

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126725.D
 Acq On : 28 Jan 2022 19:19
 Operator : CG/JU
 Sample : N1287-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTER

Quant Time: Jan 29 02:29:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

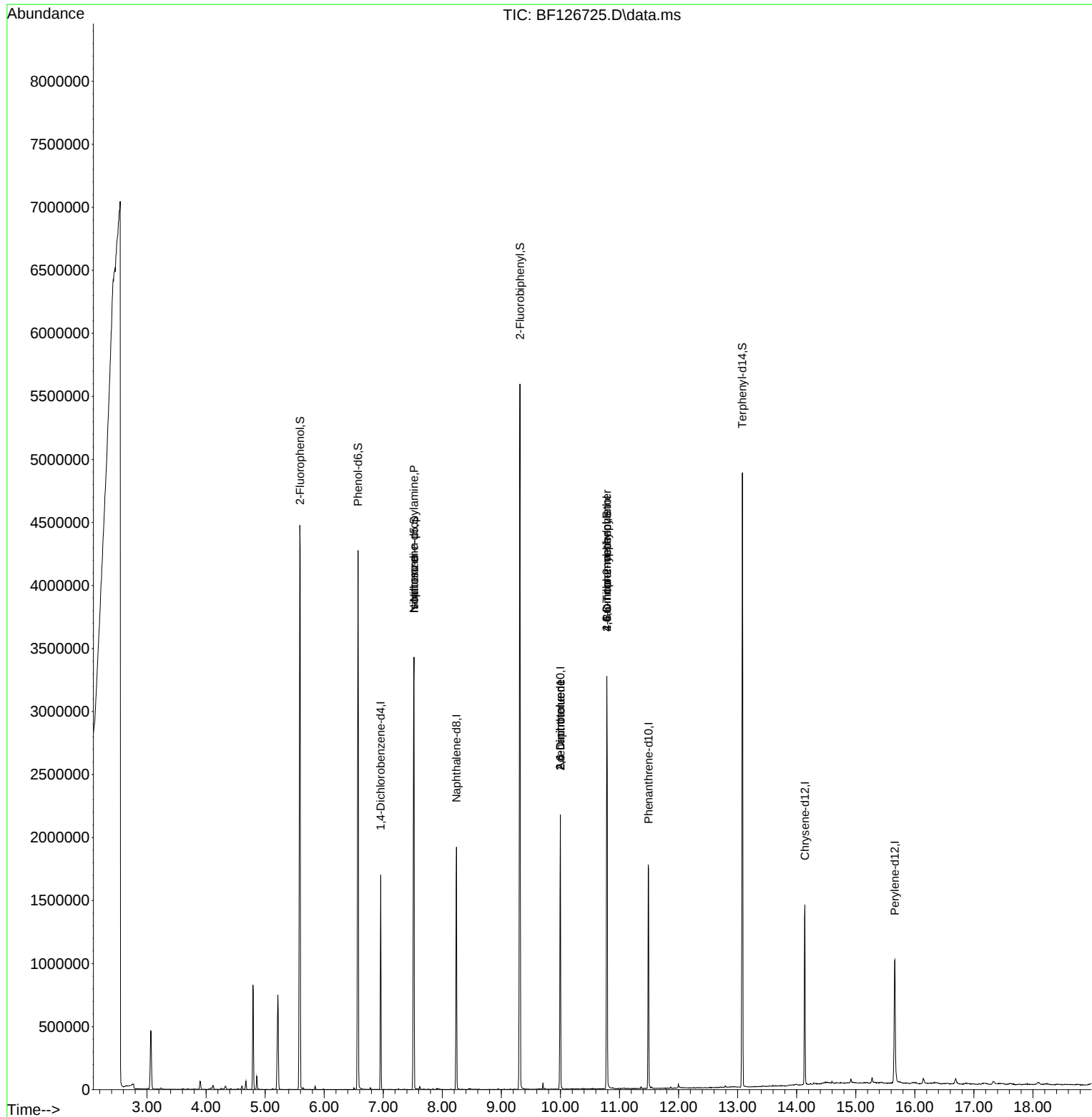
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	209449	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	787020	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	405732	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	623034	20.000	ng	0.00
76) Chrysene-d12	14.139	240	482088	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	454893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1390068	87.333	ng	0.02
7) Phenol-d6	6.575	99	1687839	76.323	ng	0.00
23) Nitrobenzene-d5	7.522	82	1440964	71.664	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	386051	101.672	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1752114	66.136	ng	0.00
79) Terphenyl-d14	13.080	244	1688223	58.736	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	638	Below Cal		Qvalue 95
19) n-Nitroso-di-n-propyla...	7.522	70	189020	11.711	ng	# 68
25) Isophorone	7.522	82	1434734	36.793	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	52220	10.502	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	52220	8.666	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	808	7.601	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	23843	3.321	ng	# 1

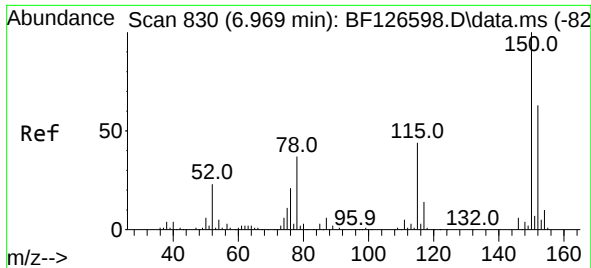
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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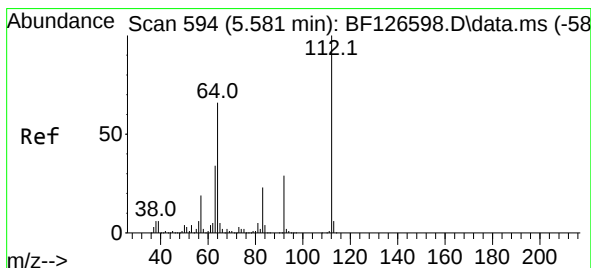
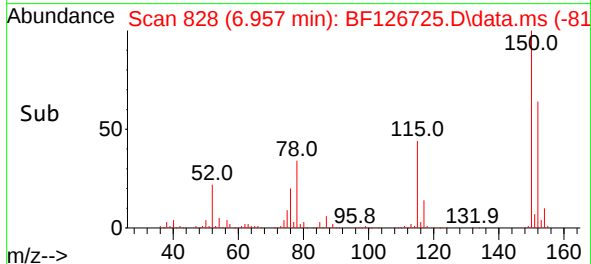
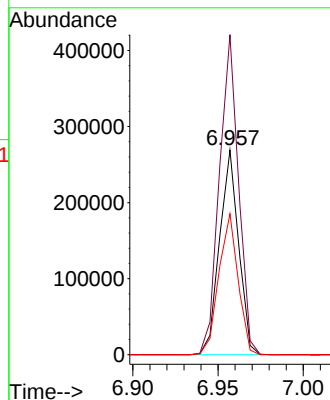
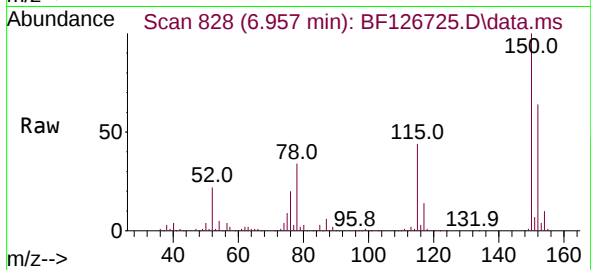




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126725.D
 Acq: 28 Jan 2022 19:19

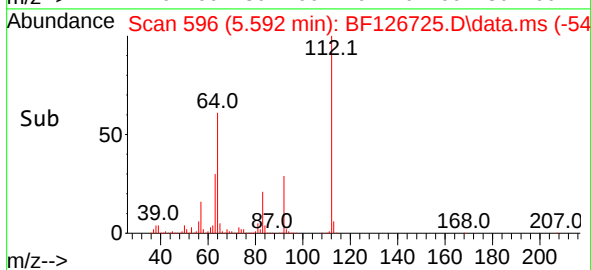
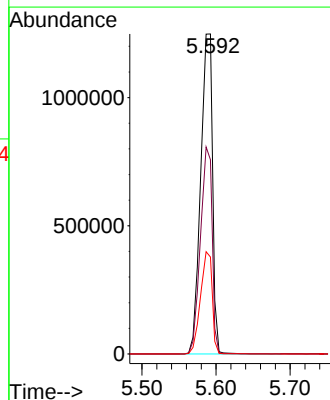
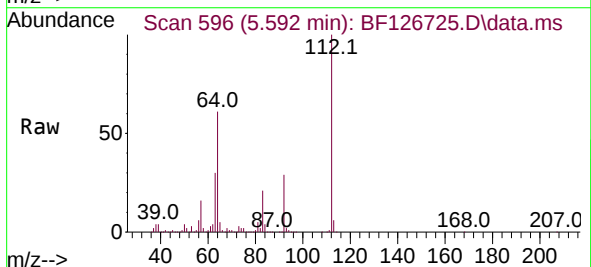
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTER

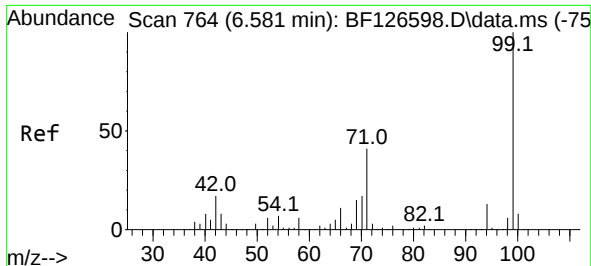
Tgt Ion:152 Resp: 209449
 Ion Ratio Lower Upper
 152 100
 150 156.3 128.1 192.1
 115 68.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 87.333 ng
 RT: 5.592 min Scan# 596
 Delta R.T. 0.023 min
 Lab File: BF126725.D
 Acq: 28 Jan 2022 19:19

Tgt Ion:112 Resp: 1390068
 Ion Ratio Lower Upper
 112 100
 64 60.7 49.5 74.3
 63 30.3 23.9 35.9





#7

Phenol-d6

Concen: 76.323 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF126725.D

Acq: 28 Jan 2022 19:19

Instrument :

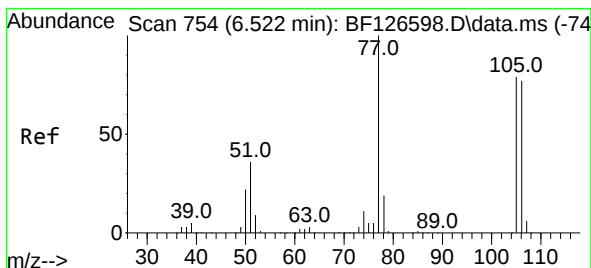
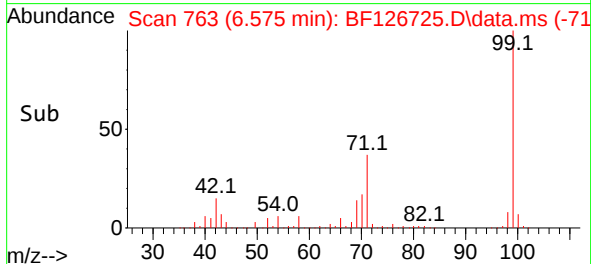
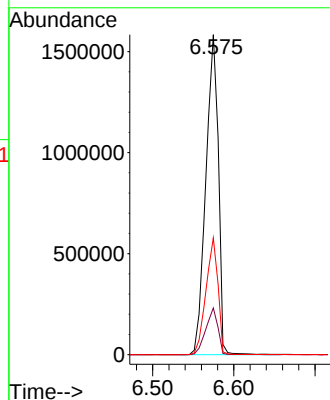
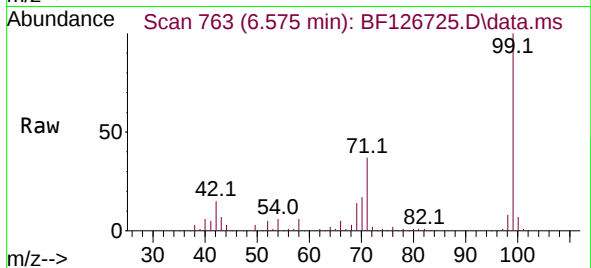
BNA_F

ClientSampleId :

WASTE-CHARACTER

Tgt Ion: 99 Resp: 1687839

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.2	21.4
71	36.5	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

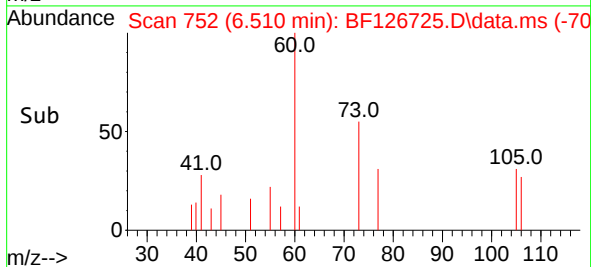
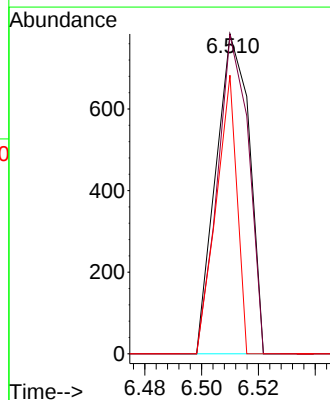
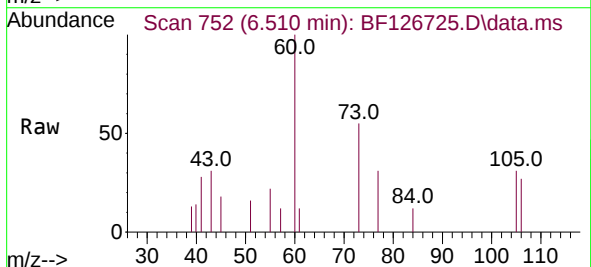
Delta R.T. -0.000 min

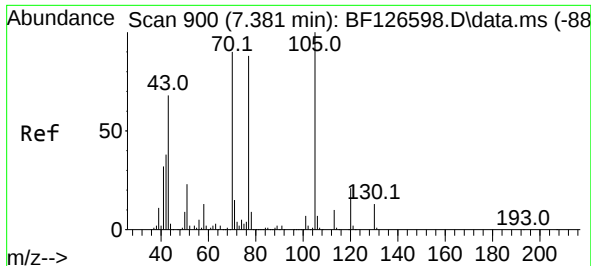
Lab File: BF126725.D

Acq: 28 Jan 2022 19:19

Tgt Ion: 77 Resp: 638

Ion	Ratio	Lower	Upper
77	100		
105	99.7	74.9	114.9
106	87.1	72.4	112.4

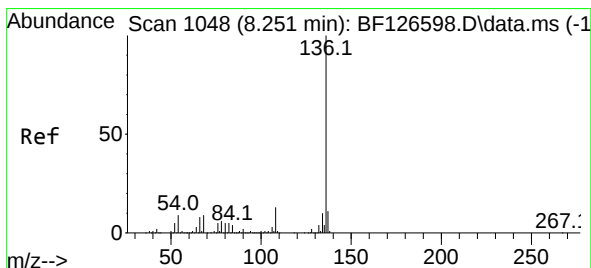
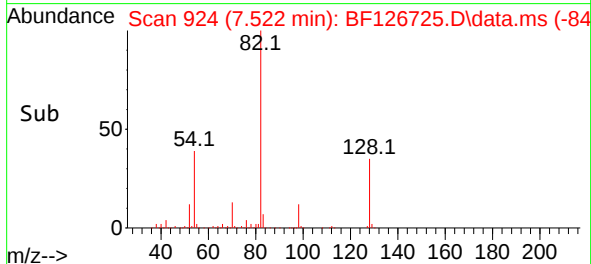
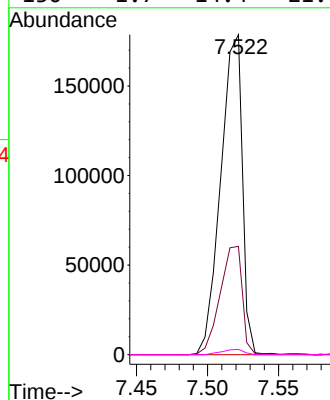
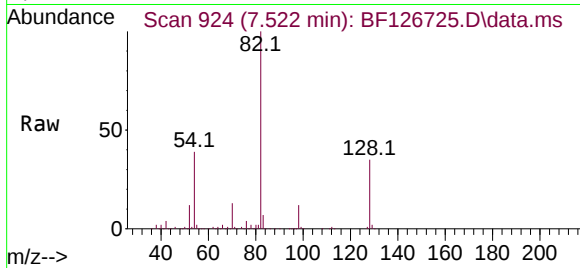




#19
n-Nitroso-di-n-propylamine
Concen: 11.711 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126725.D
Acq: 28 Jan 2022 19:19

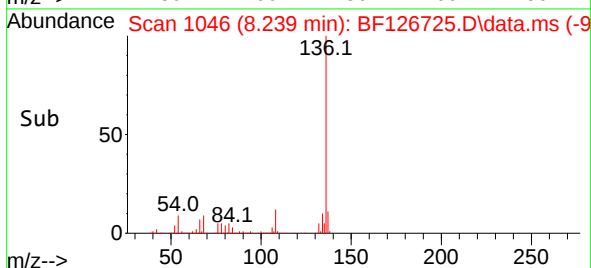
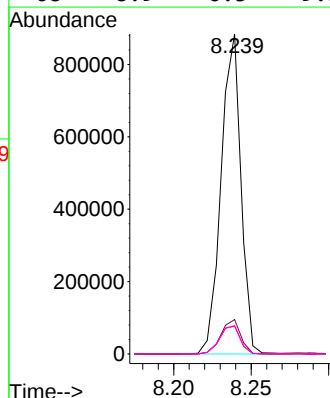
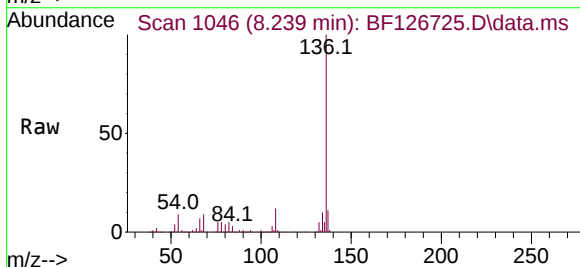
Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTER

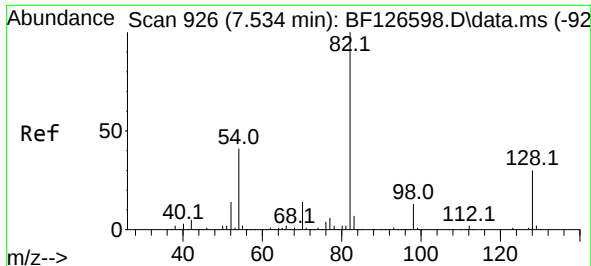
Tgt Ion: 70 Resp: 189020
Ion Ratio Lower Upper
70 100
42 33.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126725.D
Acq: 28 Jan 2022 19:19

Tgt Ion: 136 Resp: 787020
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.8 11.6
68 8.9 6.3 9.5





#23

Nitrobenzene-d5

Concen: 71.664 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF126725.D

Acq: 28 Jan 2022 19:19

Instrument :

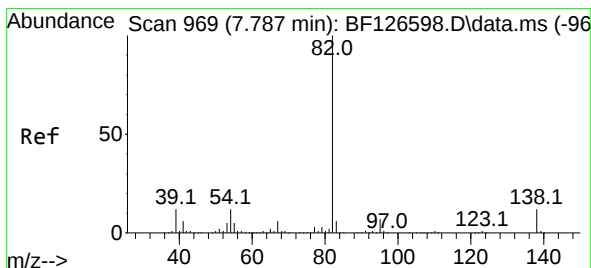
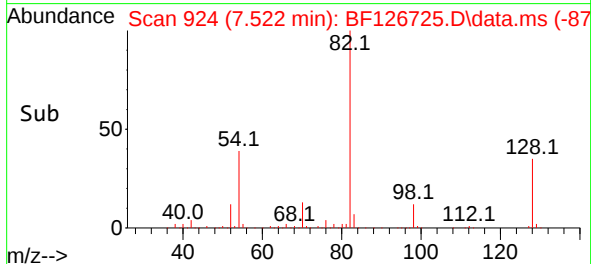
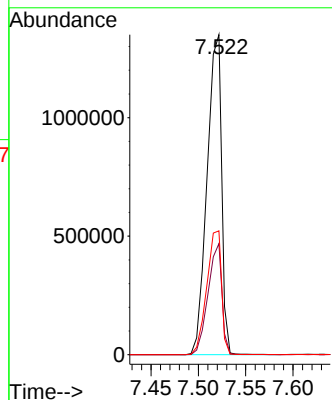
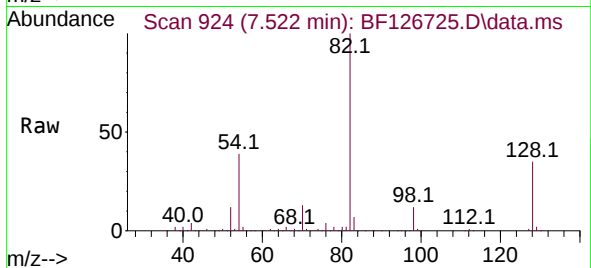
BNA_F

ClientSampleId :

WASTE-CHARACTER

Tgt Ion: 82 Resp: 1440964

Ion	Ratio	Lower	Upper
82	100		
128	34.7	32.7	49.1
54	38.7	41.7	62.5



#25

Isophorone

Concen: 36.793 ng

RT: 7.522 min Scan# 924

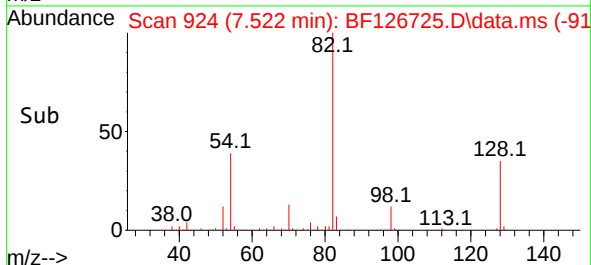
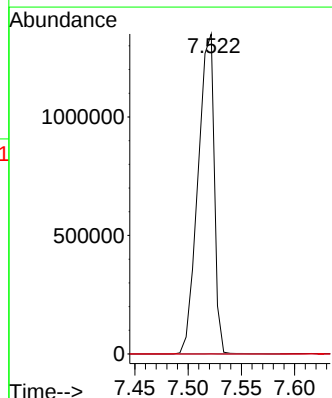
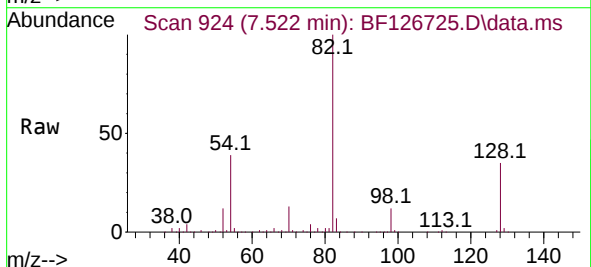
Delta R.T. -0.259 min

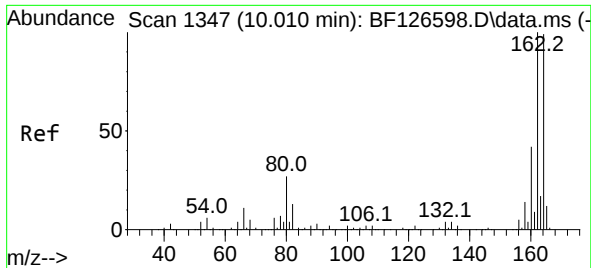
Lab File: BF126725.D

Acq: 28 Jan 2022 19:19

Tgt Ion: 82 Resp: 1434734

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4
138	0.0	12.3	18.5

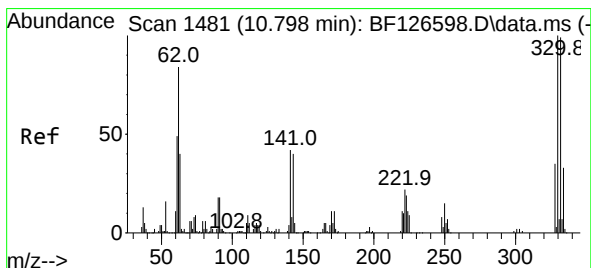
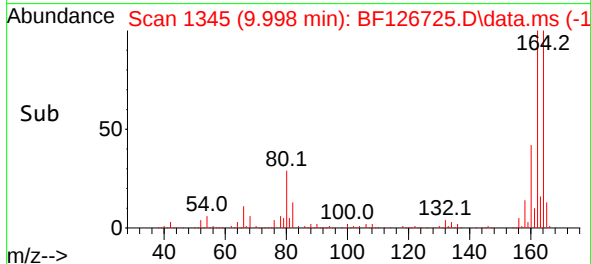
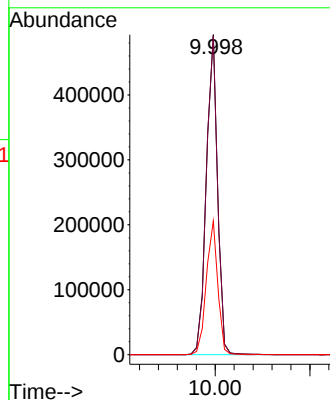
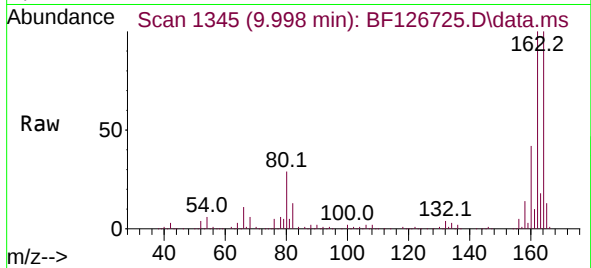




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126725.D
Acq: 28 Jan 2022 19:19

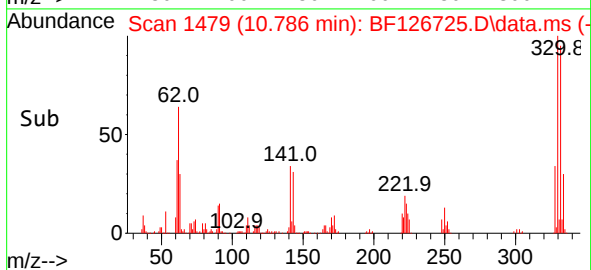
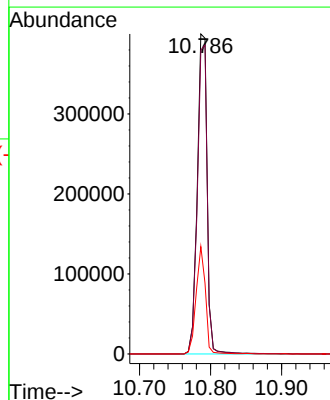
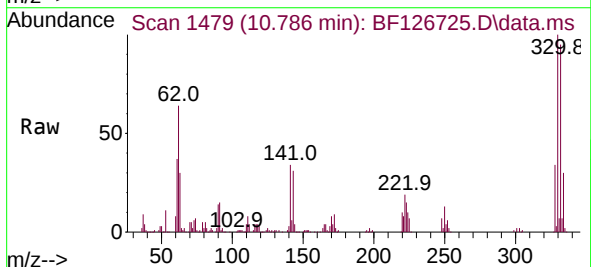
Instrument :
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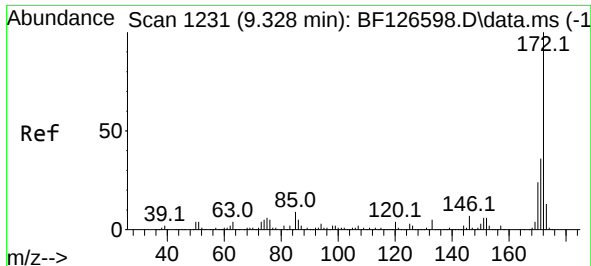
Tgt Ion:164 Resp: 405732
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 41.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 101.672 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126725.D
Acq: 28 Jan 2022 19:19

Tgt Ion:330 Resp: 386051
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 31.6 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 66.136 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126725.D

Acq: 28 Jan 2022 19:19

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTER

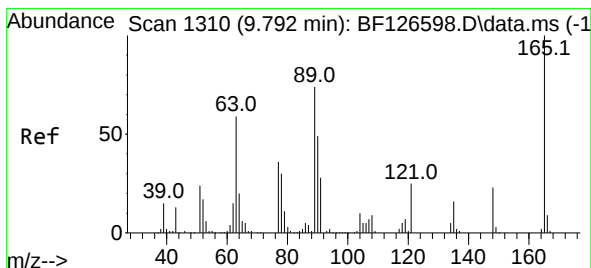
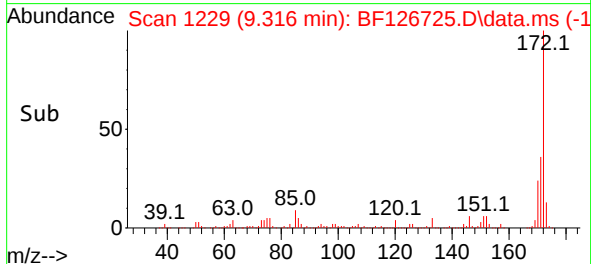
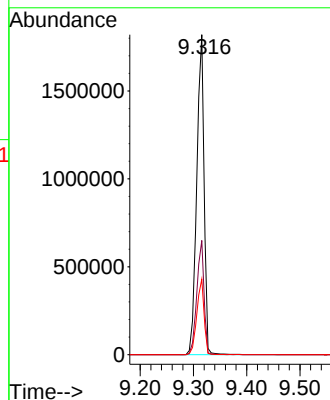
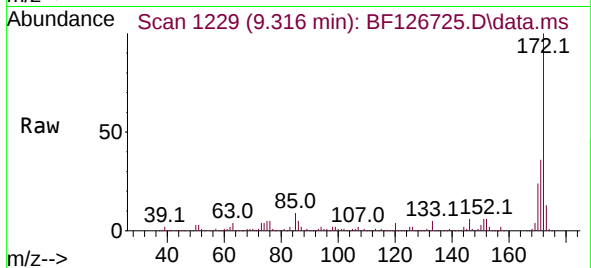
Tgt Ion:172 Resp: 1752114

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.502 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126725.D

Acq: 28 Jan 2022 19:19

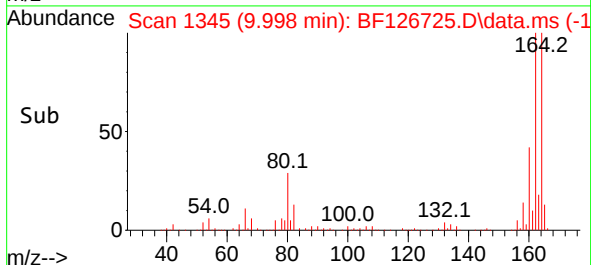
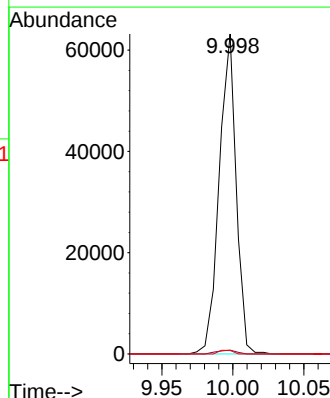
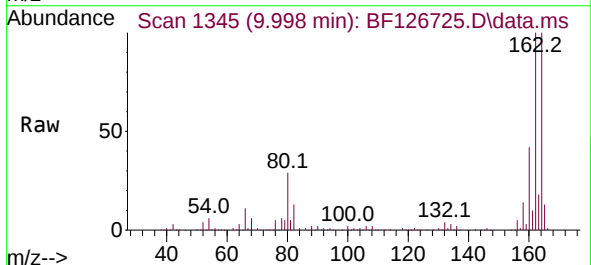
Tgt Ion:165 Resp: 52220

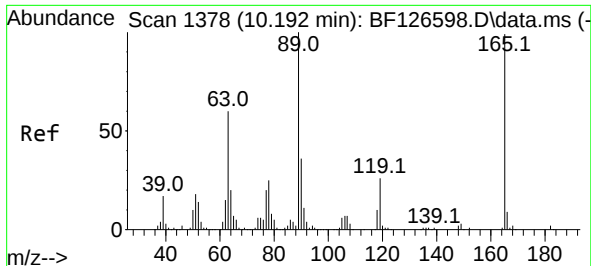
Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.1 50.5 75.7#

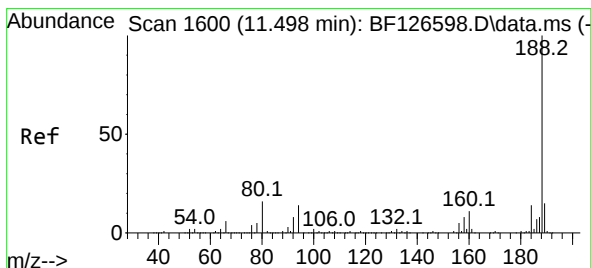
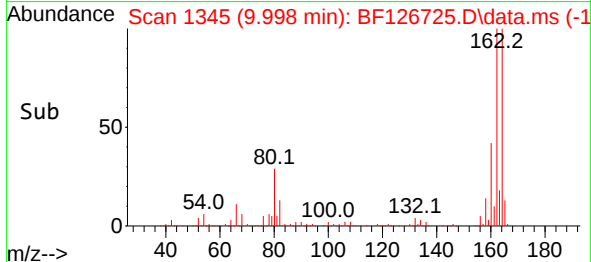
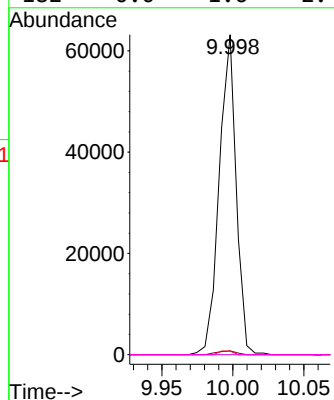
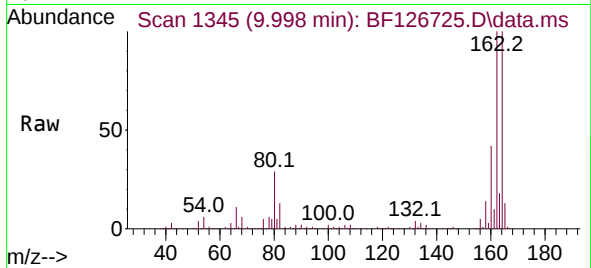




#57
2,4-Dinitrotoluene
Concen: 8.666 ng
RT: 9.998 min Scan# 1599
Delta R.T. -0.188 min
Lab File: BF126725.D
Acq: 28 Jan 2022 19:19

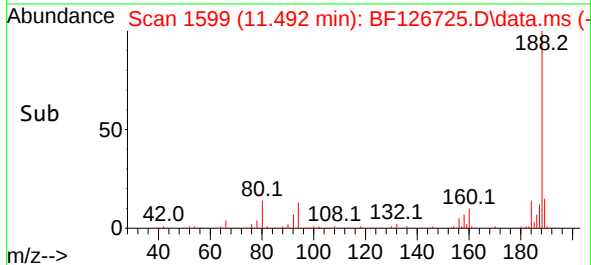
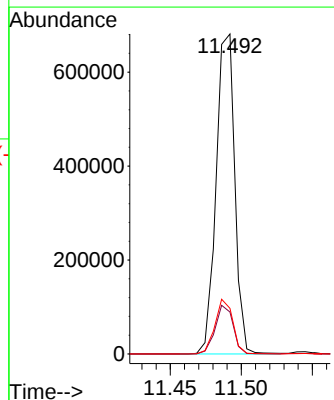
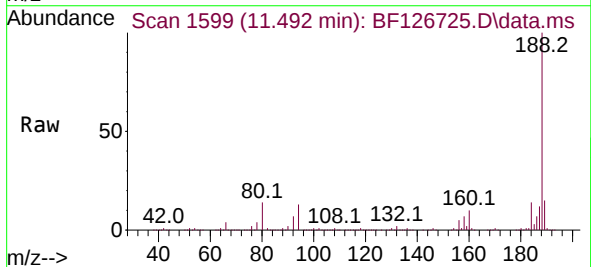
Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTER

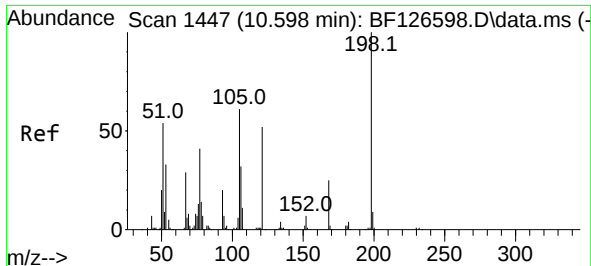
Tgt Ion:165 Resp: 52220
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF126725.D
Acq: 28 Jan 2022 19:19

Tgt Ion:188 Resp: 623034
Ion Ratio Lower Upper
188 100
94 13.1 10.1 15.1
80 14.2 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.601 ng

RT: 10.786 min Scan# 1447

Delta R.T. 0.194 min

Lab File: BF126725.D

Acq: 28 Jan 2022 19:19

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTER

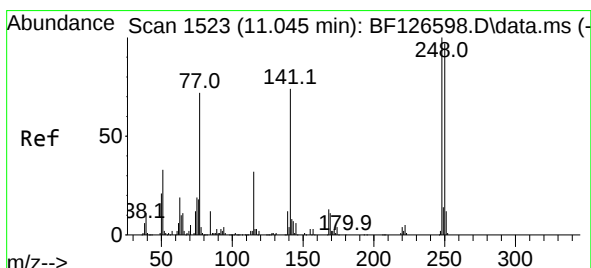
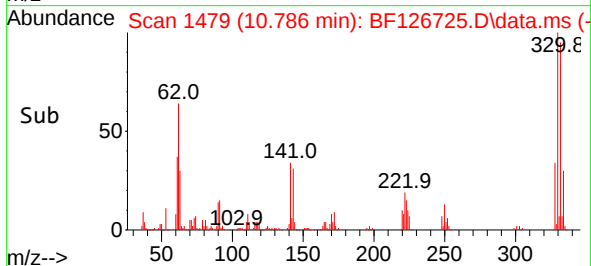
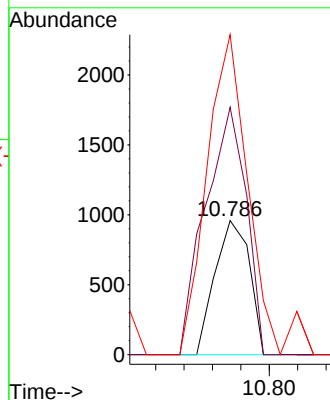
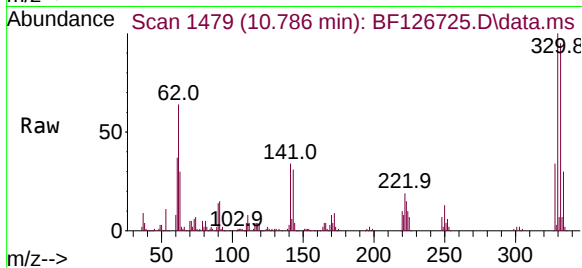
Tgt Ion:198 Resp: 808

Ion Ratio Lower Upper

198 100

51 184.7 32.0 72.0#

105 238.8 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 3.321 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.247 min

Lab File: BF126725.D

Acq: 28 Jan 2022 19:19

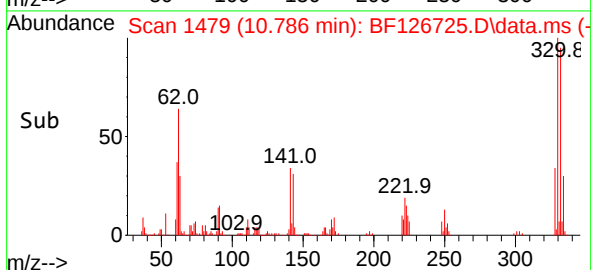
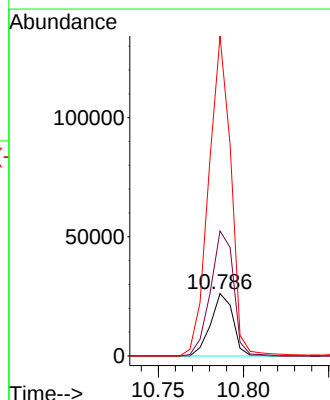
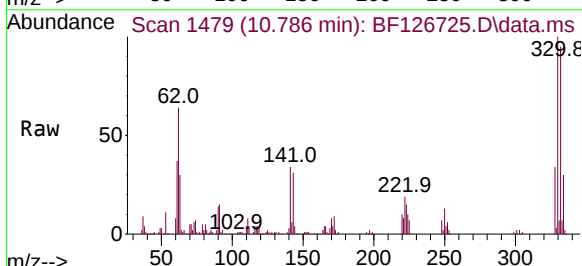
Tgt Ion:248 Resp: 23843

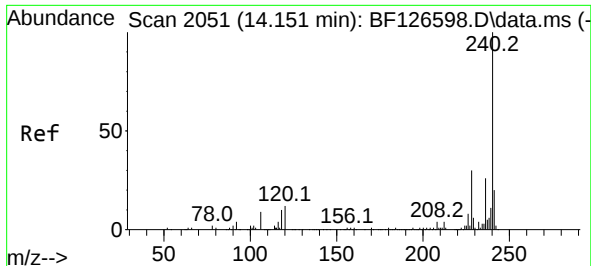
Ion Ratio Lower Upper

248 100

250 200.2 76.2 114.4#

141 512.6 66.2 99.4#

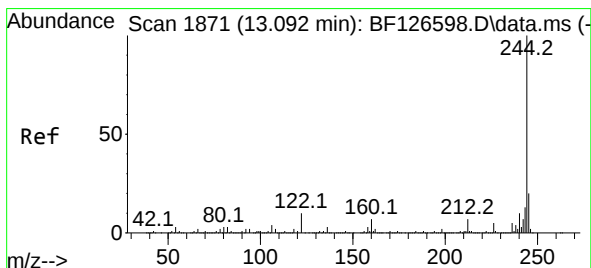
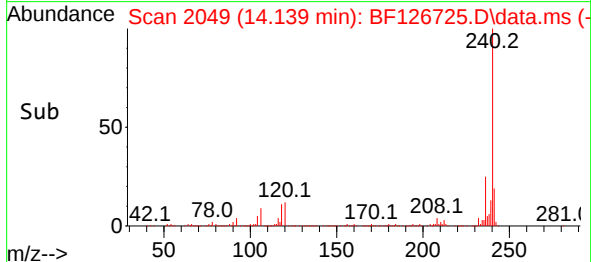
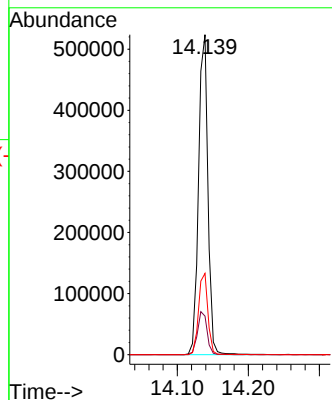
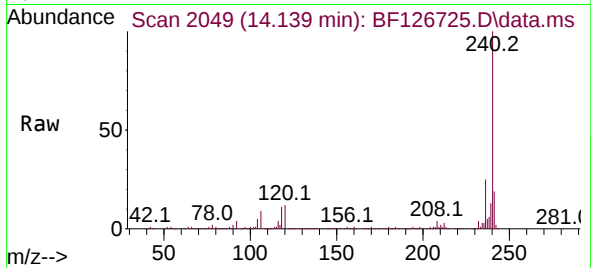




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126725.D
Acq: 28 Jan 2022 19:19

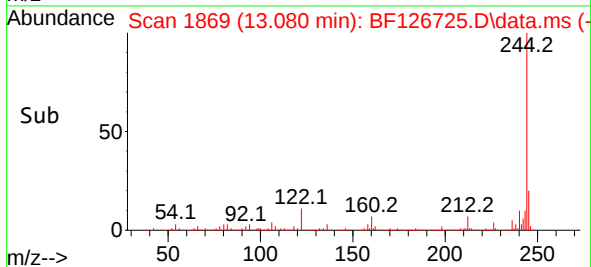
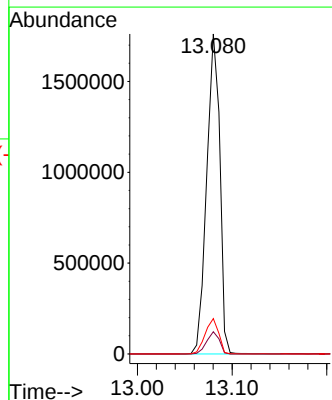
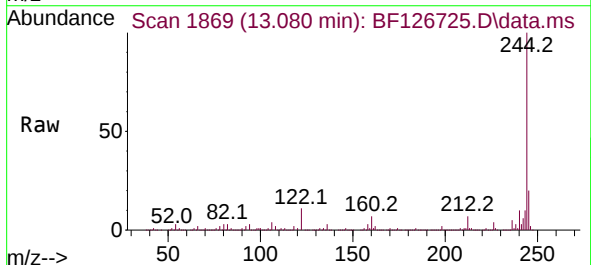
Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTER

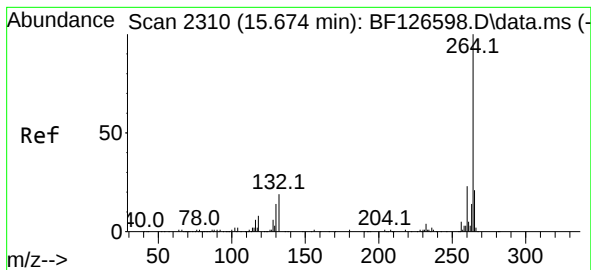
Tgt Ion:240 Resp: 482088
Ion Ratio Lower Upper
240 100
120 12.1 14.4 21.6#
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 58.736 ng
RT: 13.080 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BF126725.D
Acq: 28 Jan 2022 19:19

Tgt Ion:244 Resp: 1688223
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 11.1 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.662 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126725.D
Acq: 28 Jan 2022 19:19

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTER

Tgt Ion:264 Resp: 454893

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	17.4	26.2

