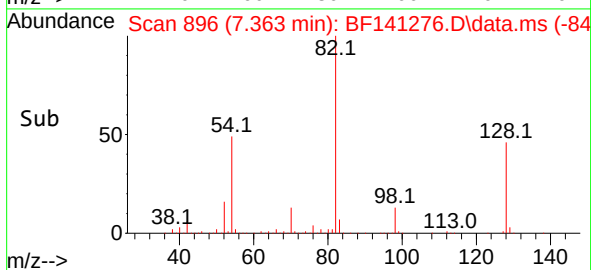
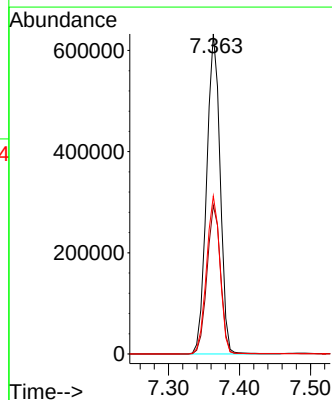
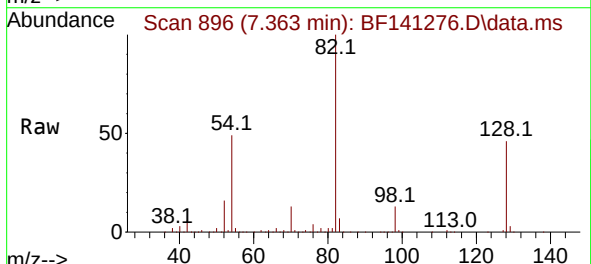
Instrument :
BNA_F
ClientSampleId :
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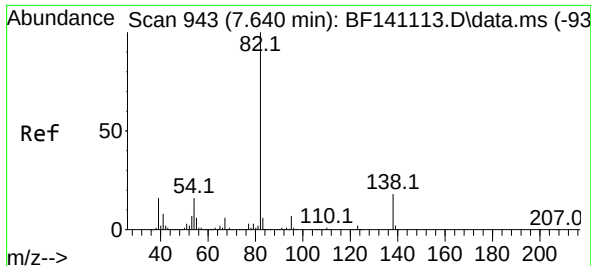
Tgt Ion:136 Resp: 541009
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 6.3 9.5
68 5.8 4.9 7.3



#23
Nitrobenzene-d5
Concen: 82.145 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.023 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

Tgt Ion: 82 Resp: 838384
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 49.3 41.0 61.4

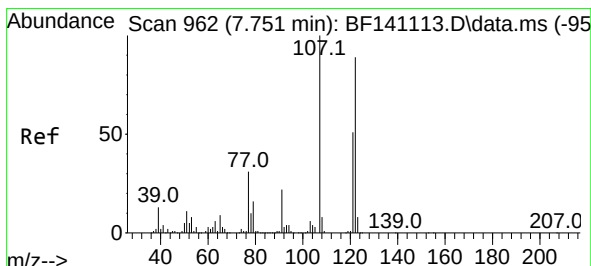
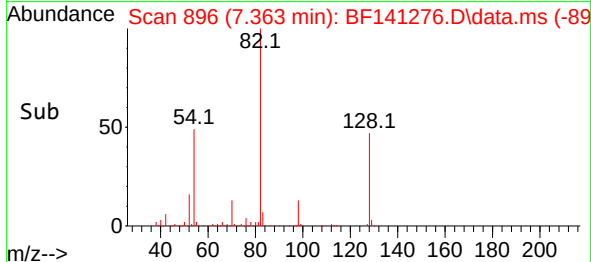
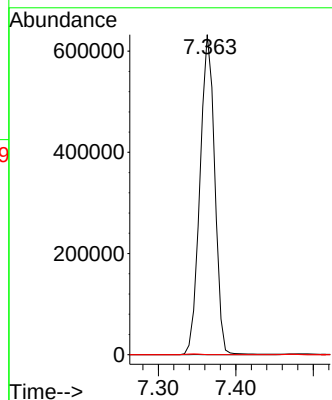
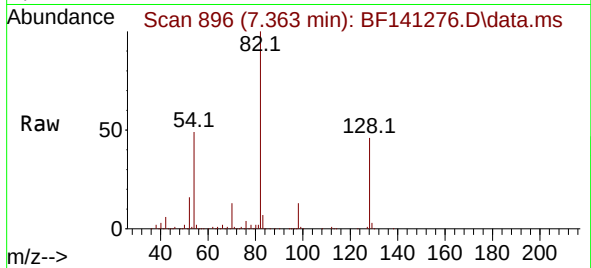




#25
Isophorone
Concen: 47.995 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.276 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

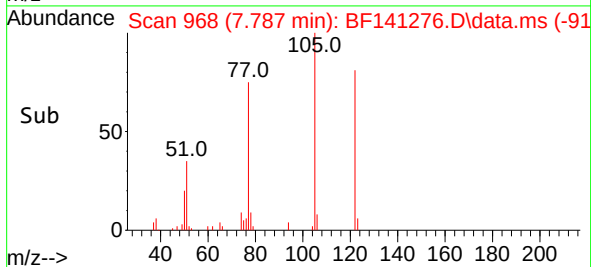
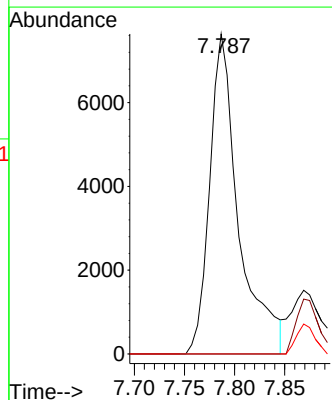
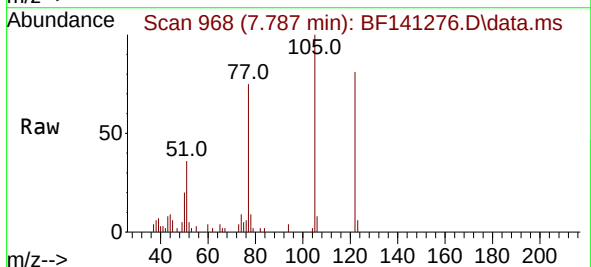
Instrument :
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ClientSampleId :
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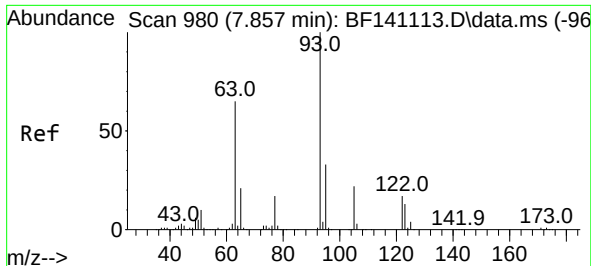
Tgt Ion: 82 Resp: 837108
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 2.351 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.035 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

Tgt Ion:122 Resp: 15343
Ion Ratio Lower Upper
122 100
107 0.0 90.3 135.5#
121 0.0 46.5 69.7#

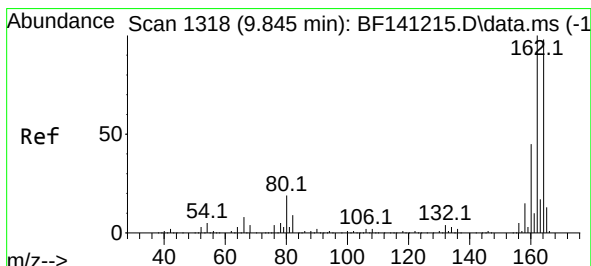
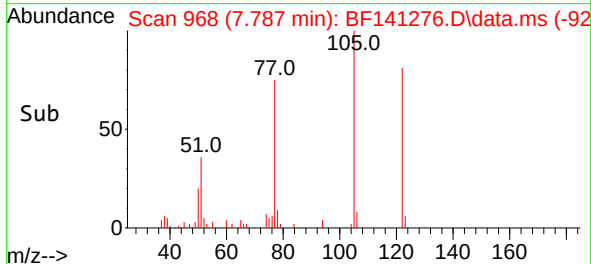
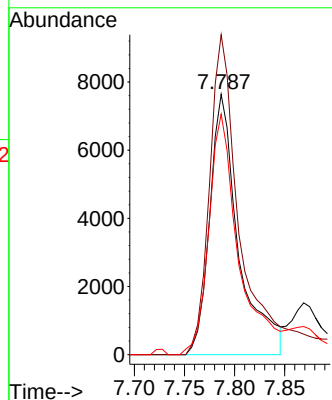
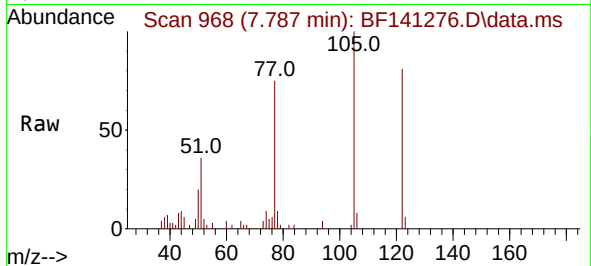




#32
Benzoic acid
Concen: 2.451 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.071 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

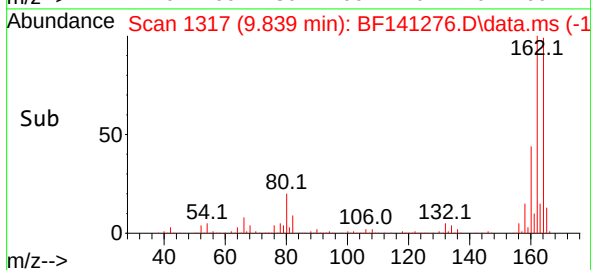
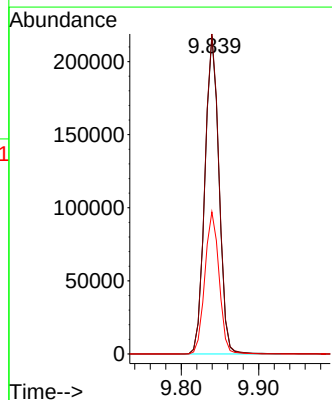
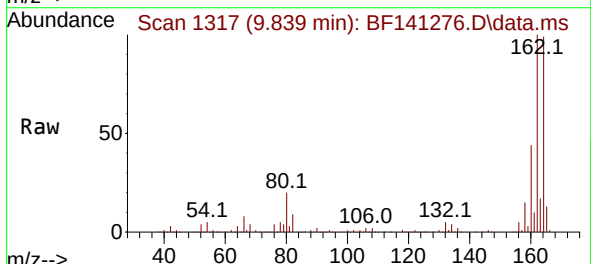
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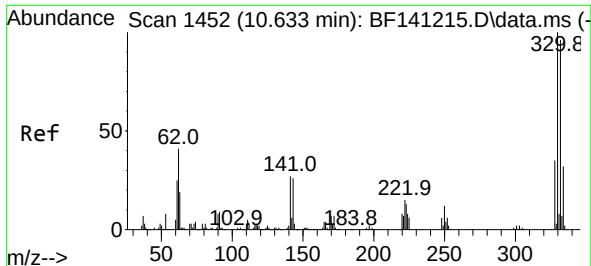
Tgt Ion:122 Resp: 15343
Ion Ratio Lower Upper
122 100
105 122.9 105.5 145.5
77 92.4 75.1 115.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.023 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

Tgt Ion:164 Resp: 273744
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.7 36.1 54.1

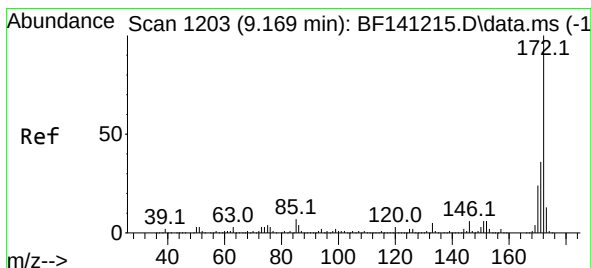
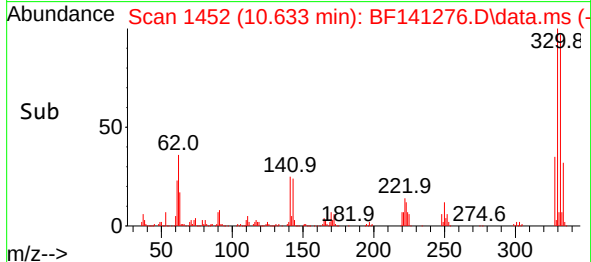
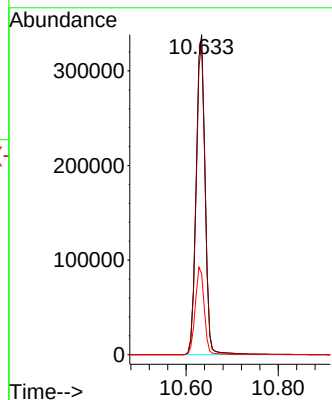
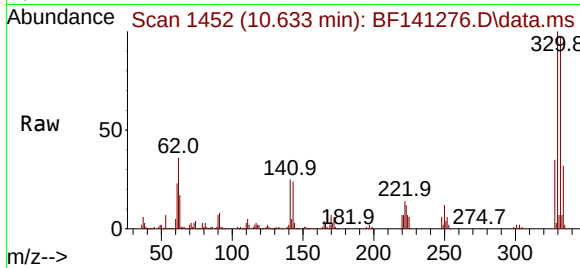




#42
2,4,6-Tribromophenol
Concen: 146.444 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

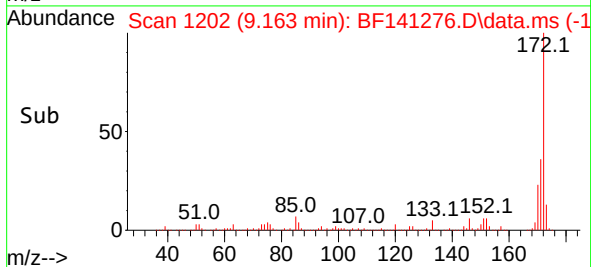
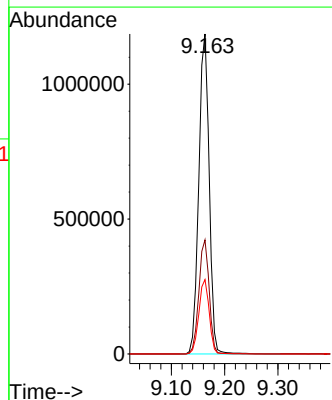
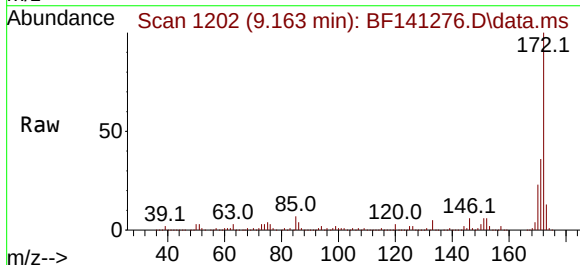
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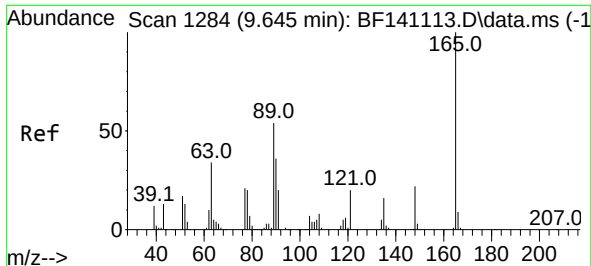
Tgt Ion: 330 Resp: 456778
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 27.7 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 89.340 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

Tgt Ion: 172 Resp: 1601542
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.3 19.0 28.6

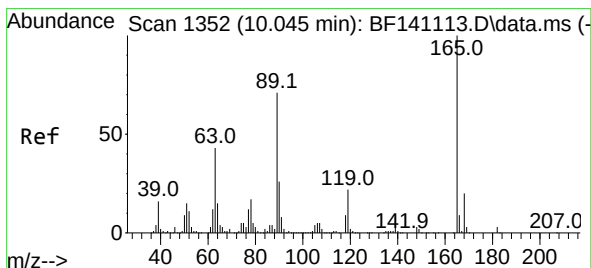
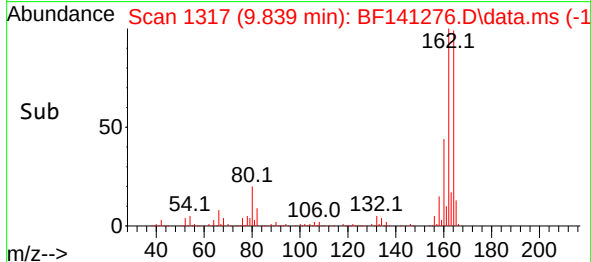
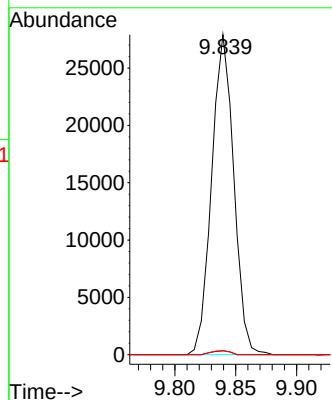
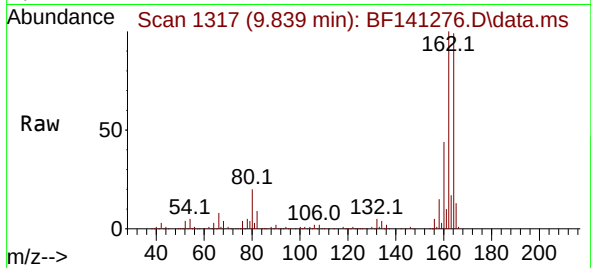




#51
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 9.839 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

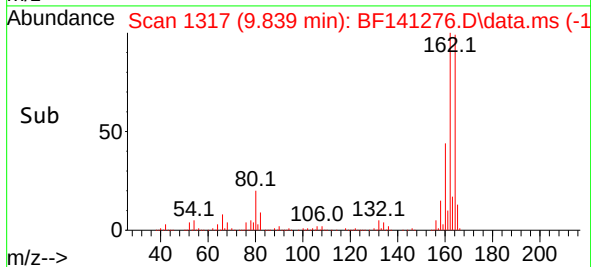
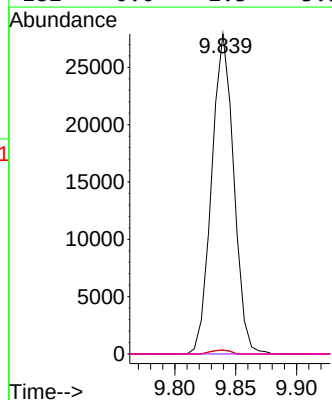
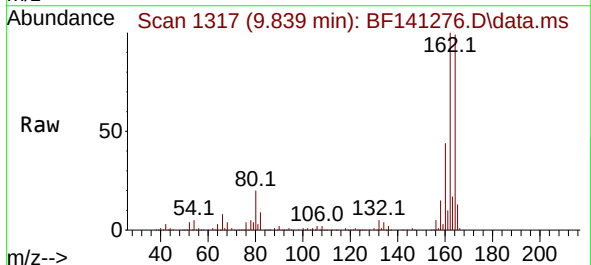
Instrument :
BNA_F
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REGULATOR-BUILDING-GRAVEL

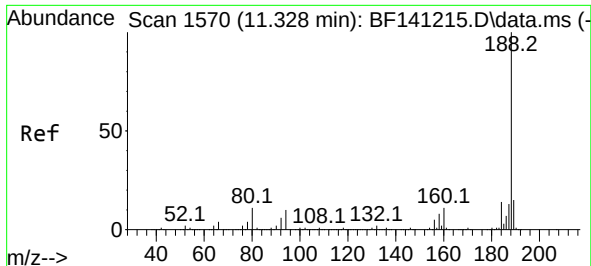
Tgt Ion:165 Resp: 35299
Ion Ratio Lower Upper
165 100
63 1.2 42.3 63.5#
89 1.2 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.409 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

Tgt Ion:165 Resp: 35299
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.2 56.7 85.1#
182 0.0 2.3 3.5#

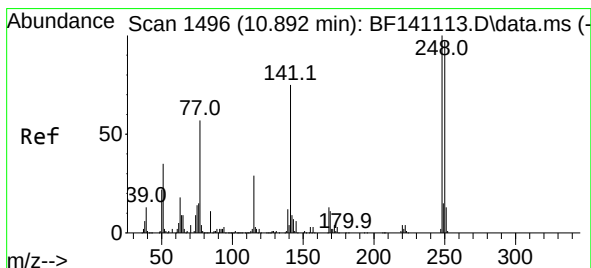
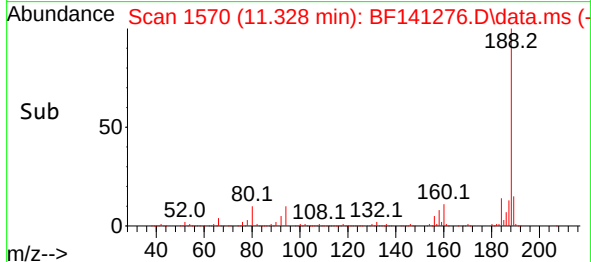
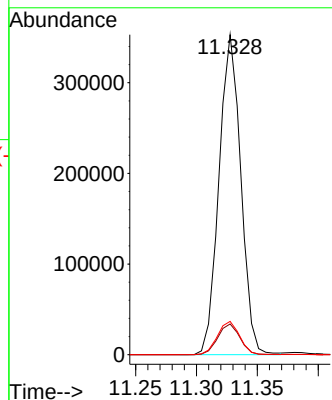
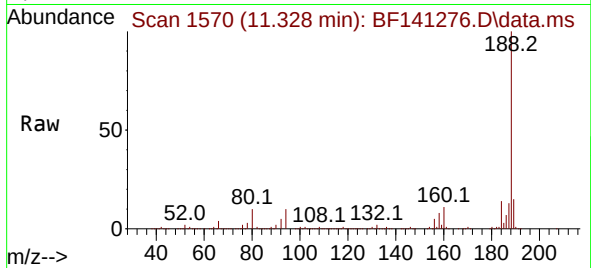




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

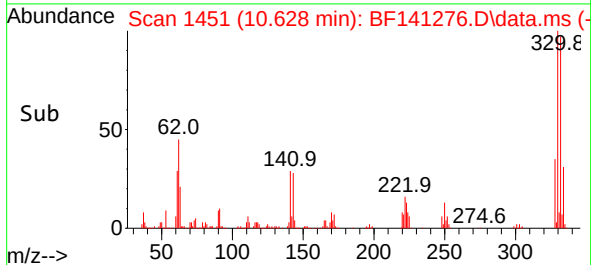
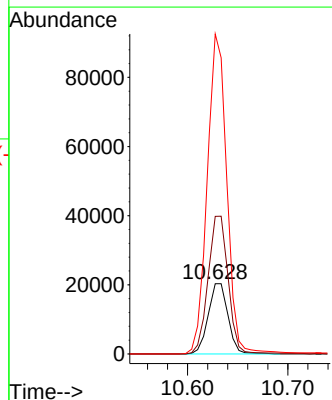
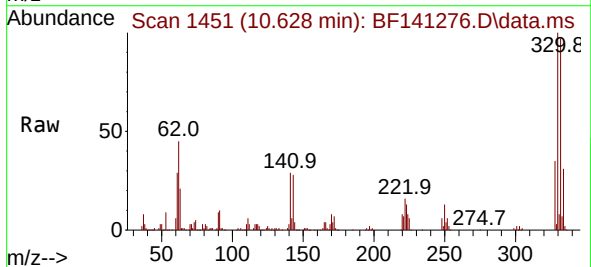
Instrument :
BNA_F
ClientSampleId :
REGULATOR-BUILDING-GRAVEL

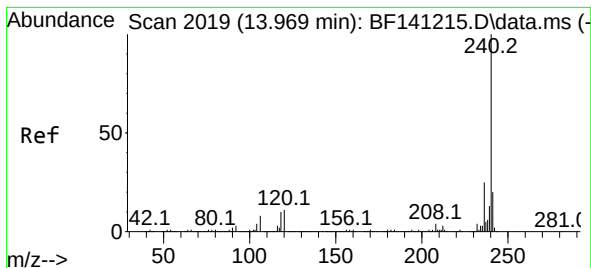
Tgt Ion:188 Resp: 440856
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.4 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.499 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.265 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

Tgt Ion:248 Resp: 27911
Ion Ratio Lower Upper
248 100
250 195.9 77.9 116.9#
141 455.9 59.9 89.9#

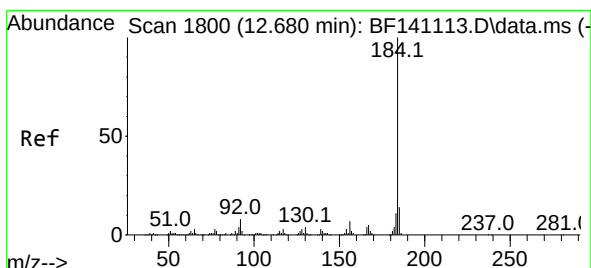
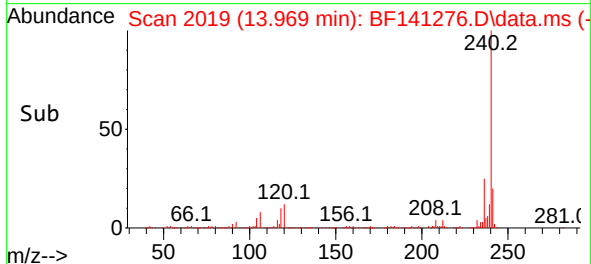
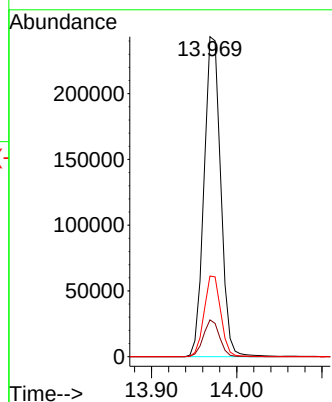
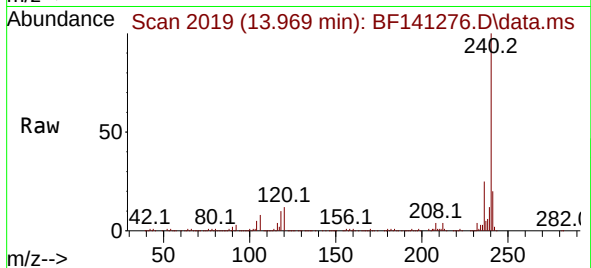




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

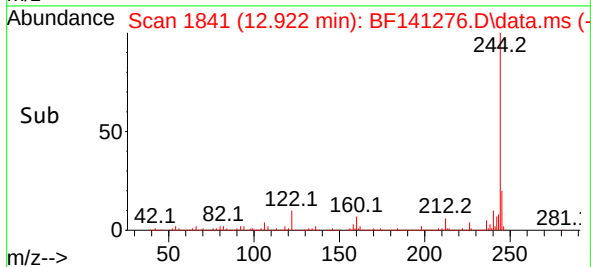
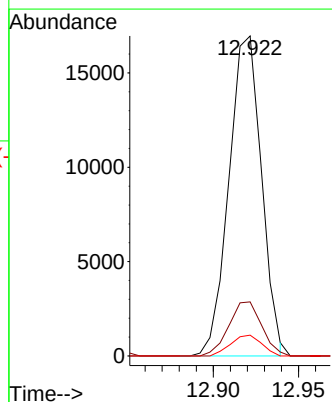
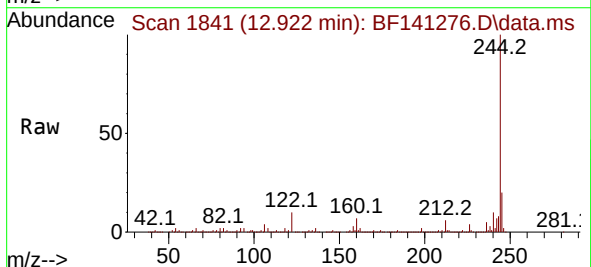
Instrument :
BNA_F
ClientSampleId :
REGULATOR-BUILDING-GRAVEL

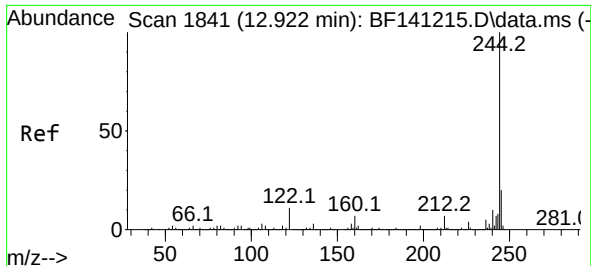
Tgt Ion:240 Resp: 330892
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 25.2 19.8 29.6



#77
Benzidine
Concen: 3.679 ng
RT: 12.922 min Scan# 1841
Delta R.T. 0.241 min
Lab File: BF141276.D
Acq: 27 Jan 2025 16:51

Tgt Ion:184 Resp: 22573
Ion Ratio Lower Upper
184 100
185 16.9 11.4 17.0
183 6.5 9.2 13.8#

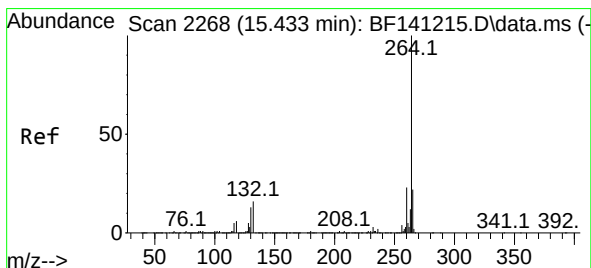
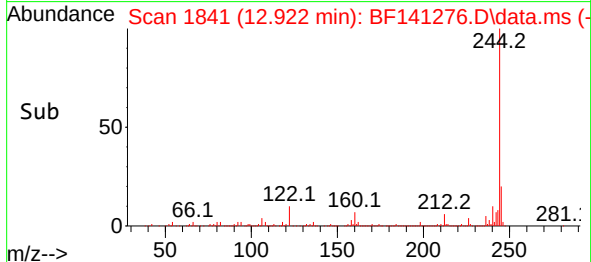
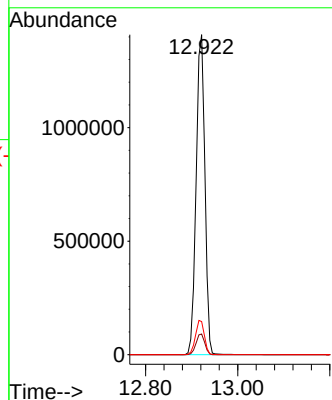
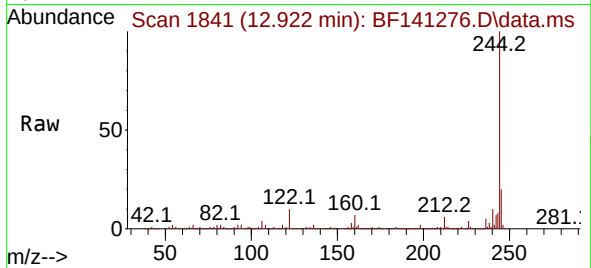




#79
 Terphenyl-d14
 Concen: 83.129 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141276.D
 Acq: 27 Jan 2025 16:51

Instrument :
 BNA_F
 ClientSampleId :
 REGULATOR-BUILDING-GRAVEL

Tgt Ion:244 Resp: 1850683
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF141276.D
 Acq: 27 Jan 2025 16:51

Tgt Ion:264 Resp: 286824
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.4 17.4 26.0

