

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127883.D
 Acq On : 25 Apr 2022 16:32
 Operator : CG\JU
 Sample : N2550-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PUMP-STATION-207ST-TRAIN-FACILITY

Quant Time: Apr 26 05:39:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

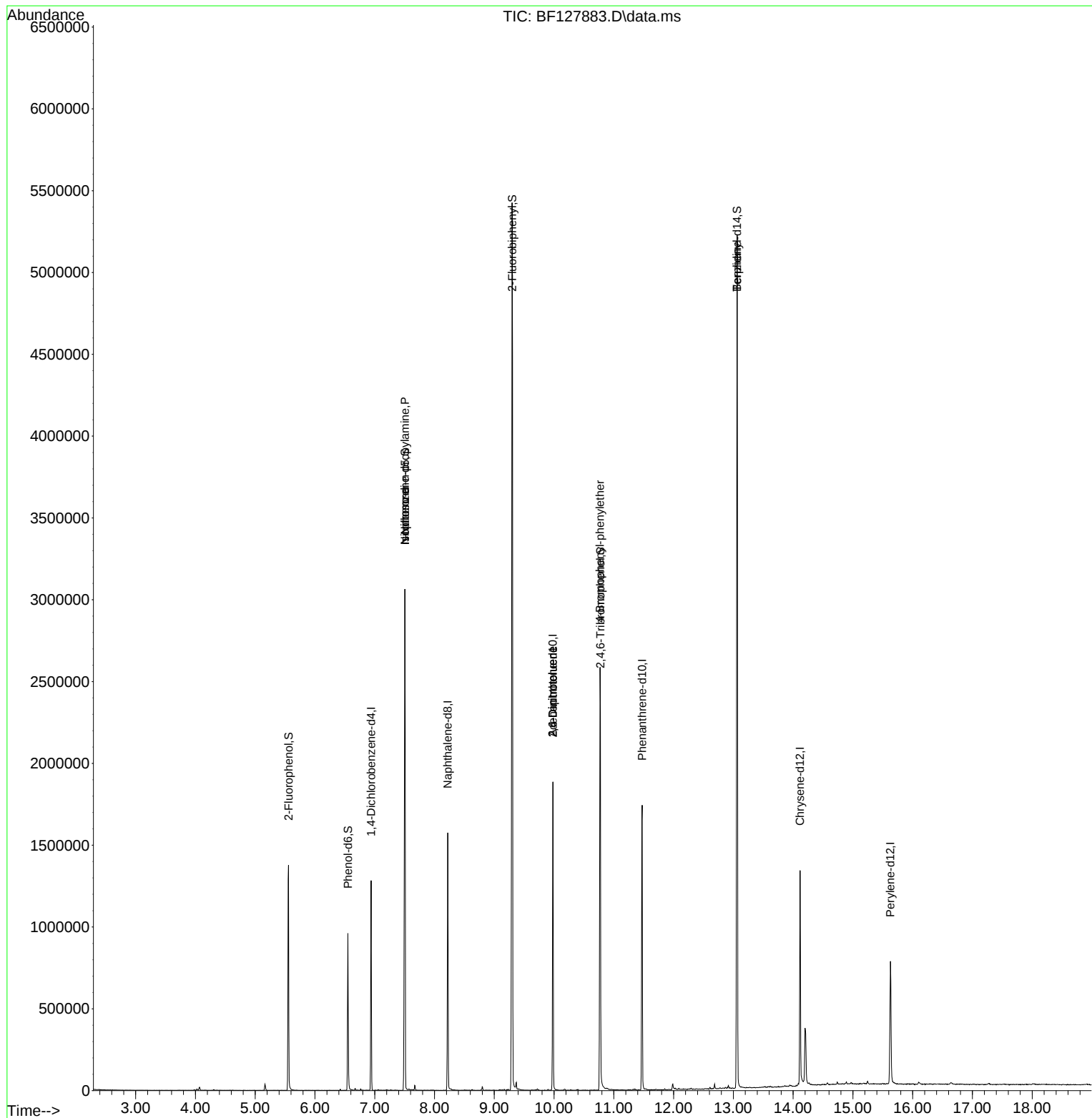
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	164434	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	646199	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	372775	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	693993	20.000	ng	0.00
76) Chrysene-d12	14.116	240	440839	20.000	ng	-0.01
86) Perylene-d12	15.627	264	357242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	369490	35.791	ng	0.00
7) Phenol-d6	6.551	99	279418	20.859	ng	-0.02
23) Nitrobenzene-d5	7.504	82	1161529	84.525	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	327569	87.291	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1859320	84.380	ng	0.00
79) Terphenyl-d14	13.063	244	2013092	83.501	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	155895	19.011	ng	# 78
25) Isophorone	7.504	82	1161520	50.220	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	48552	8.970	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	48552	6.772	ng	# 26
67) 4-Bromophenyl-phenylether	10.769	248	20582	2.675	ng	# 1
77) Benzidine	13.063	184	29403	3.525	ng	# 94

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

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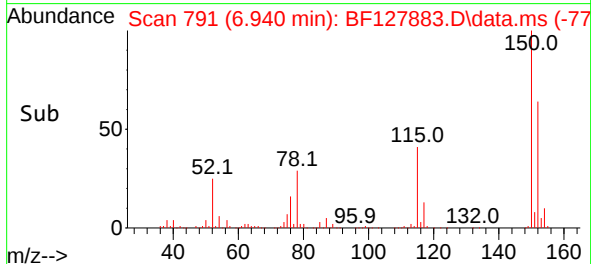
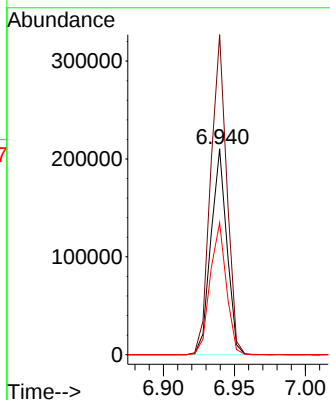
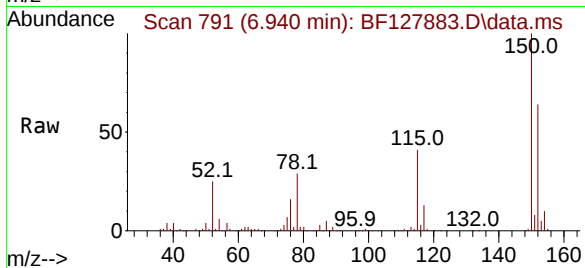




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127883.D
Acq: 25 Apr 2022 16:32

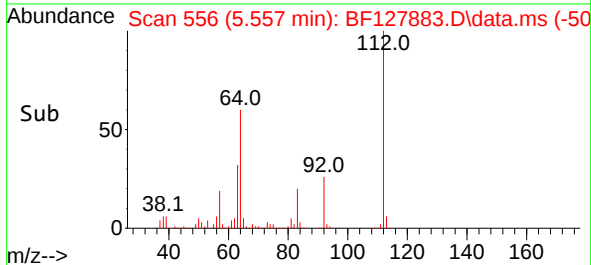
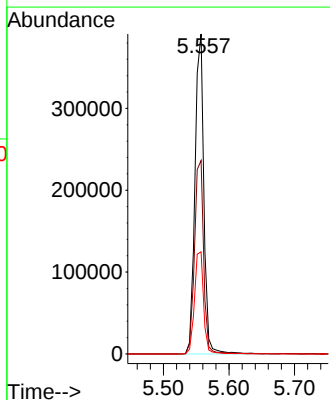
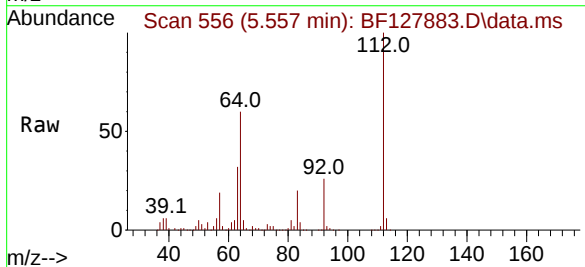
Instrument :
BNA_F
ClientSampleId :
PUMP-STATION-207ST-TRAIN-FACILITY

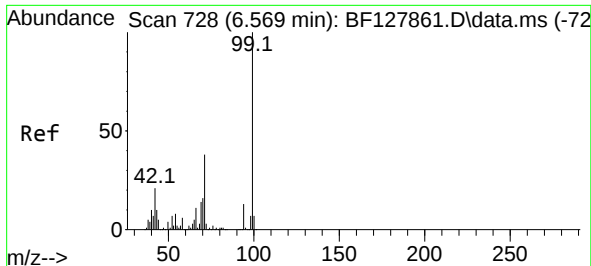
Tgt Ion:152 Resp: 164434
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 64.1 48.8 73.2



#5
2-Fluorophenol
Concen: 35.791 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF127883.D
Acq: 25 Apr 2022 16:32

Tgt Ion:112 Resp: 369490
Ion Ratio Lower Upper
112 100
64 60.4 49.5 74.3
63 31.9 26.3 39.5





#7

Phenol-d6

Concen: 20.859 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF127883.D

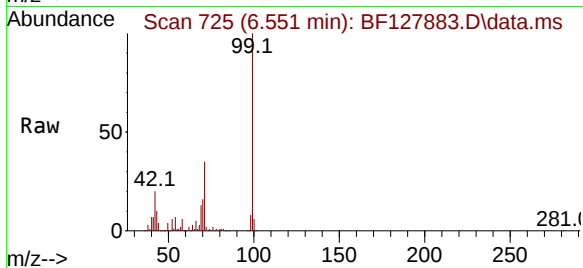
Acq: 25 Apr 2022 16:32

Instrument :

BNA_F

ClientSampleId :

PUMP-STATION-207ST-TRAIN-FACILITY



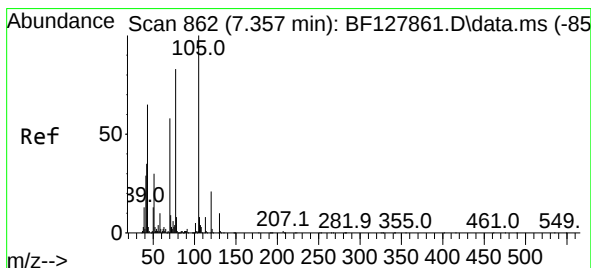
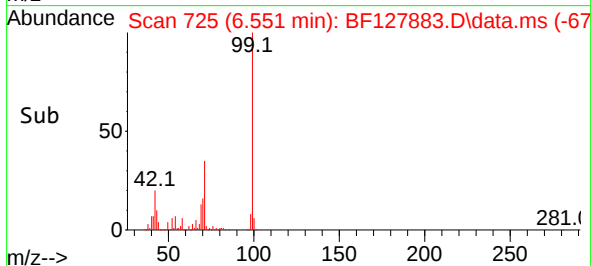
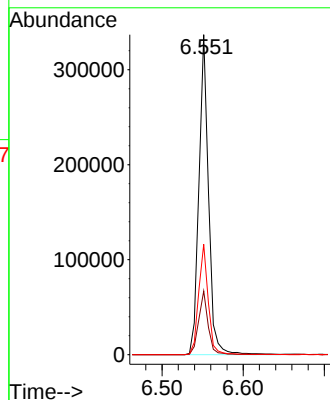
Tgt Ion: 99 Resp: 279418

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 34.5 30.0 45.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.011 ng

RT: 7.504 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF127883.D

Acq: 25 Apr 2022 16:32

Tgt Ion: 70 Resp: 155895

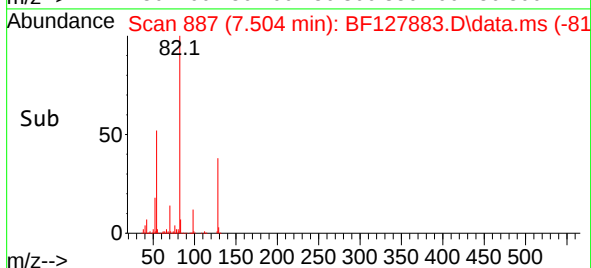
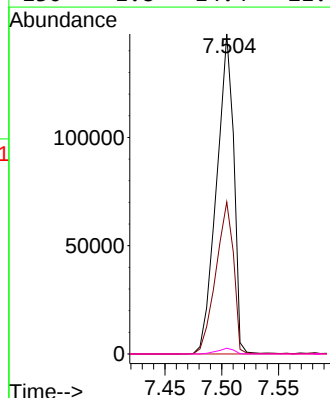
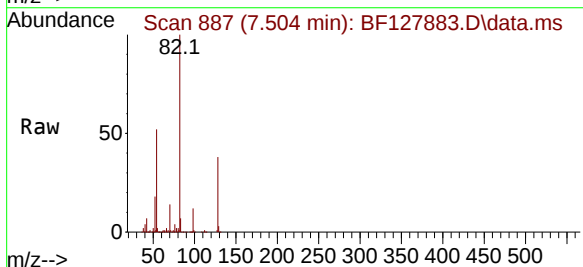
Ion Ratio Lower Upper

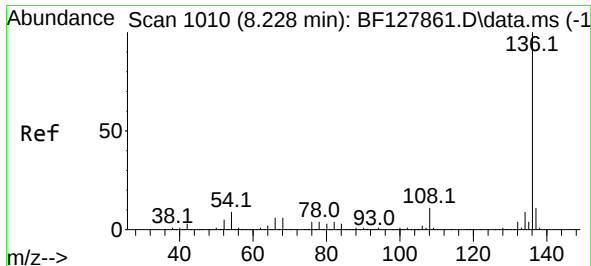
70 100

42 47.5 48.7 73.1#

101 0.0 7.2 10.8#

130 1.8 14.4 21.6#

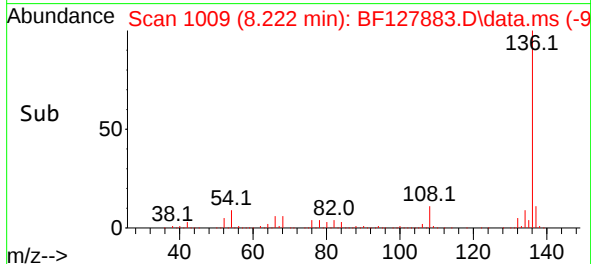
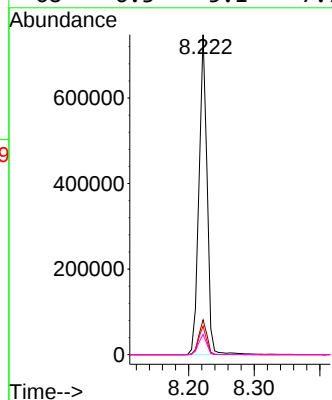
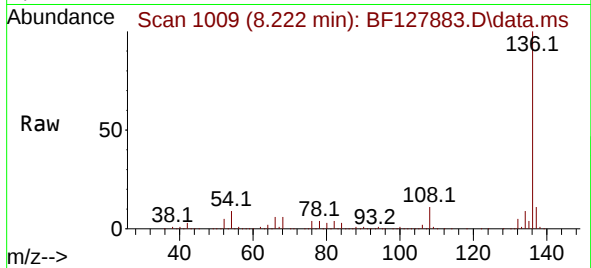




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127883.D
Acq: 25 Apr 2022 16:32

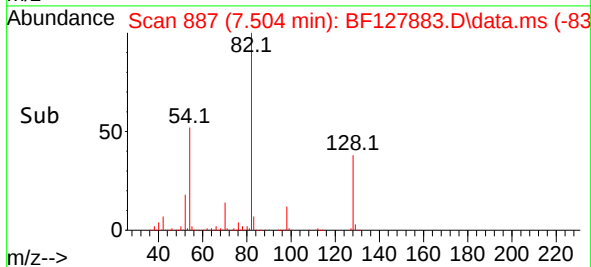
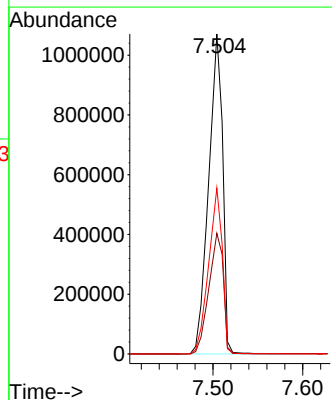
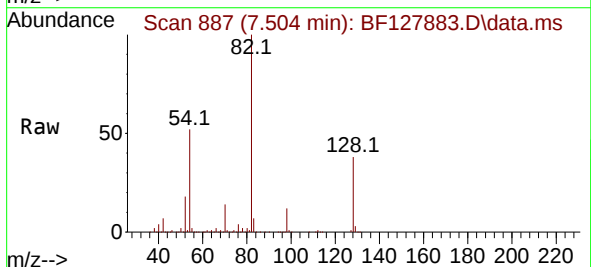
Instrument :
BNA_F
ClientSampleId :
PUMP-STATION-207ST-TRAIN-FACILITY

Tgt Ion:136	Resp: 646199
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.9	6.8 10.2
68 6.3	5.1 7.7



#23
Nitrobenzene-d5
Concen: 84.525 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127883.D
Acq: 25 Apr 2022 16:32

Tgt Ion: 82		Resp: 1161529	
Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.0	45.0
54	51.9	41.3	61.9

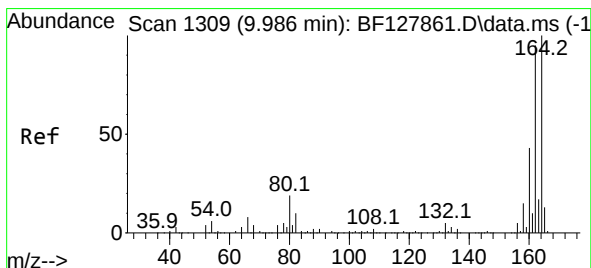
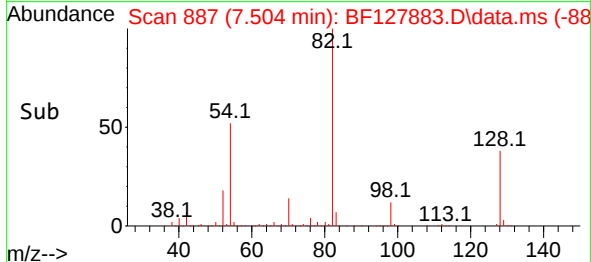
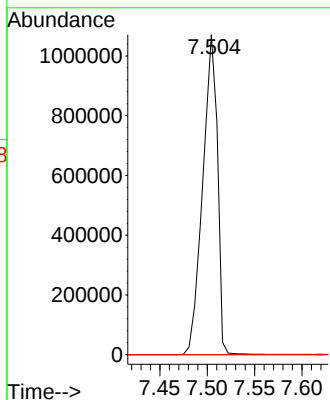
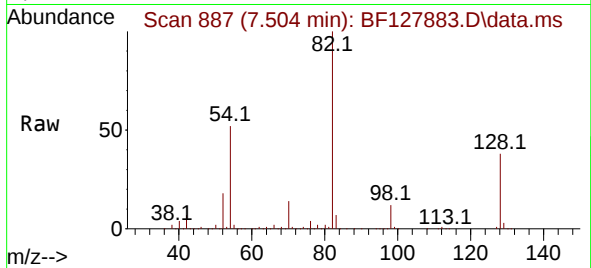




#25
Isophorone
Concen: 50.220 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127883.D
Acq: 25 Apr 2022 16:32

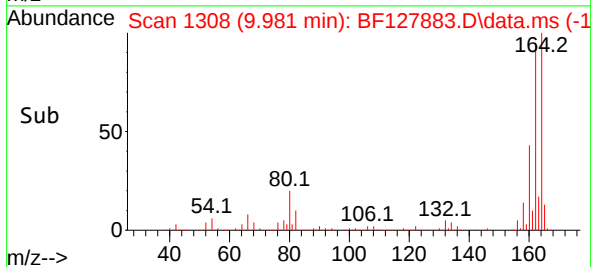
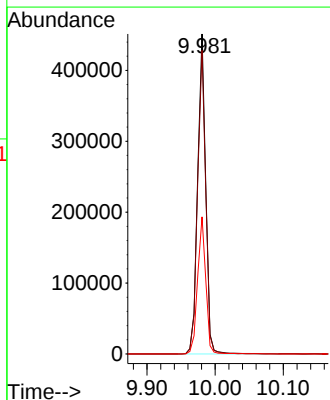
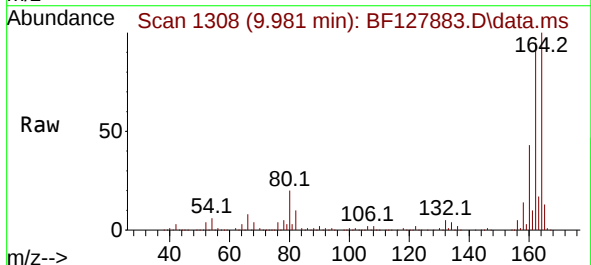
Instrument :
BNA_F
ClientSampleId :
PUMP-STATION-207ST-TRAIN-FACILITY

Tgt Ion: 82 Resp: 1161520
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127883.D
Acq: 25 Apr 2022 16:32

Tgt Ion:164 Resp: 372775
Ion Ratio Lower Upper
164 100
162 94.9 76.0 114.0
160 42.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 87.291 ng

RT: 10.775 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF127883.D

Acq: 25 Apr 2022 16:32

Instrument :

BNA_F

ClientSampleId :

PUMP-STATION-207ST-TRAIN-FACILITY

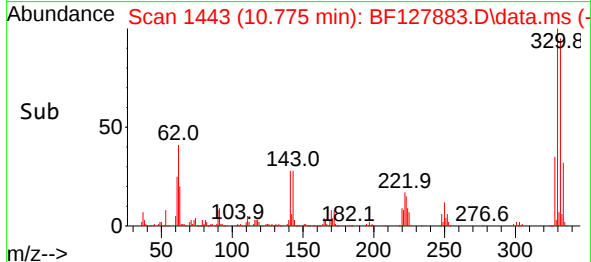
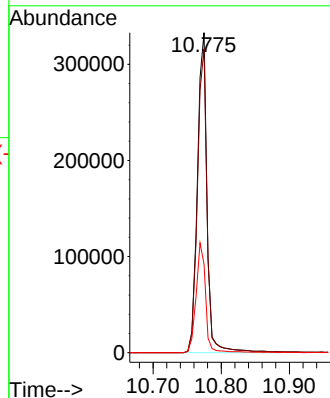
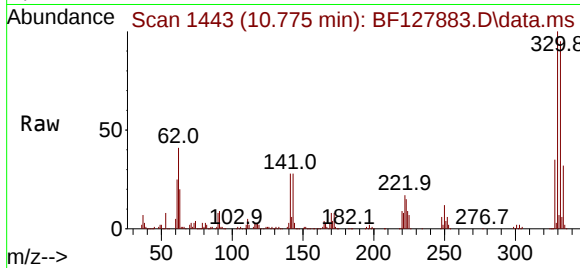
Tgt Ion:330 Resp: 327569

Ion Ratio Lower Upper

330 100

332 95.9 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 84.380 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127883.D

Acq: 25 Apr 2022 16:32

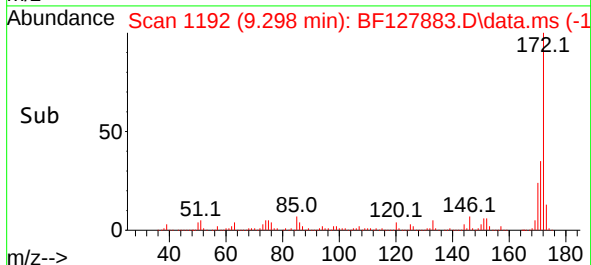
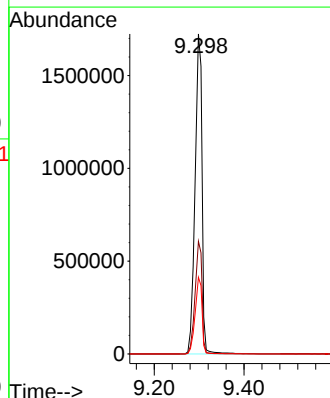
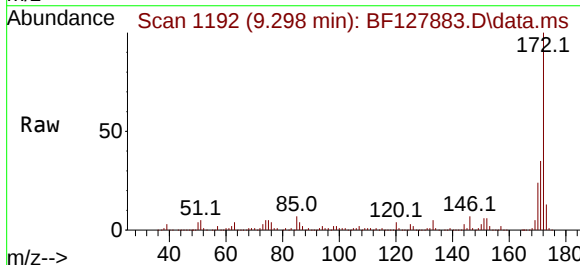
Tgt Ion:172 Resp: 1859320

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 24.0 19.1 28.7

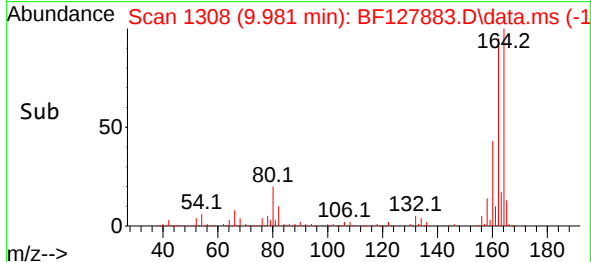
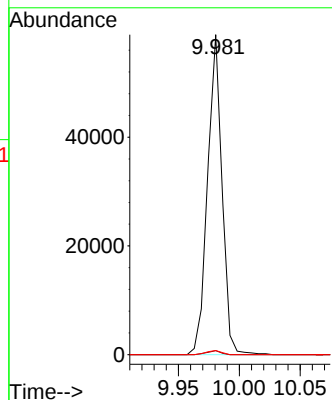
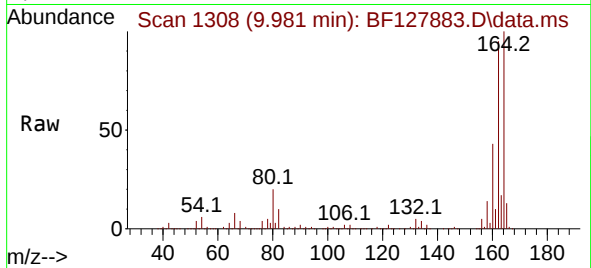




#51
2,6-Dinitrotoluene
Concen: 8.970 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127883.D
Acq: 25 Apr 2022 16:32

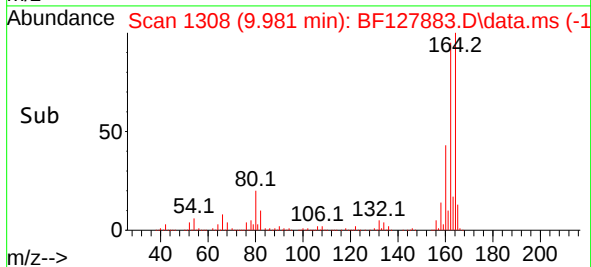
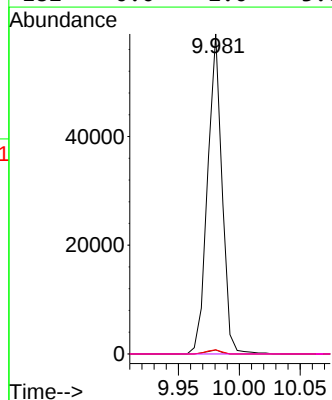
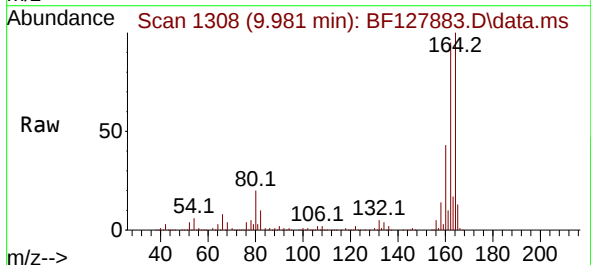
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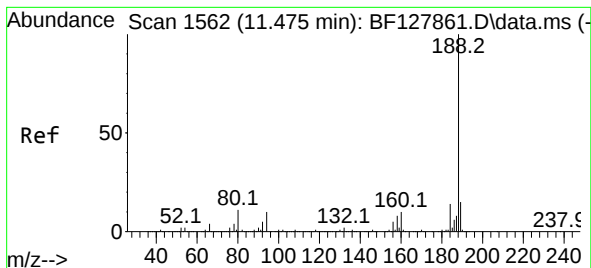
Tgt Ion:165 Resp: 48552
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127883.D
Acq: 25 Apr 2022 16:32

Tgt Ion:165 Resp: 48552
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127883.D

Acq: 25 Apr 2022 16:32

Instrument :

BNA_F

ClientSampleId :

PUMP-STATION-207ST-TRAIN-FACILITY

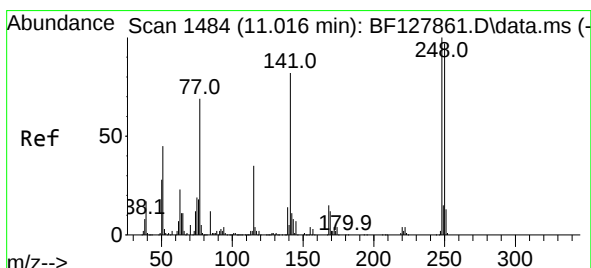
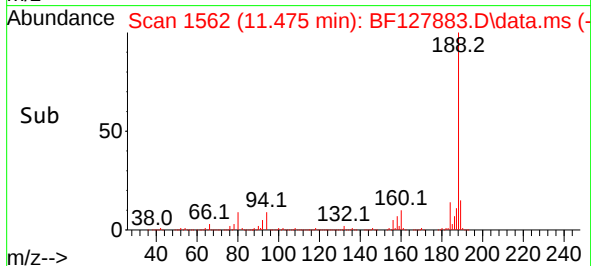
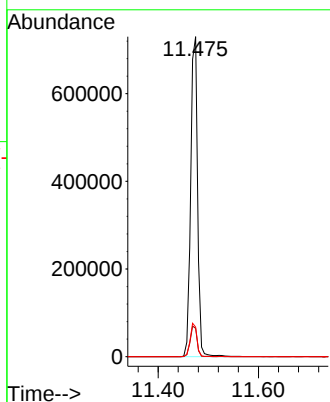
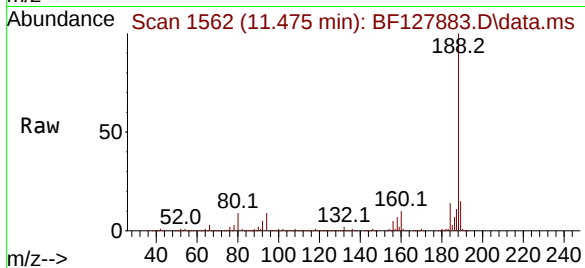
Tgt Ion:188 Resp: 693993

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

80 9.3 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 2.675 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF127883.D

Acq: 25 Apr 2022 16:32

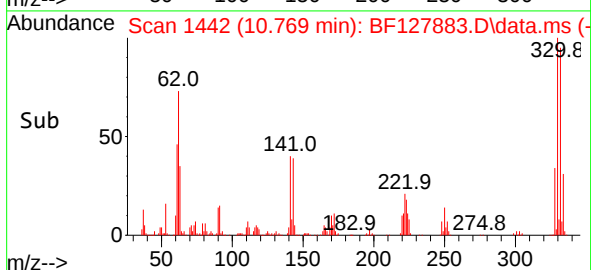
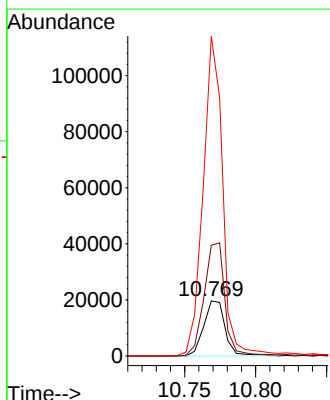
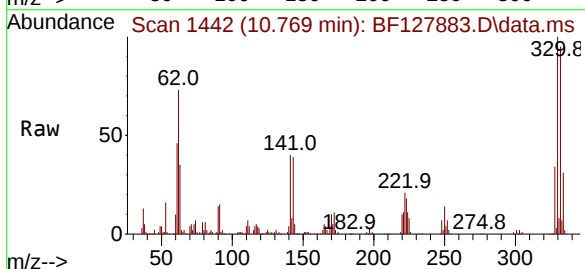
Tgt Ion:248 Resp: 20582

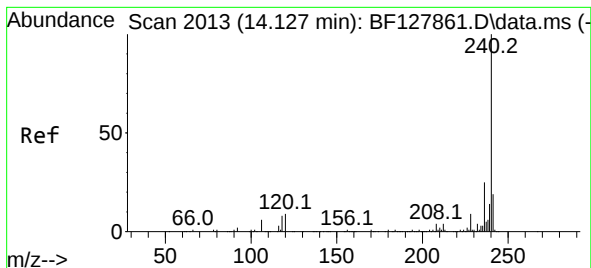
Ion Ratio Lower Upper

248 100

250 201.1 77.7 116.5#

141 580.9 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127883.D

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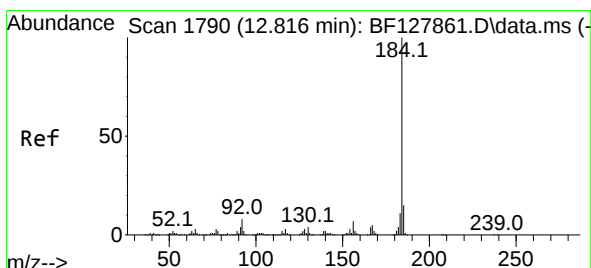
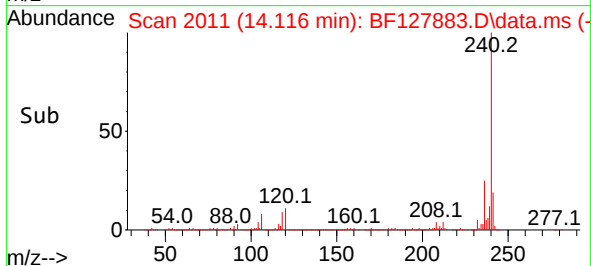
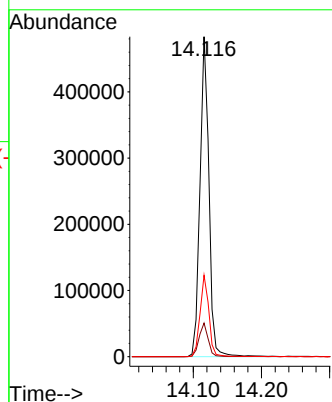
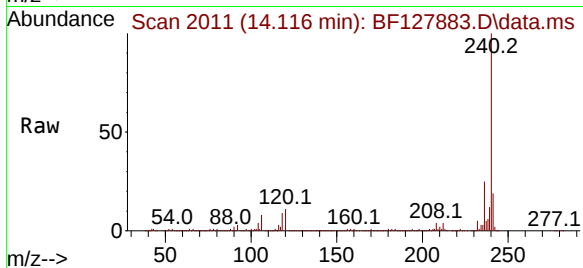
Tgt Ion:240 Resp: 440839

Ion Ratio Lower Upper

240 100

120 10.5 7.0 10.6

236 25.5 20.3 30.5



#77

Benzidine

Concen: 3.525 ng

RT: 13.063 min Scan# 1832

Delta R.T. 0.247 min

Lab File: BF127883.D

Acq: 25 Apr 2022 16:32

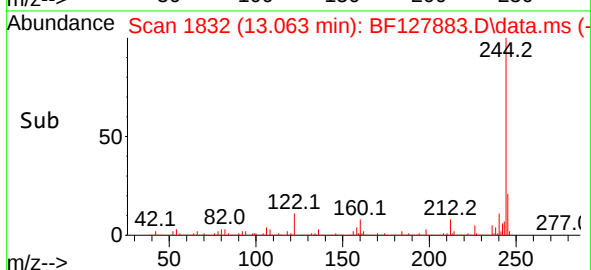
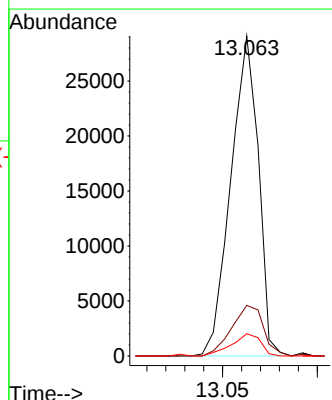
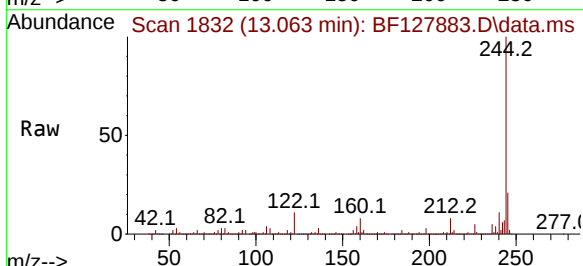
Tgt Ion:184 Resp: 29403

Ion Ratio Lower Upper

184 100

185 15.8 12.1 18.1

183 6.9 9.0 13.4#

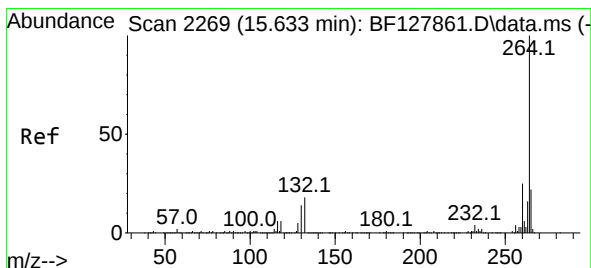
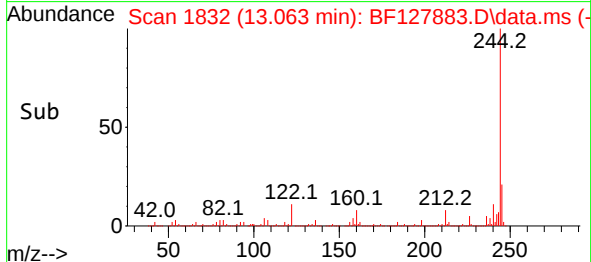
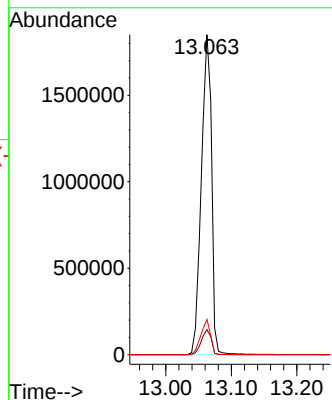
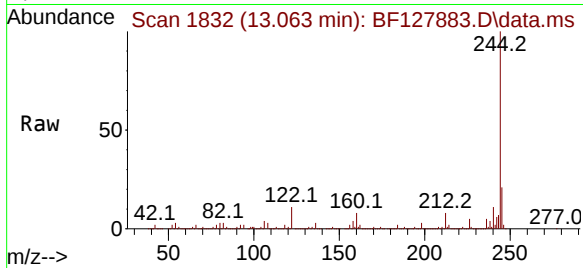




#79
 Terphenyl-d14
 Concen: 83.501 ng
 RT: 13.063 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF127883.D
 Acq: 25 Apr 2022 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PUMP-STATION-207ST-TRAIN-FACILITY

Tgt Ion:244 Resp: 2013092
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 11.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF127883.D
 Acq: 25 Apr 2022 16:32

Tgt Ion:264 Resp: 357242
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.1 30.1
 265 22.4 17.5 26.3

