

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141277.D
 Acq On : 27 Jan 2025 17:18
 Operator : RC/JU
 Sample : Q1169-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPILL-SITE

Quant Time: Jan 28 00:13:33 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)

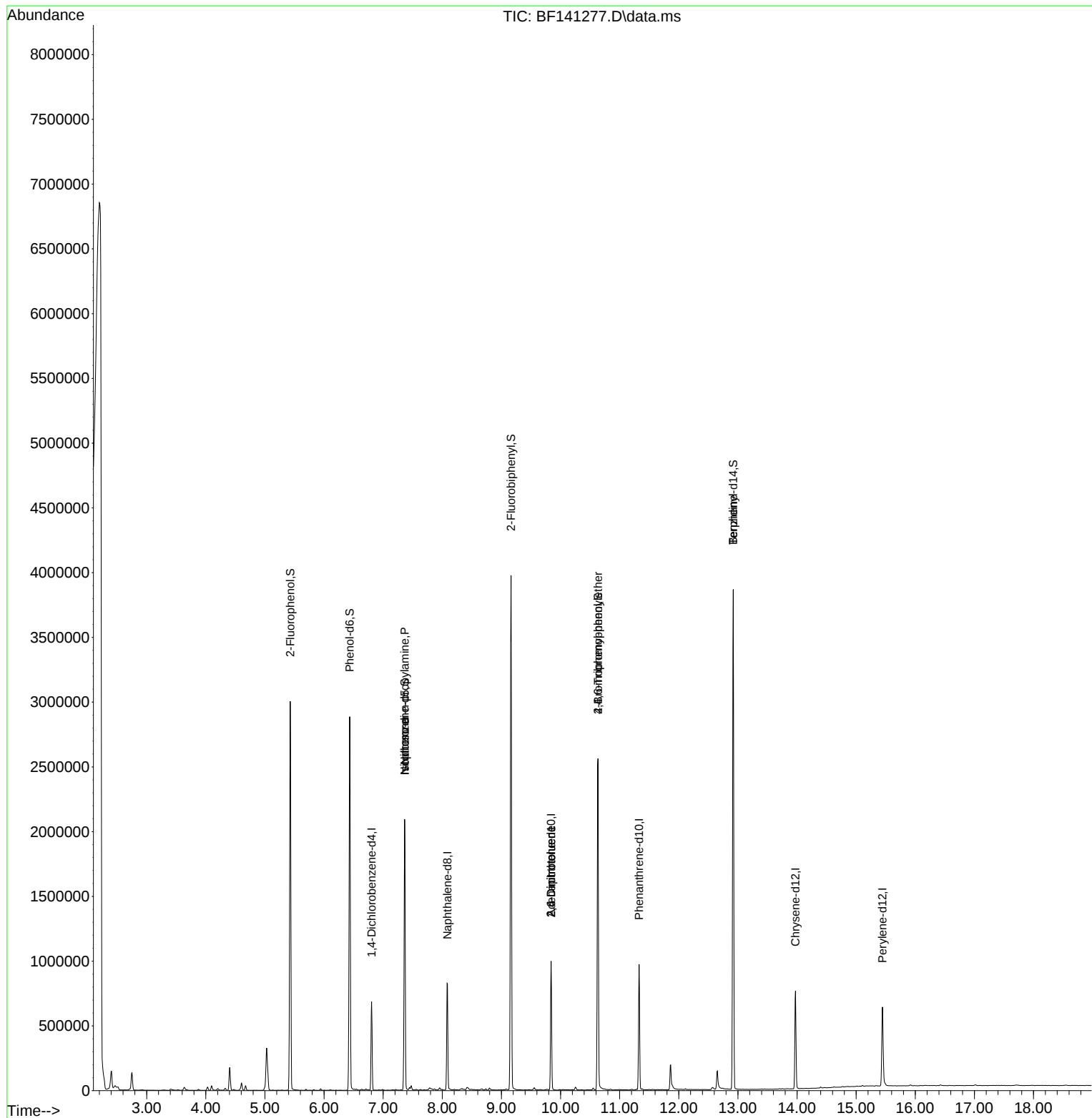
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142521	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	563428	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	298836	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	482767	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	374663	20.000	ng	-0.01
86) Perylene-d12	15.445	264	376397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1199654	130.032	ng	0.00
7) Phenol-d6	6.434	99	1456954	124.670	ng	-0.01
23) Nitrobenzene-d5	7.363	82	978199	92.031	ng	-0.02
42) 2,4,6-Tribromophenol	10.634	330	522050	153.317	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1865456	95.324	ng	-0.02
79) Terphenyl-d14	12.922	244	1948621	77.303	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	132116	19.191	ng	# 75
25) Isophorone	7.363	82	970274	53.416	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	39953	8.564	ng	# 27
57) 2,4-Dinitrotoluene	9.839	165	39953	6.645	ng	# 24
67) 4-Bromophenyl-phenylether	10.634	248	31650	5.694	ng	# 1
77) Benzidine	12.922	184	24167	3.478	ng	# 92

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

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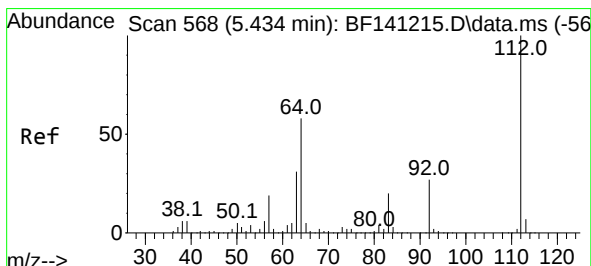
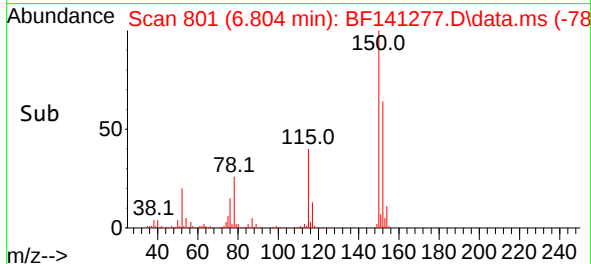
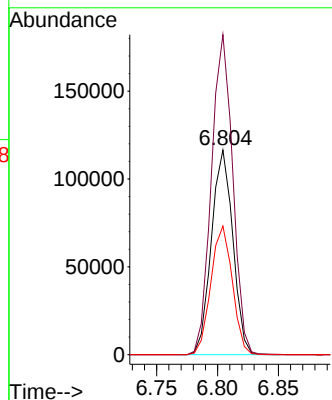
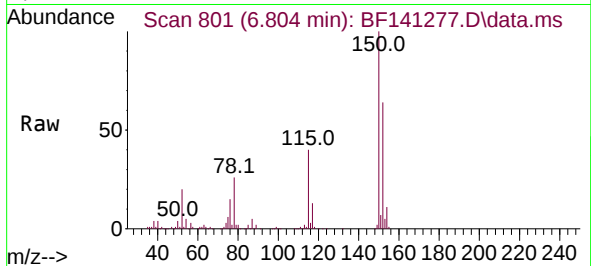




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

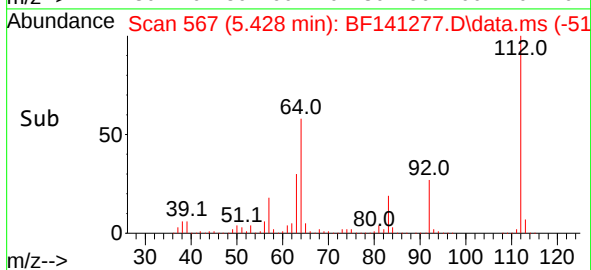
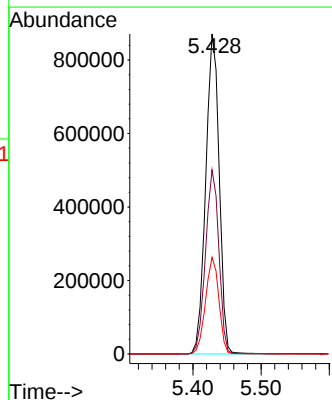
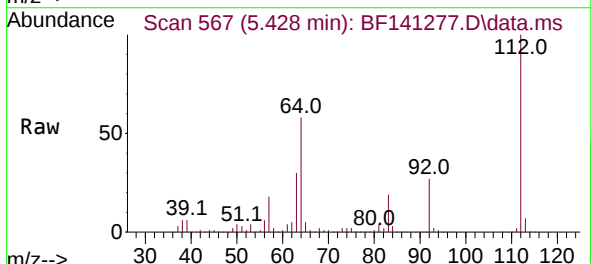
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

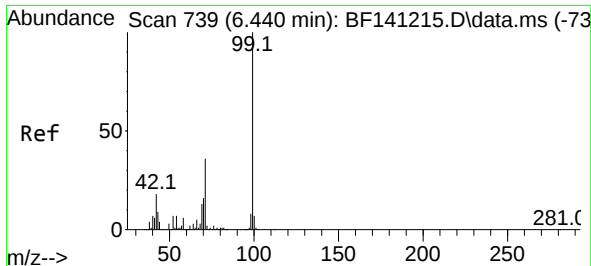
Tgt Ion:152 Resp: 142521
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.8
115 62.9 51.4 77.2



#5
2-Fluorophenol
Concen: 130.032 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Tgt Ion:112 Resp: 1199654
Ion Ratio Lower Upper
112 100
64 57.5 47.3 70.9
63 30.2 24.2 36.2





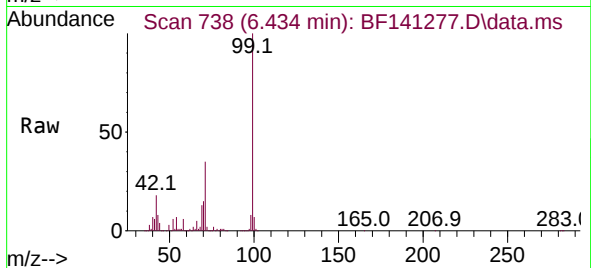
#7
Phenol-d6
Concen: 124.670 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Instrument :

BNA_F

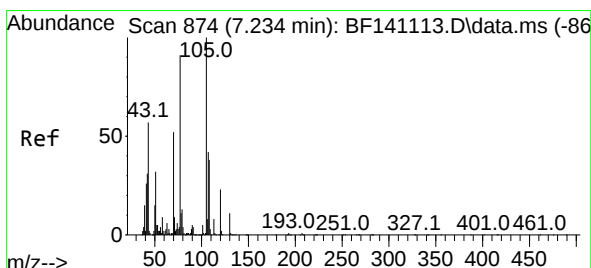
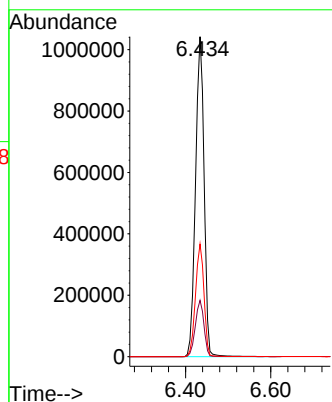
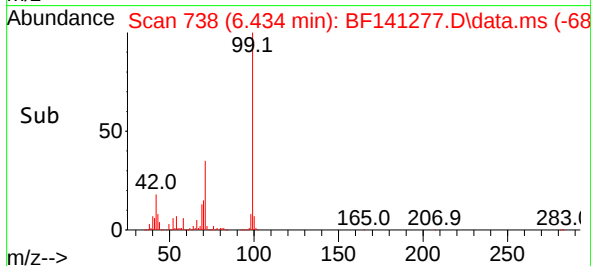
ClientSampleId :

SPILL-SITE

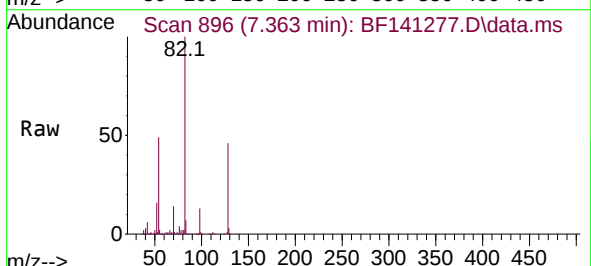


Tgt Ion: 99 Resp: 1456954

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	35.2	27.6	41.4

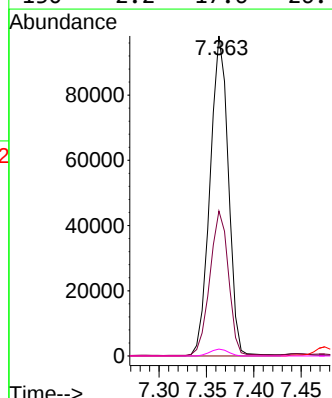
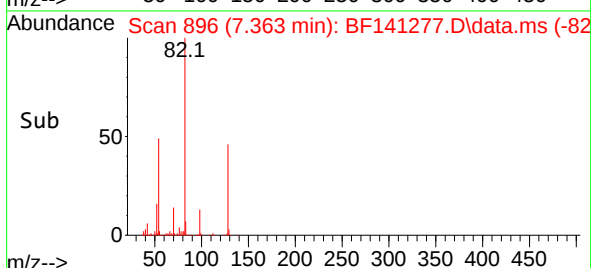


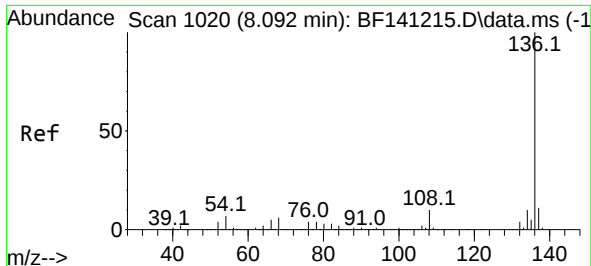
#19
n-Nitroso-di-n-propylamine
Concen: 19.191 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.129 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18



Tgt Ion: 70 Resp: 132116

Ion	Ratio	Lower	Upper
70	100		
42	45.3	47.8	71.6#
101	0.0	7.9	11.9#
130	2.2	17.6	26.4#



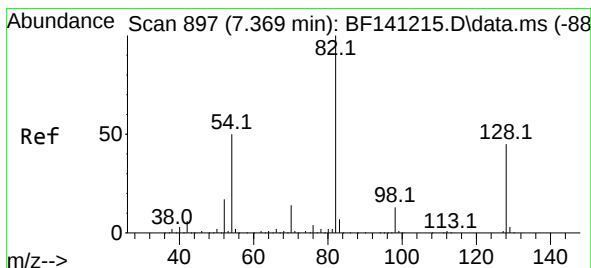
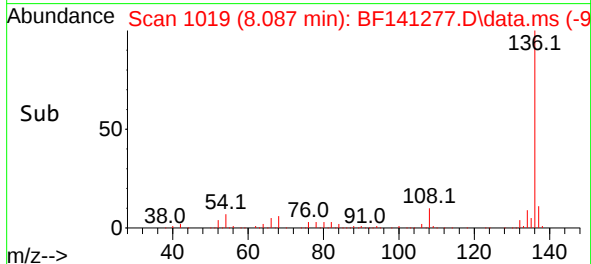
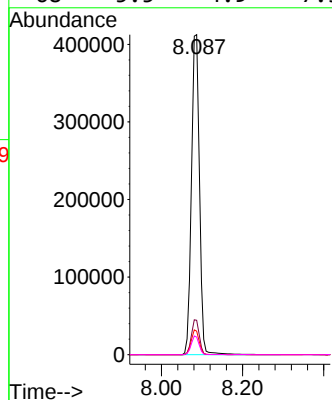
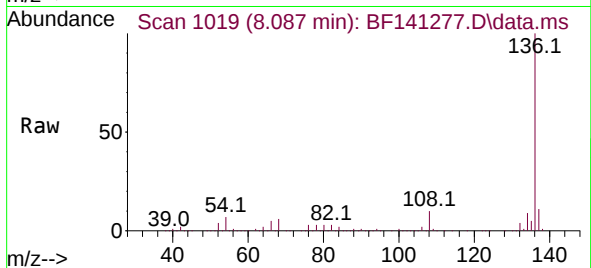


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

Tgt Ion:136 Resp: 563428

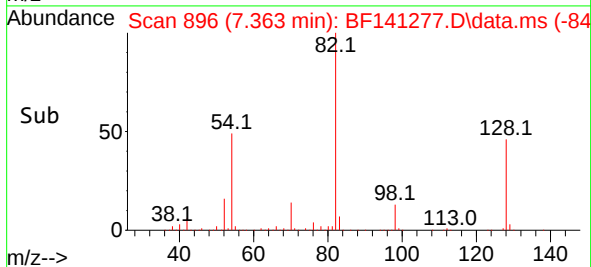
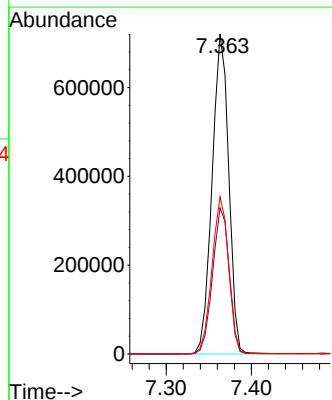
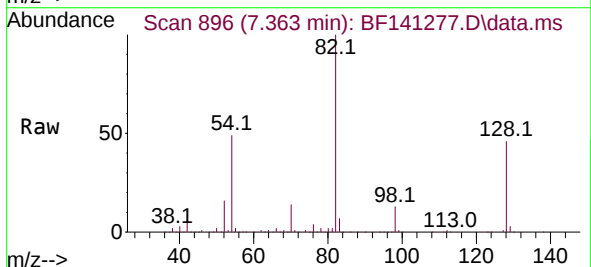
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	6.3	9.5
68	5.5	4.9	7.3

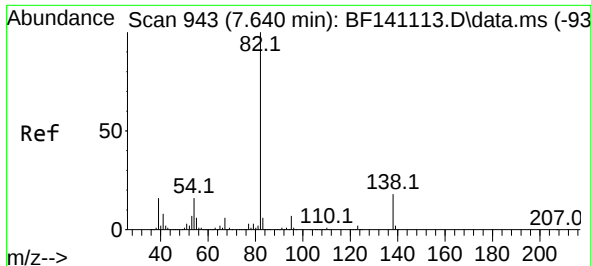


#23
Nitrobenzene-d5
Concen: 92.031 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.023 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Tgt Ion: 82 Resp: 978199

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	49.1	41.0	61.4

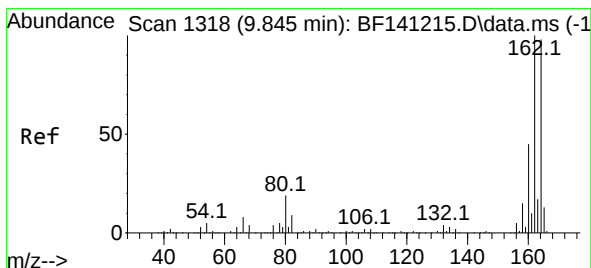
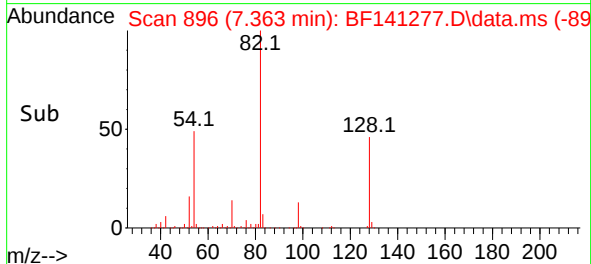
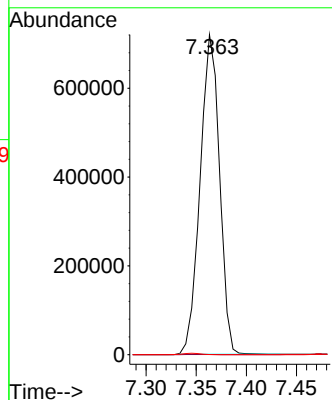
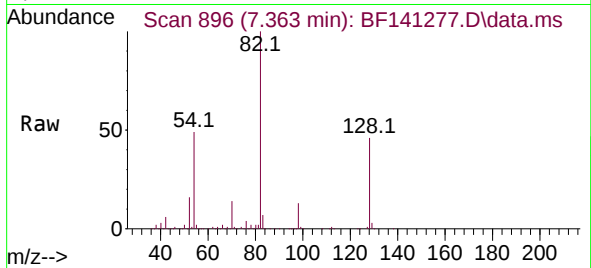




#25
Isophorone
Concen: 53.416 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.276 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

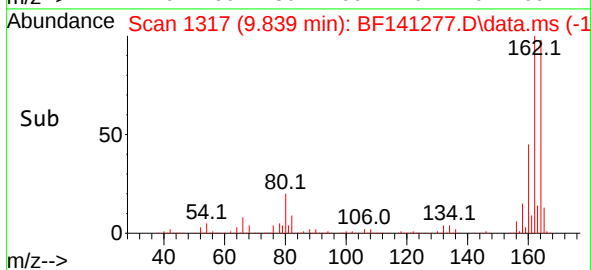
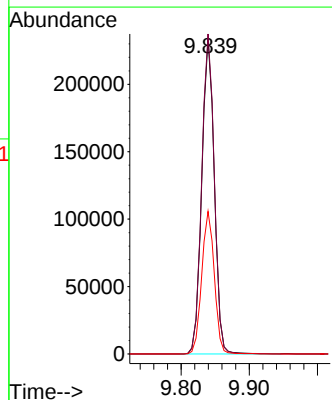
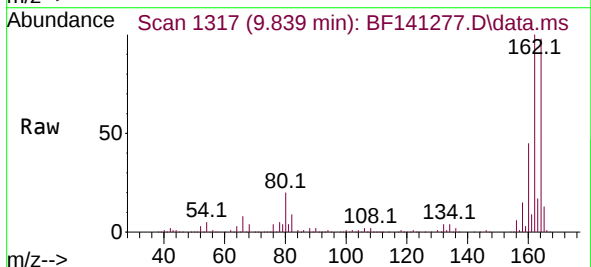
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

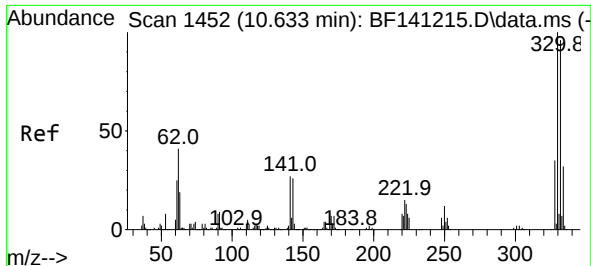
Tgt Ion: 82 Resp: 970274
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.1 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.023 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Tgt Ion:164 Resp: 298836
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 45.3 36.1 54.1

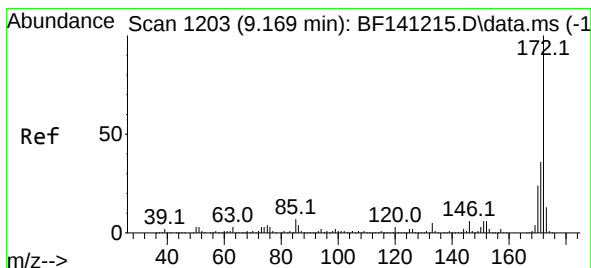
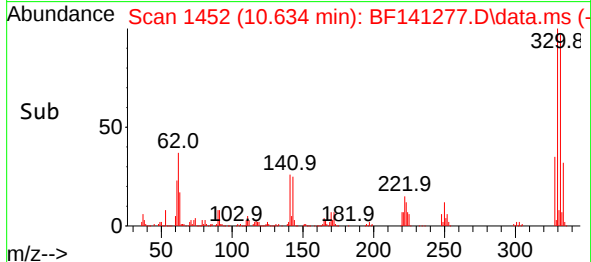
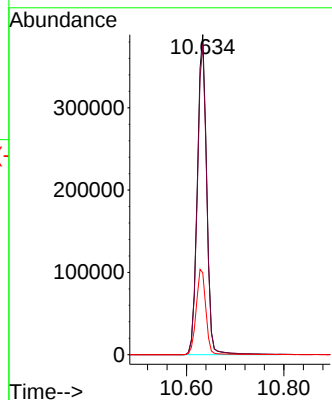
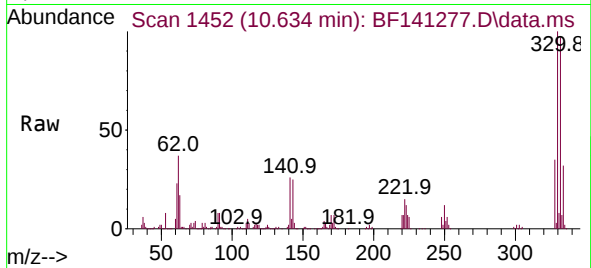




#42
2,4,6-Tribromophenol
Concen: 153.317 ng
RT: 10.634 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

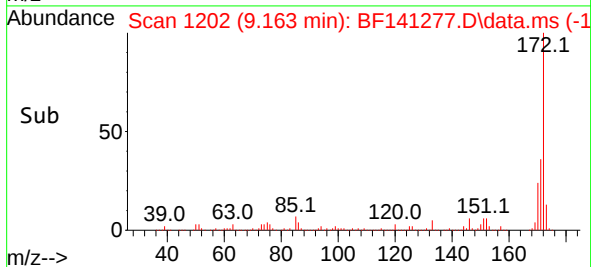
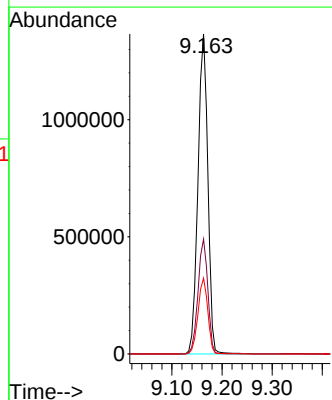
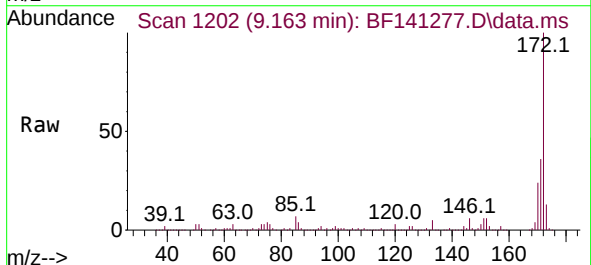
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

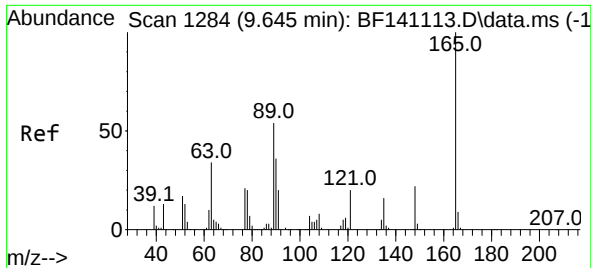
Tgt Ion:330 Resp: 522050
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 27.6 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 95.324 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Tgt Ion:172 Resp: 1865456
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.7 19.0 28.6

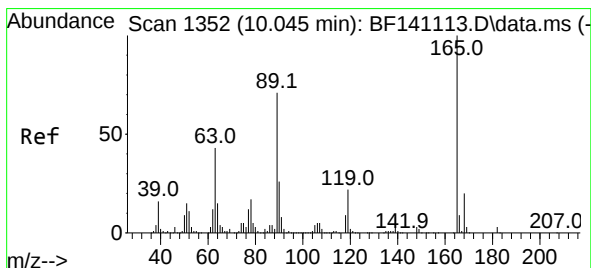
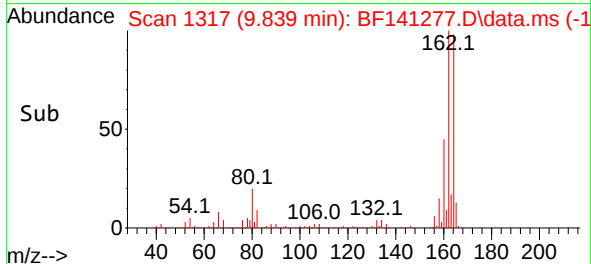
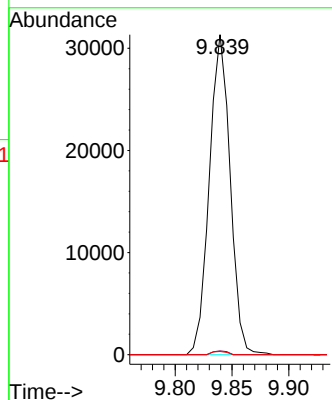
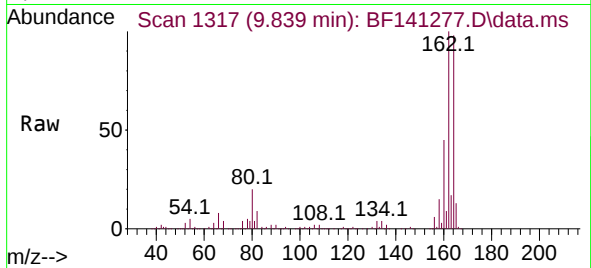




#51
2,6-Dinitrotoluene
Concen: 8.564 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

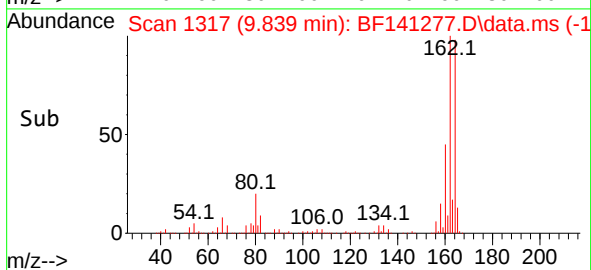
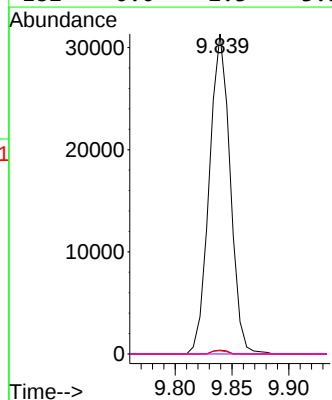
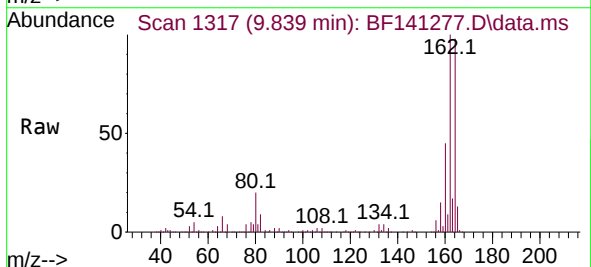
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

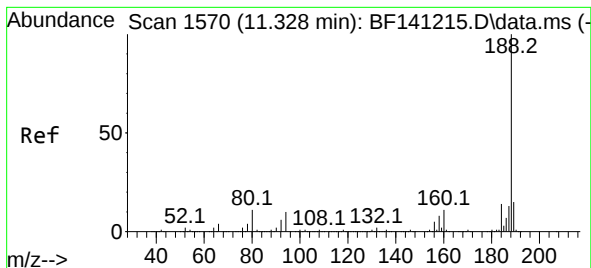
Tgt Ion:165 Resp: 39953
Ion Ratio Lower Upper
165 100
63 1.2 42.3 63.5#
89 1.0 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.645 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

Tgt Ion:165 Resp: 39953
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.0 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141277.D

Acq: 27 Jan 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SPILL-SITE

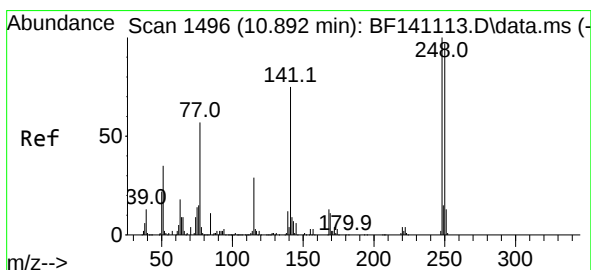
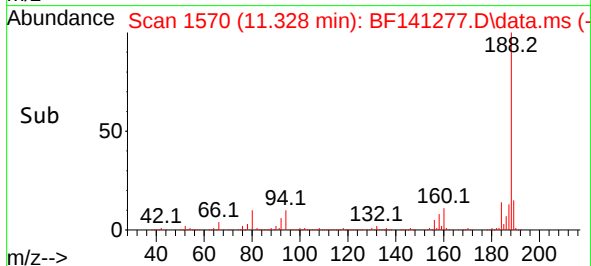
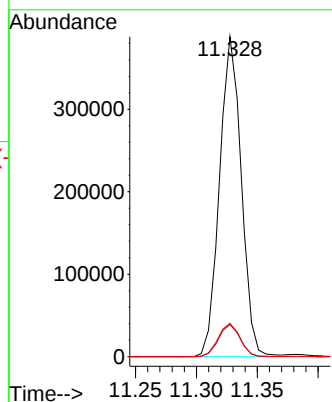
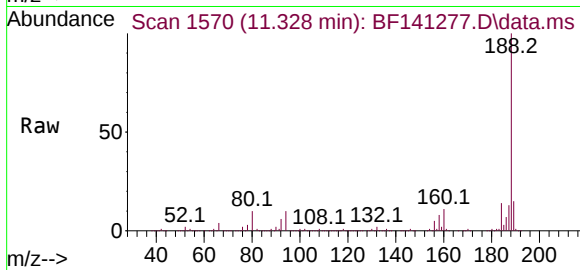
Tgt Ion:188 Resp: 482767

Ion Ratio Lower Upper

188 100

94 10.1 8.3 12.5

80 10.5 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.694 ng

RT: 10.634 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141277.D

Acq: 27 Jan 2025 17:18

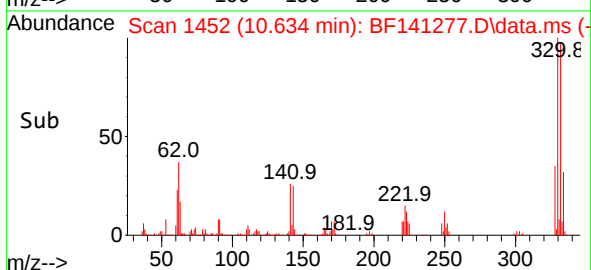
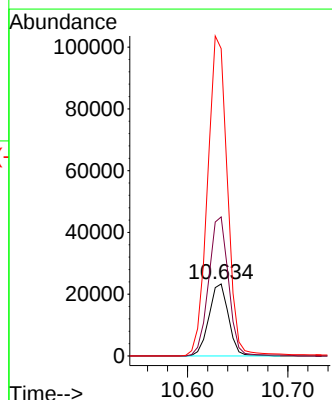
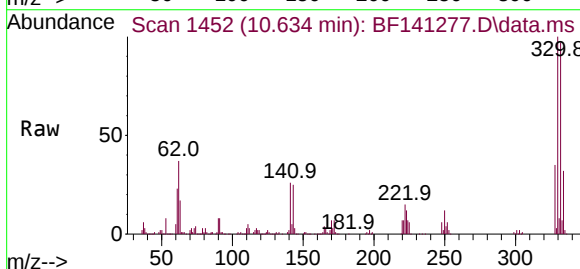
Tgt Ion:248 Resp: 31650

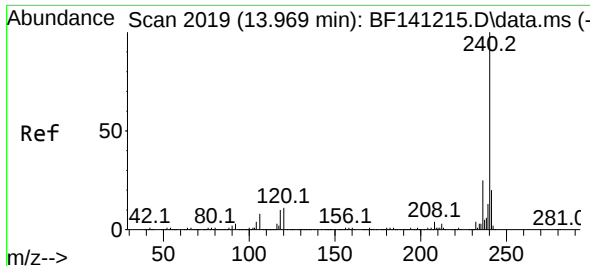
Ion Ratio Lower Upper

248 100

250 193.2 77.9 116.9#

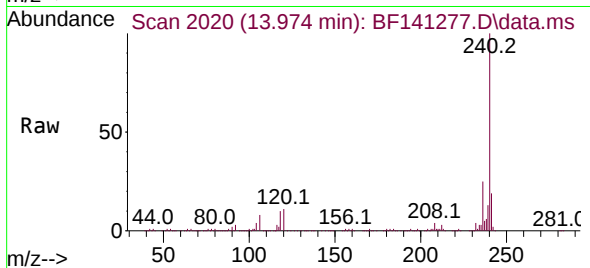
141 427.3 59.9 89.9#



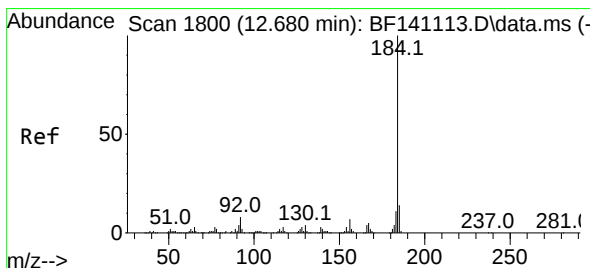
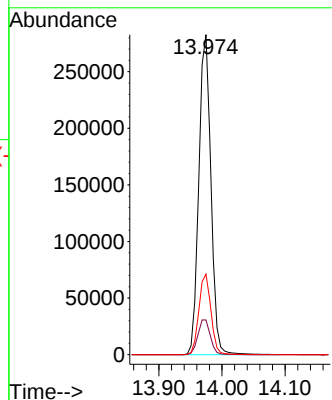
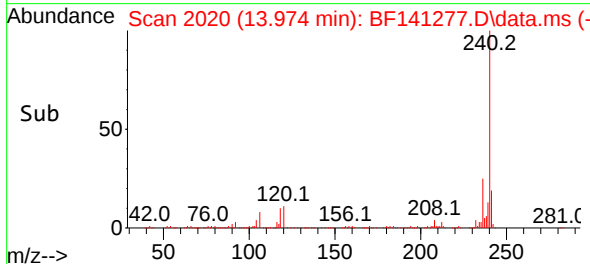


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18

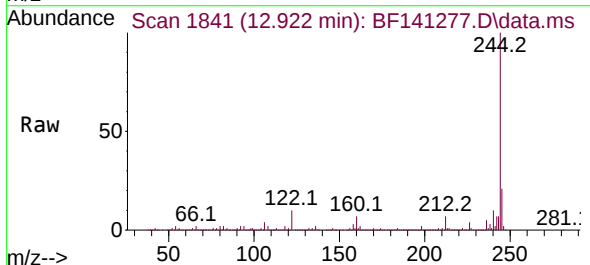
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE



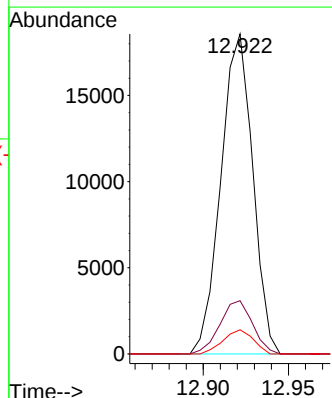
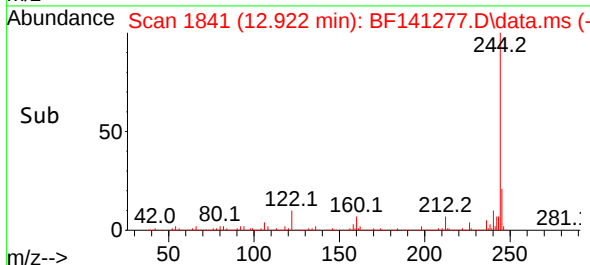
Tgt Ion:240 Resp: 374663
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.2 19.8 29.6

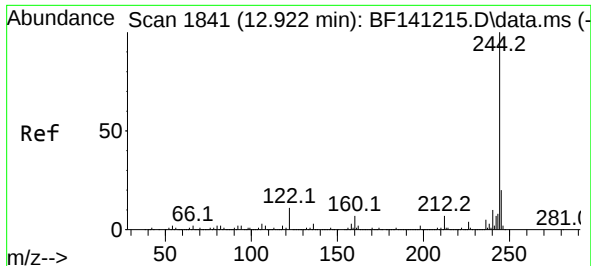


#77
Benzidine
Concen: 3.478 ng
RT: 12.922 min Scan# 1841
Delta R.T. 0.241 min
Lab File: BF141277.D
Acq: 27 Jan 2025 17:18



Tgt Ion:184 Resp: 24167
Ion Ratio Lower Upper
184 100
185 16.7 11.4 17.0
183 7.5 9.2 13.8#

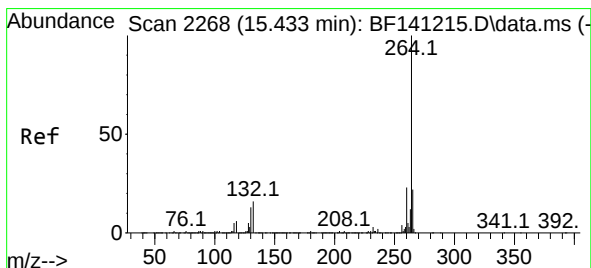
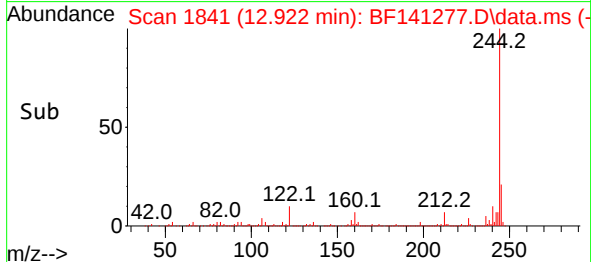
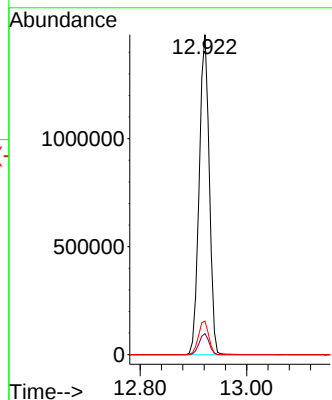
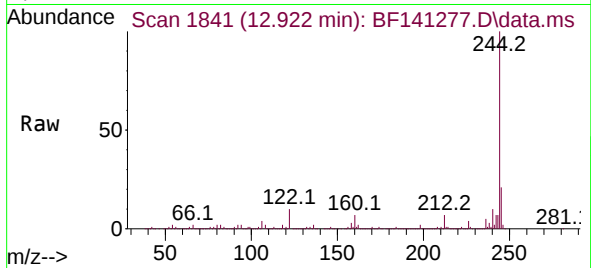




#79
 Terphenyl-d14
 Concen: 77.303 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141277.D
 Acq: 27 Jan 2025 17:18

Instrument :
 BNA_F
 ClientSampleId :
 SPILL-SITE

Tgt Ion:244 Resp: 1948621
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2270
 Delta R.T. 0.006 min
 Lab File: BF141277.D
 Acq: 27 Jan 2025 17:18

Tgt Ion:264 Resp: 376397
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.8 17.4 26.0

