

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144288.D
 Acq On : 19 Nov 2025 20:17
 Operator : RC/JU
 Sample : Q3659-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TANK-1-COMP-2

Quant Time: Nov 20 00:03:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

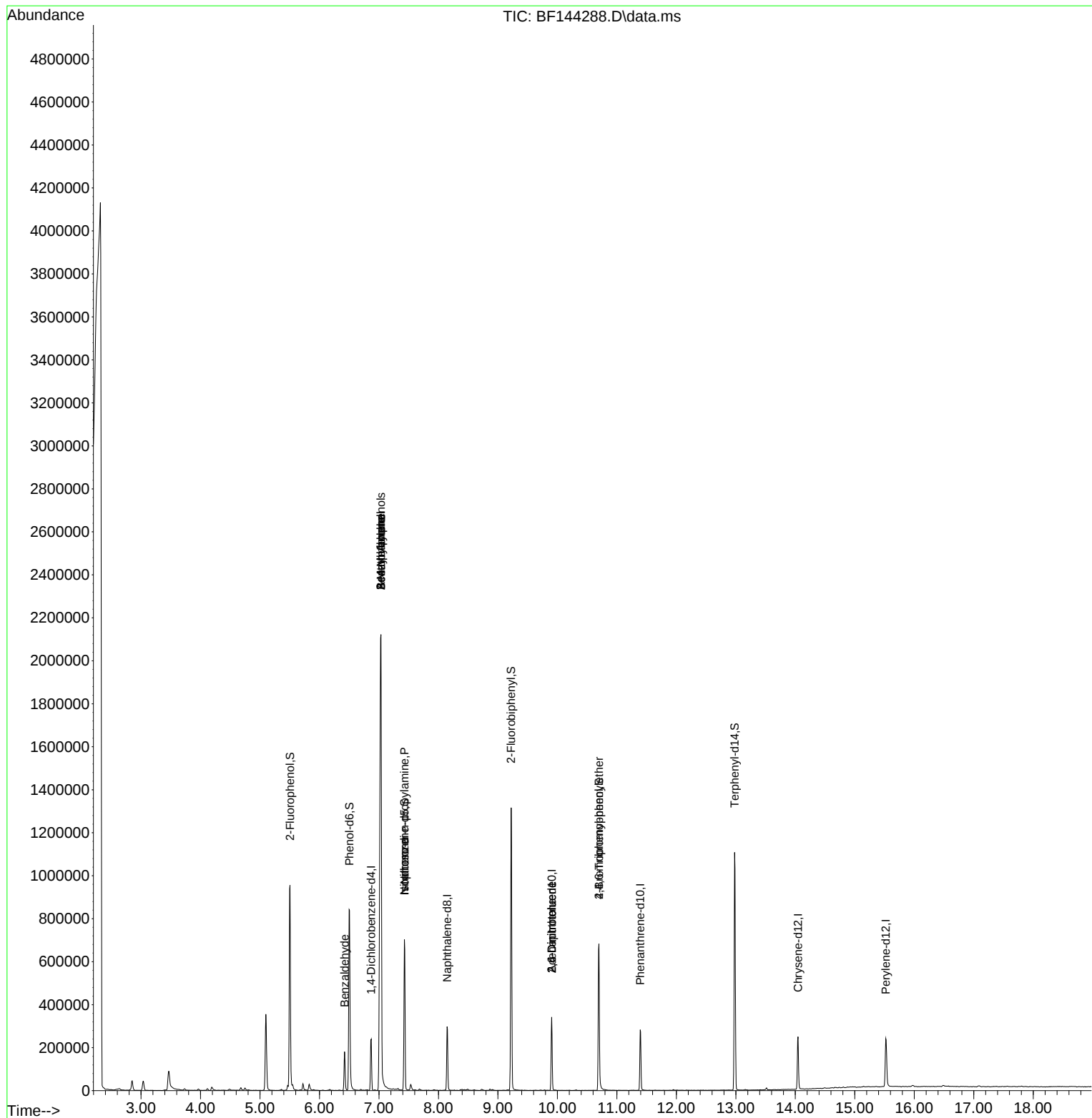
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	51464	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	196283	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	107214	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	167982	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	134530	20.000	ng	0.00
86) Perylene-d12	15.521	264	160100	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	394832	120.057	ng	0.01
7) Phenol-d6	6.504	99	423011	113.519	ng	0.00
23) Nitrobenzene-d5	7.428	82	297999	87.684	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	152768	113.547	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	623687	85.916	ng	0.00
79) Terphenyl-d14	12.980	244	609979	72.021	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	49684	23.612	ng	97
15) Benzyl Alcohol	7.034	79	944079	319.956	ng	96
17) 2-Methylphenol	7.034	107	436243	170.025	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	42719	17.414	ng	# 80
20) 3+4-Methylphenols	7.034	107	421231	139.270	ng	# 37
22) Acetophenone	7.034	105	30297	7.195	ng	# 1
25) Isophorone	7.428	82	297995	46.356	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	13470	9.368	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	13470	6.998	ng	# 27
67) 4-Bromophenyl-phenylether	10.698	248	8276	3.860	ng	# 1

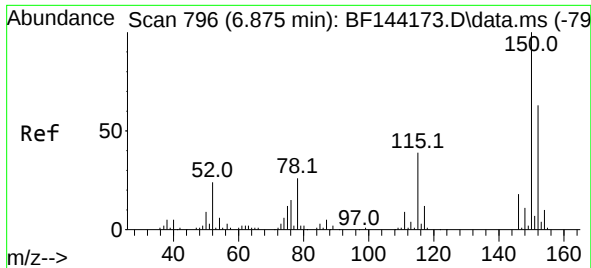
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
Data File : BF144288.D
Acq On : 19 Nov 2025 20:17
Operator : RC/JU
Sample : Q3659-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

Quant Time: Nov 20 00:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

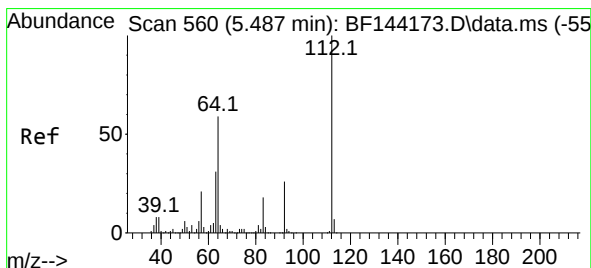
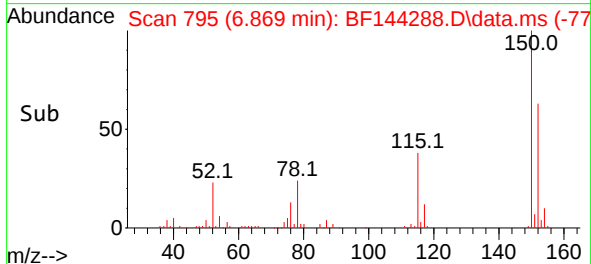
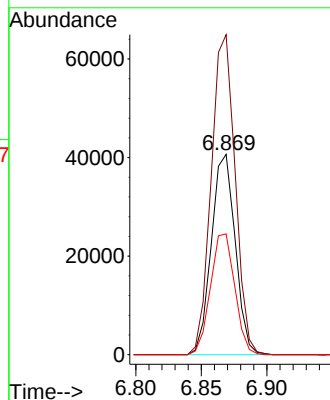
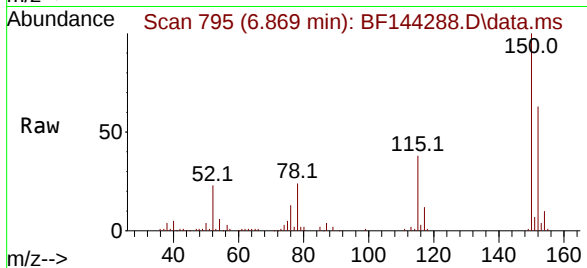




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

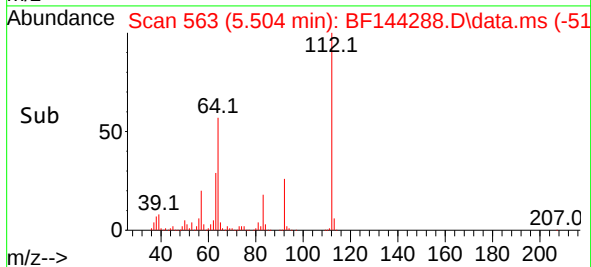
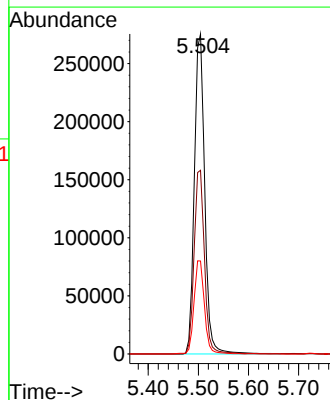
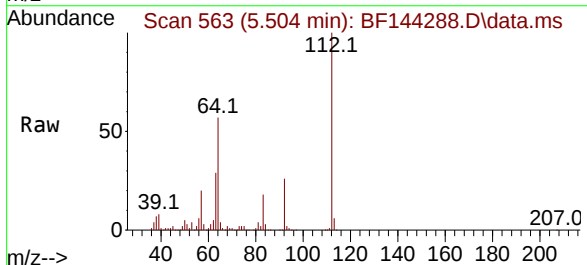
Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

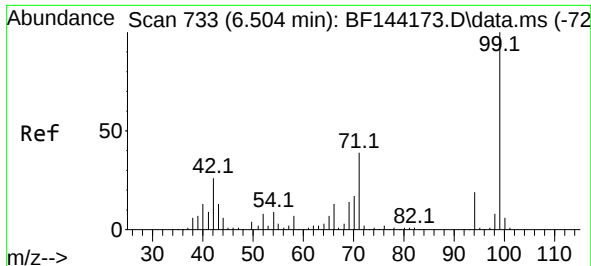
Tgt Ion:152 Resp: 51464
Ion Ratio Lower Upper
152 100
150 159.8 127.4 191.0
115 60.3 49.5 74.3



#5
2-Fluorophenol
Concen: 120.057 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Tgt Ion:112 Resp: 394832
Ion Ratio Lower Upper
112 100
64 57.4 47.2 70.8
63 29.0 24.4 36.6

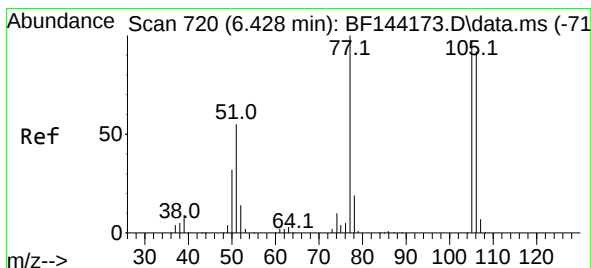
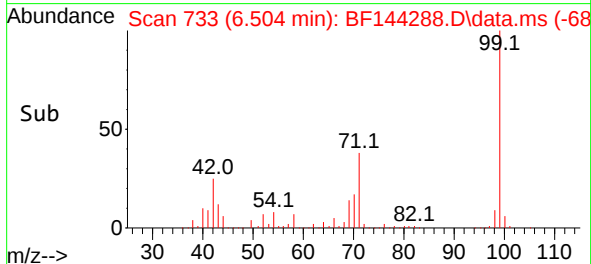
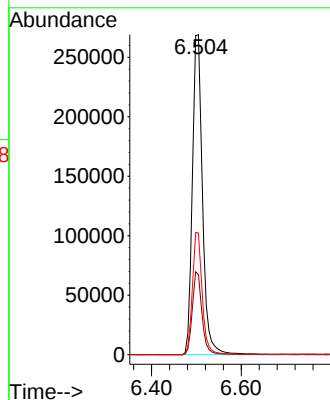
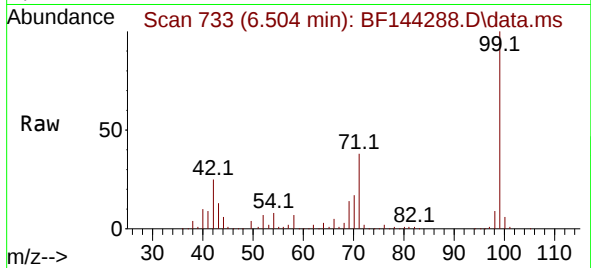




#7
Phenol-d6
Concen: 113.519 ng
RT: 6.504 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

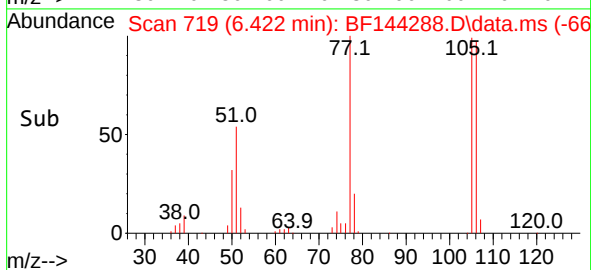
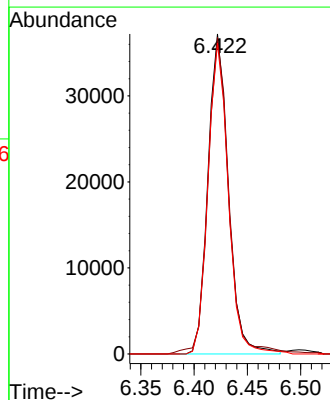
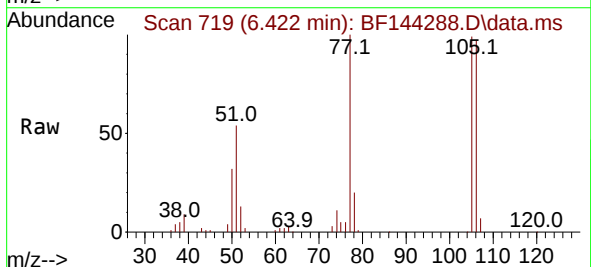
Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

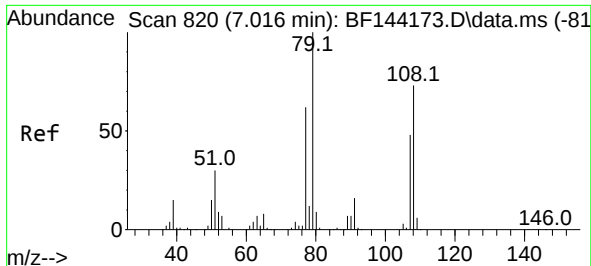
Tgt Ion: 99 Resp: 423011
Ion Ratio Lower Upper
99 100
42 25.0 20.9 31.3
71 38.0 31.4 47.2



#9
Benzaldehyde
Concen: 23.612 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Tgt Ion: 77 Resp: 49684
Ion Ratio Lower Upper
77 100
105 99.0 77.2 117.2
106 97.1 72.2 112.2

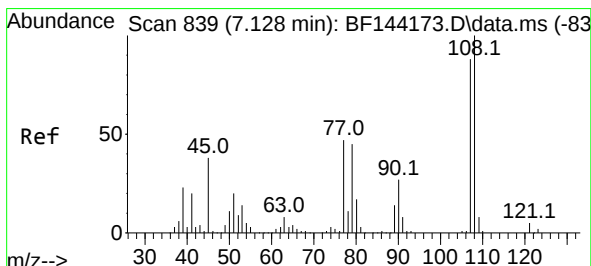
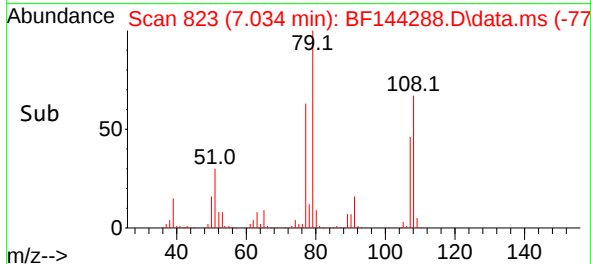
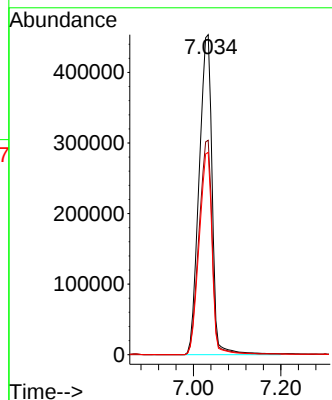
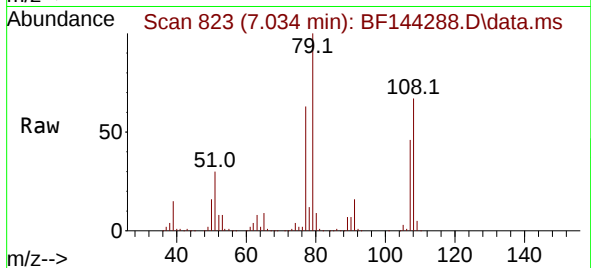




#15
Benzyl Alcohol
Concen: 319.956 ng
RT: 7.034 min Scan# 820
Delta R.T. 0.012 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

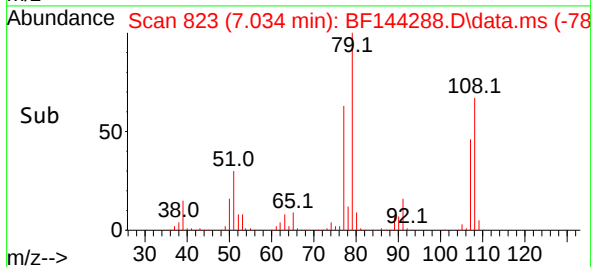
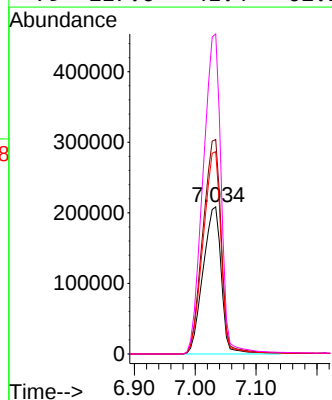
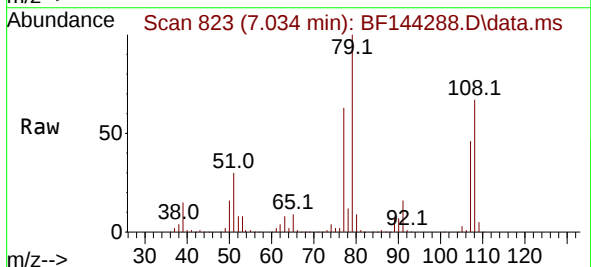
Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

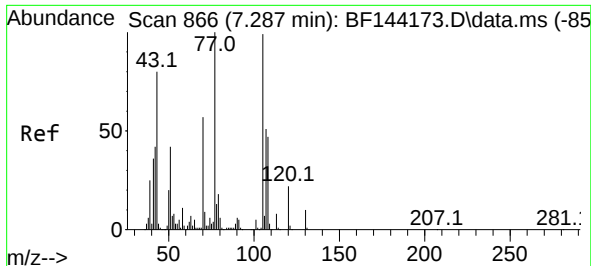
Tgt Ion: 79 Resp: 944079
Ion Ratio Lower Upper
79 100
108 67.0 58.2 87.4
77 63.2 49.9 74.9



#17
2-Methylphenol
Concen: 170.025 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.088 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Tgt Ion: 107 Resp: 436243
Ion Ratio Lower Upper
107 100
108 145.7 91.0 136.4#
77 137.5 42.7 64.1#
79 217.6 41.4 62.2#

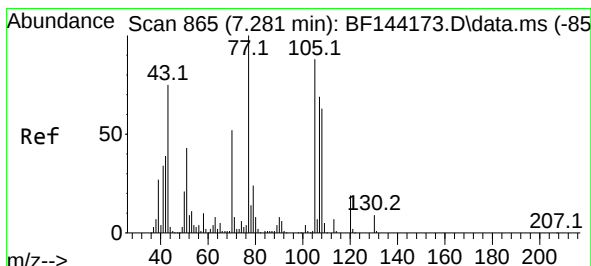
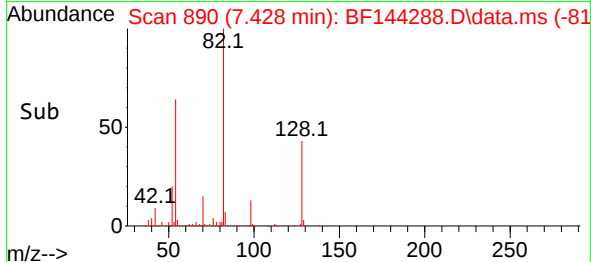
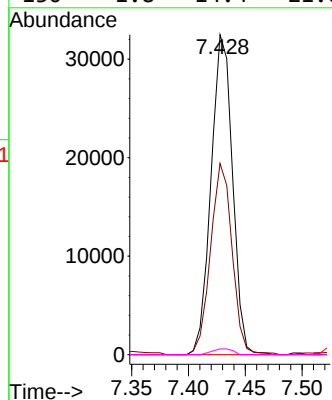
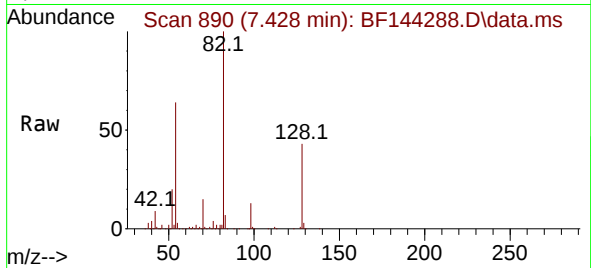




#19
n-Nitroso-di-n-propylamine
Concen: 17.414 ng
RT: 7.428 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

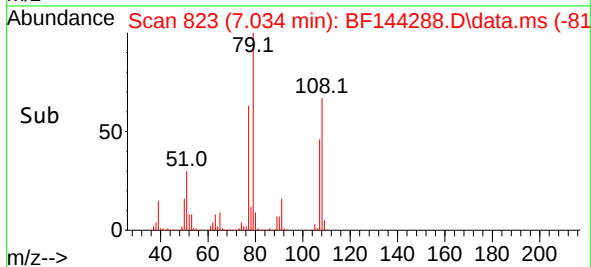
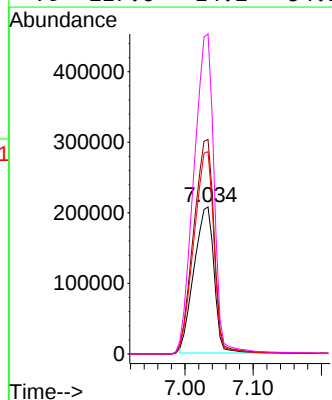
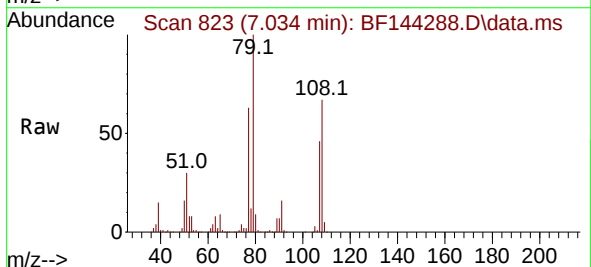
Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

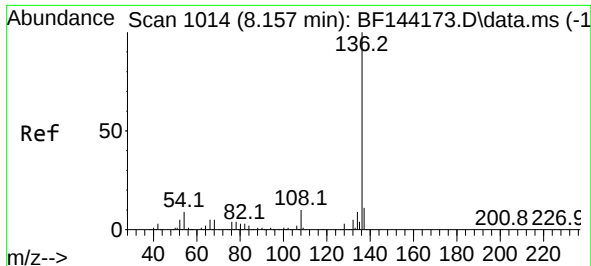
Tgt Ion: 70 Resp: 42719
Ion Ratio Lower Upper
70 100
42 59.7 58.3 87.5
101 0.0 7.0 10.6#
130 1.8 14.4 21.6#



#20
3+4-Methylphenols
Concen: 139.270 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.253 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Tgt Ion: 107 Resp: 421231
Ion Ratio Lower Upper
107 100
108 145.7 70.2 110.2#
77 137.5 123.9 163.9
79 217.6 14.2 54.2#

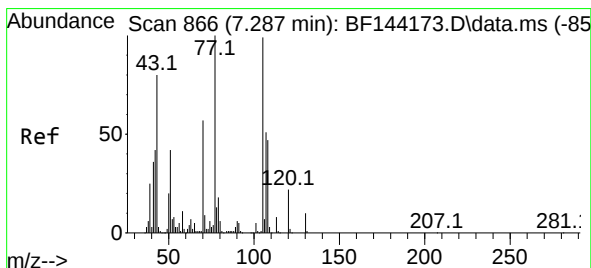
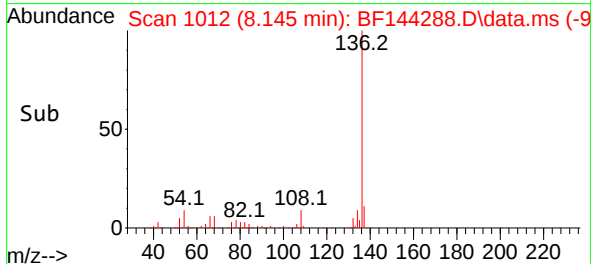
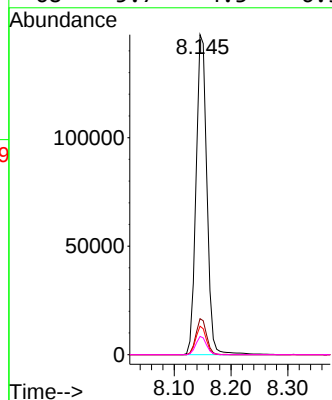
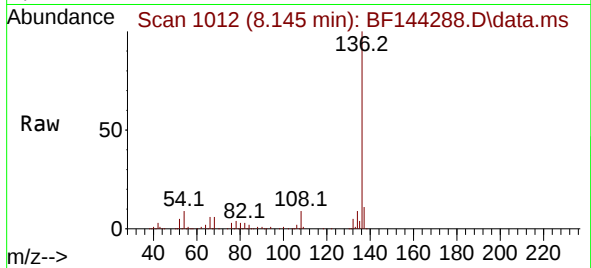




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

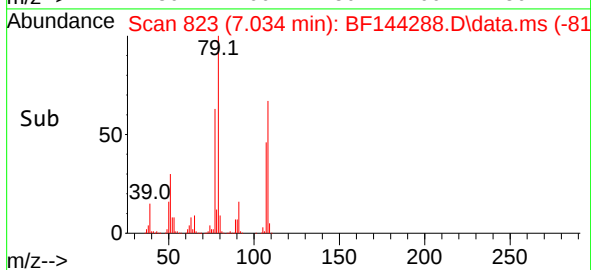
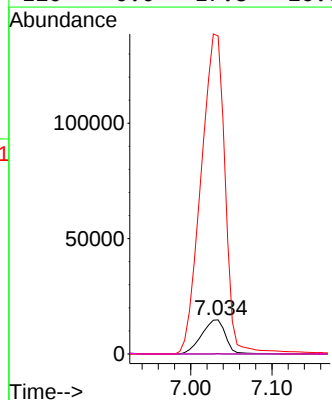
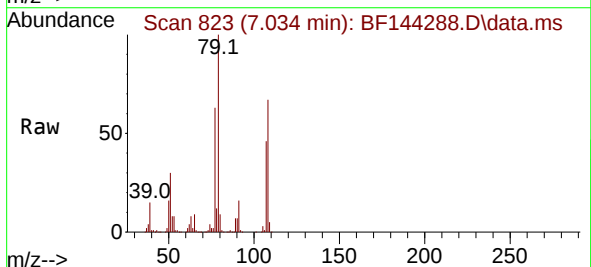
Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

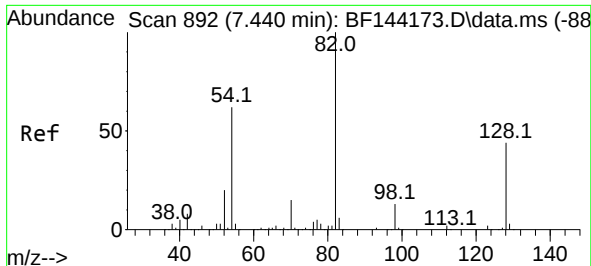
Tgt Ion:136 Resp: 196283
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 7.0 10.6
68 5.7 4.3 6.5



#22
Acetophenone
Concen: 7.195 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.247 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Tgt Ion:105 Resp: 30297
Ion Ratio Lower Upper
105 100
71 1.3 7.2 10.8#
51 931.8 34.0 51.0#
120 0.0 17.8 26.6#





#23

Nitrobenzene-d5

Concen: 87.684 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF144288.D

Acq: 19 Nov 2025 20:17

Instrument :

BNA_F

ClientSampleId :

TANK-1-COMP-2

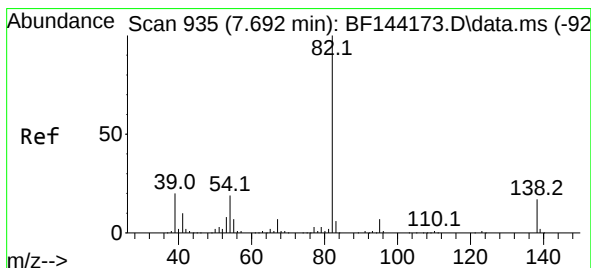
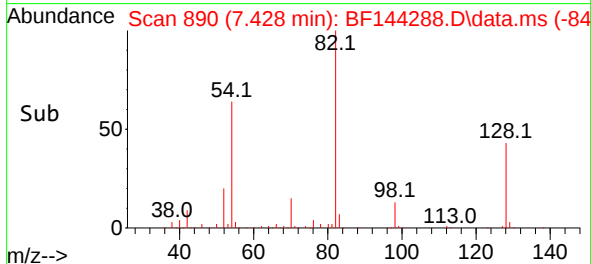
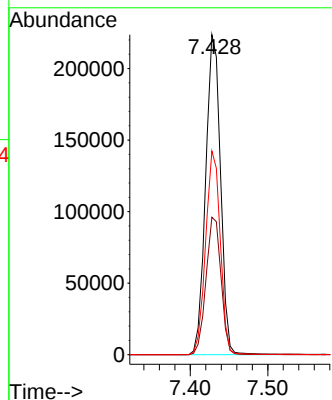
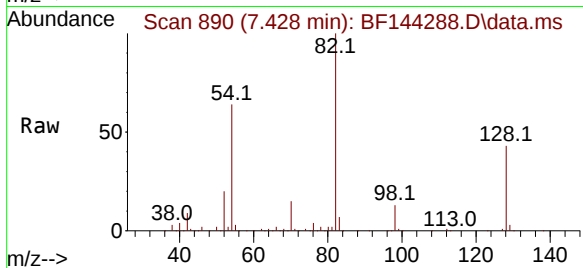
Tgt Ion: 82 Resp: 297999

Ion Ratio Lower Upper

82 100

128 42.9 34.7 52.1

54 63.6 49.5 74.3



#25

Isophorone

Concen: 46.356 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.259 min

Lab File: BF144288.D

Acq: 19 Nov 2025 20:17

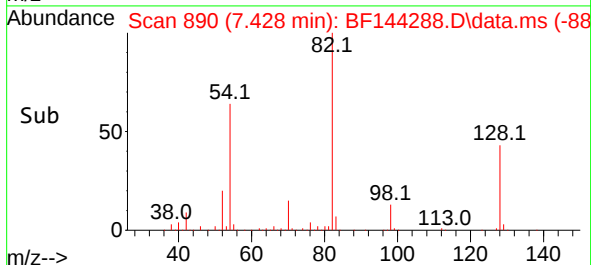
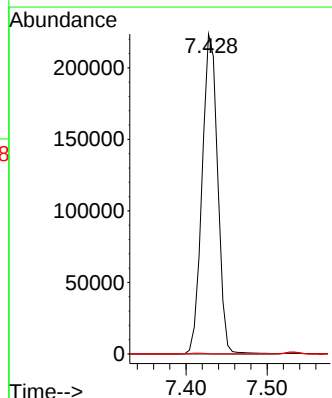
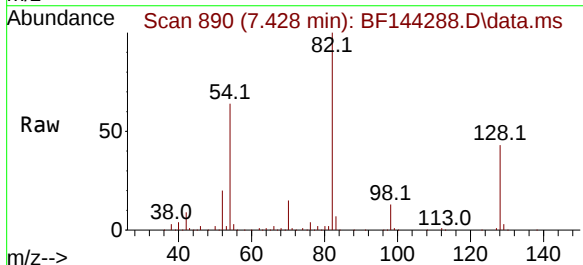
Tgt Ion: 82 Resp: 297995

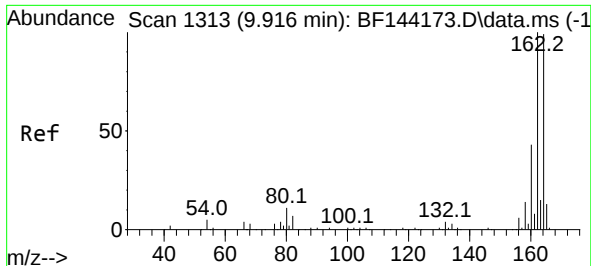
Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.1 13.7 20.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144288.D

Acq: 19 Nov 2025 20:17

Instrument :

BNA_F

ClientSampleId :

TANK-1-COMP-2

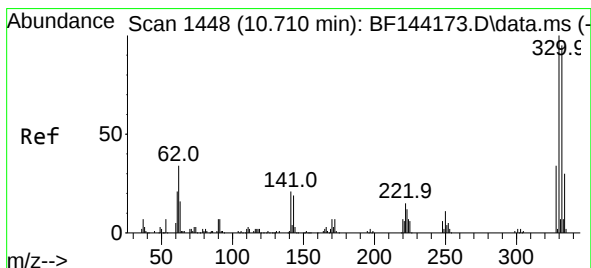
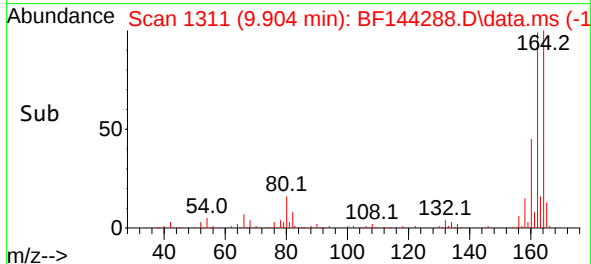
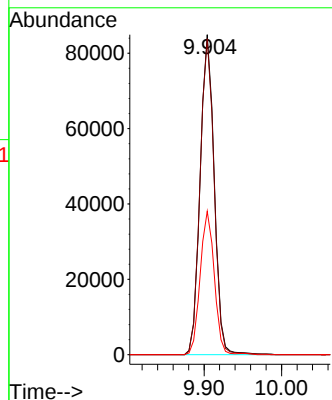
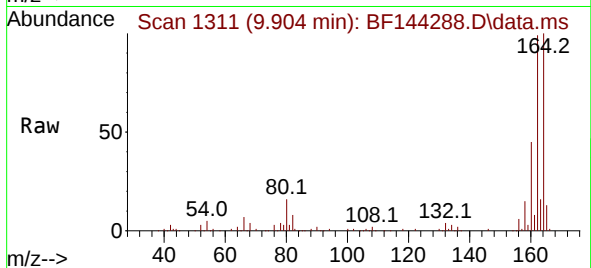
Tgt Ion:164 Resp: 107214

Ion Ratio Lower Upper

164 100

162 98.8 81.1 121.7

160 44.8 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 113.547 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144288.D

Acq: 19 Nov 2025 20:17

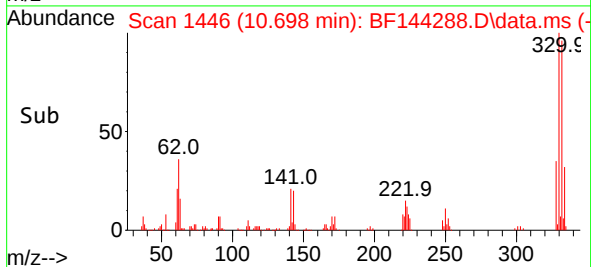
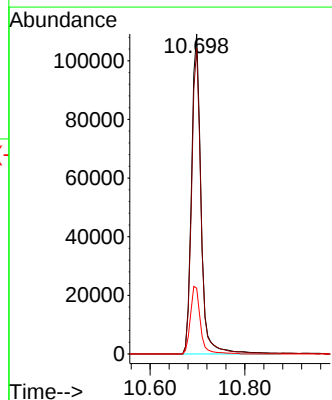
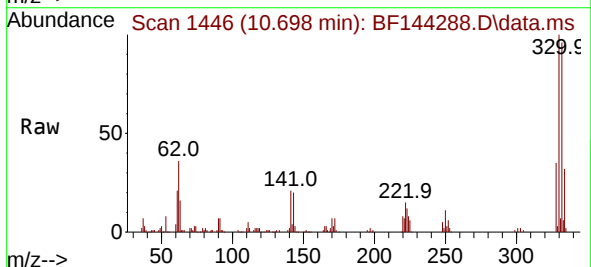
Tgt Ion:330 Resp: 152768

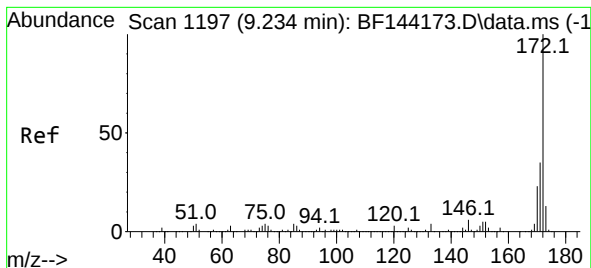
Ion Ratio Lower Upper

330 100

332 94.9 76.7 115.1

141 22.1 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 85.916 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144288.D

Acq: 19 Nov 2025 20:17

Instrument :

BNA_F

ClientSampleId :

TANK-1-COMP-2

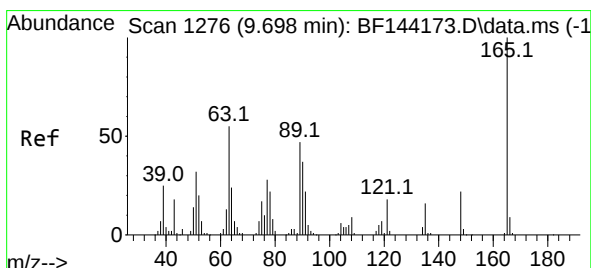
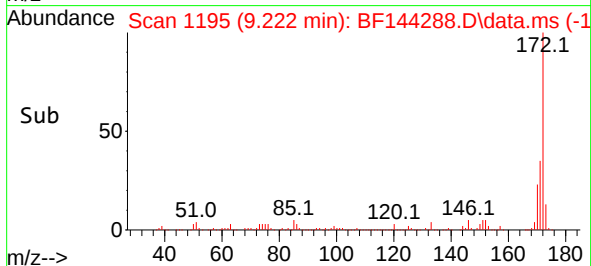
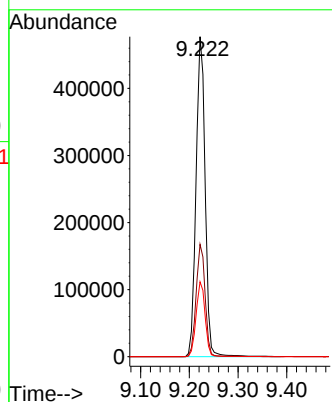
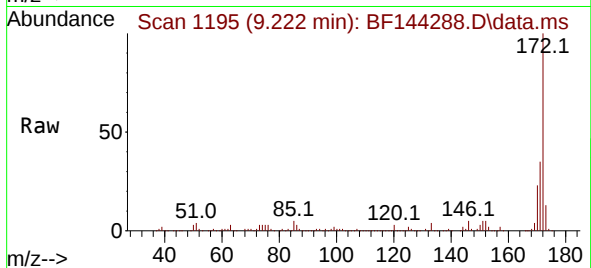
Tgt Ion:172 Resp: 623687

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.4 18.6 28.0



#51

2,6-Dinitrotoluene

Concen: 9.368 ng

RT: 9.904 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF144288.D

Acq: 19 Nov 2025 20:17

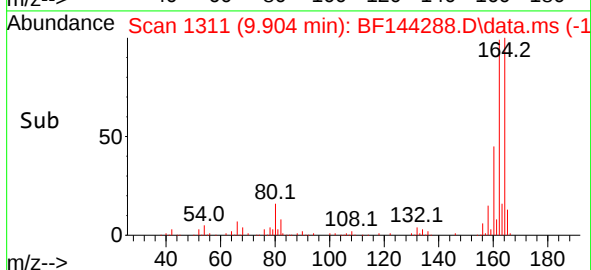
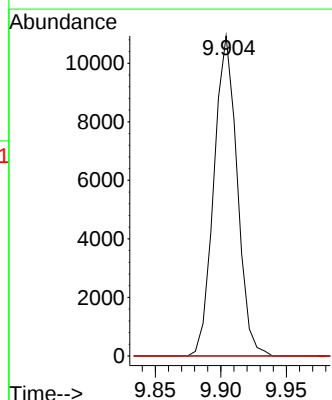
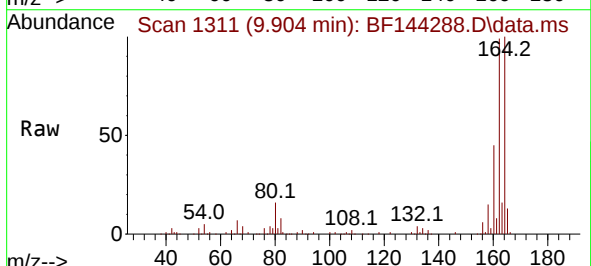
Tgt Ion:165 Resp: 13470

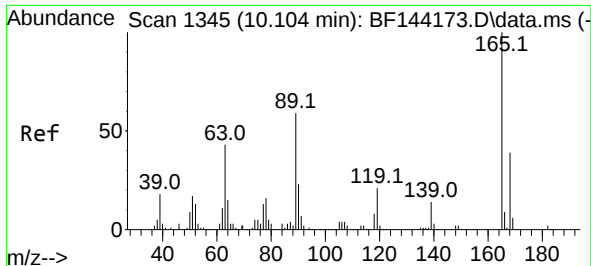
Ion Ratio Lower Upper

165 100

63 0.0 43.8 65.8#

89 0.0 37.5 56.3#

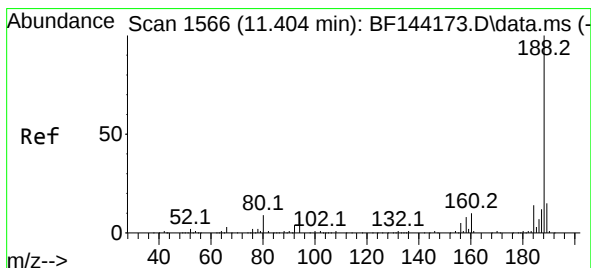
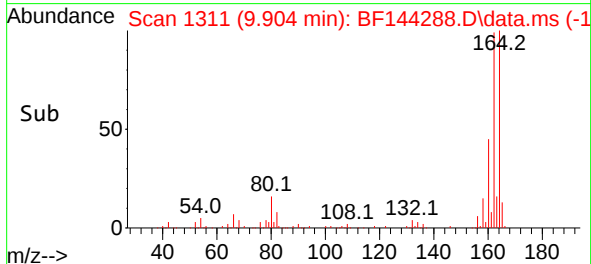
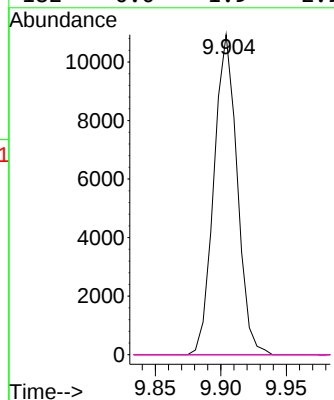
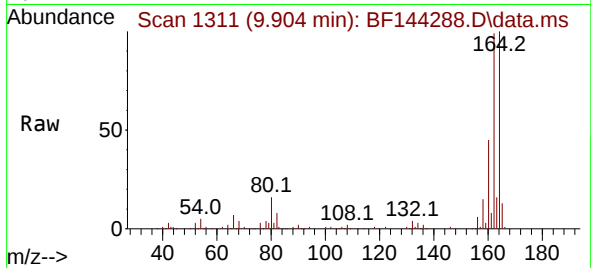




#57
2,4-Dinitrotoluene
Concen: 6.998 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

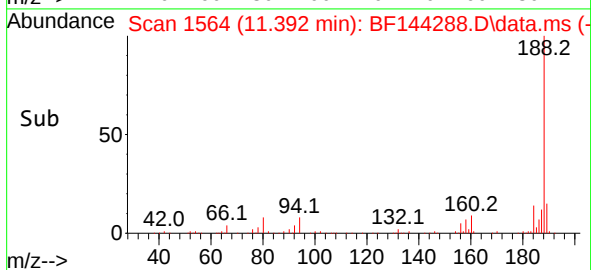
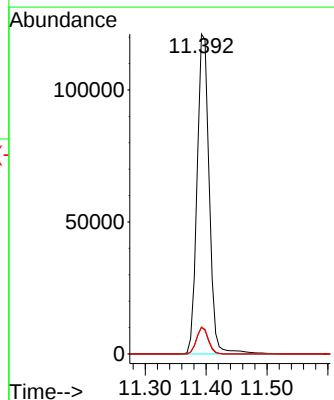
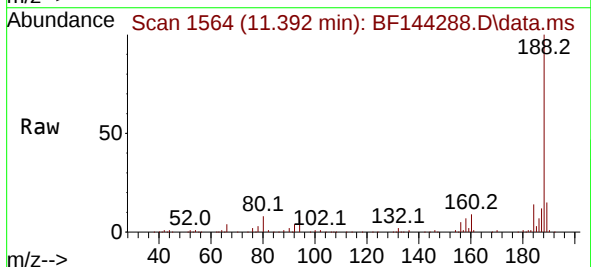
Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

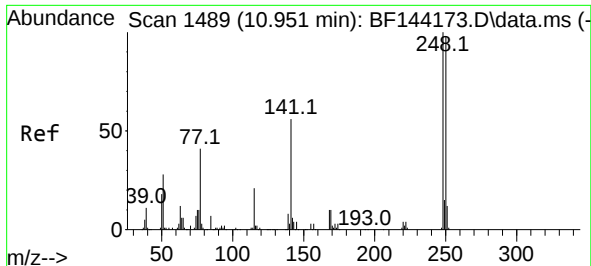
Tgt Ion:165 Resp: 13470
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 0.0 47.4 71.2#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Tgt Ion:188 Resp: 167982
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.4 6.9 10.3

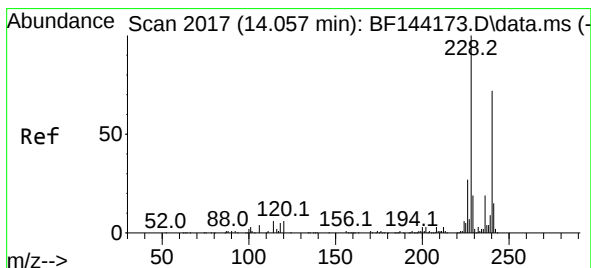
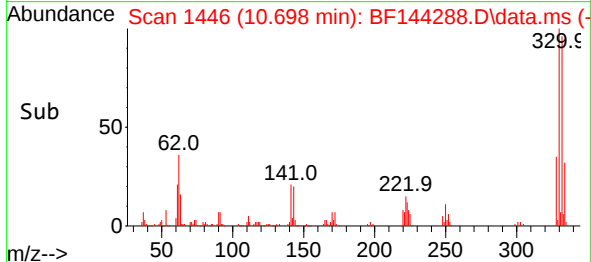
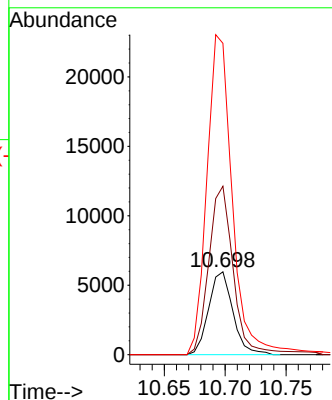
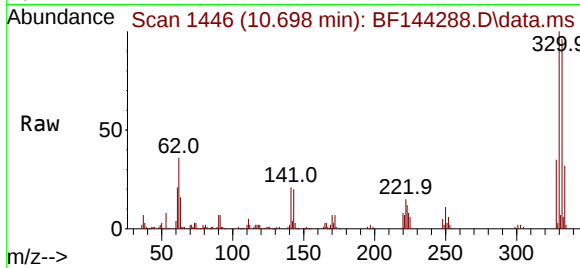




#67
4-Bromophenyl-phenylether
Concen: 3.860 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

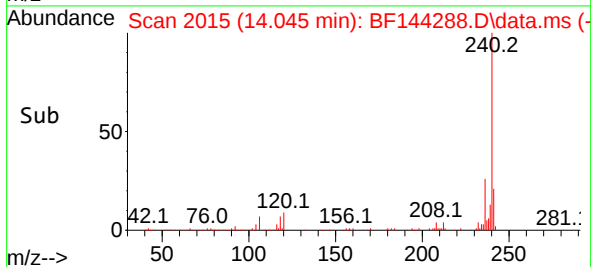
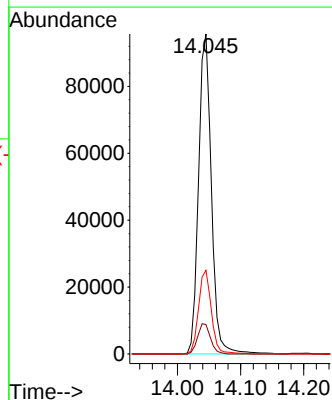
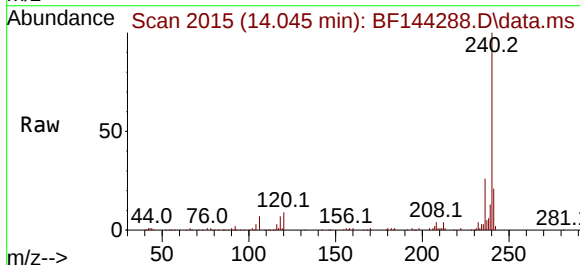
Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2

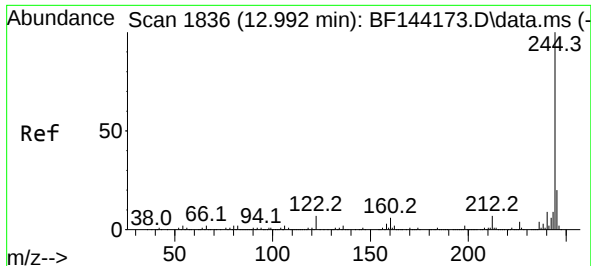
Tgt Ion:248 Resp: 8276
Ion Ratio Lower Upper
248 100
250 203.4 78.4 117.6#
141 375.7 45.1 67.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

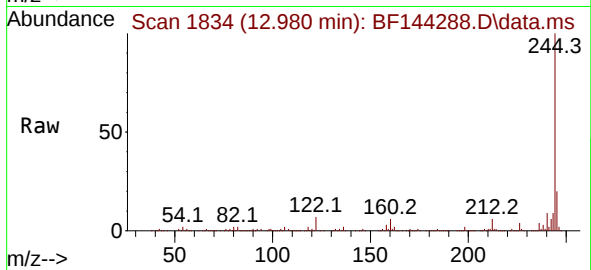
Tgt Ion:240 Resp: 134530
Ion Ratio Lower Upper
240 100
120 9.2 6.6 10.0
236 26.1 21.4 32.2



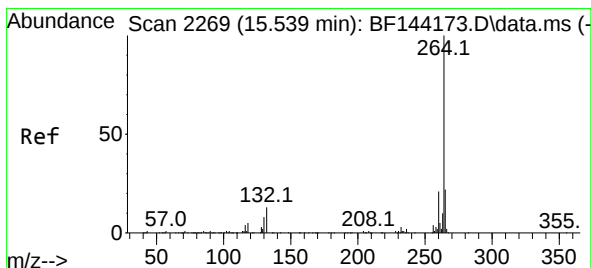
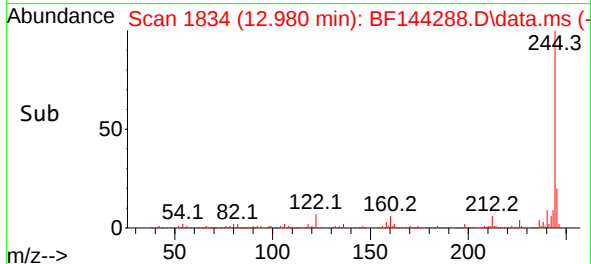
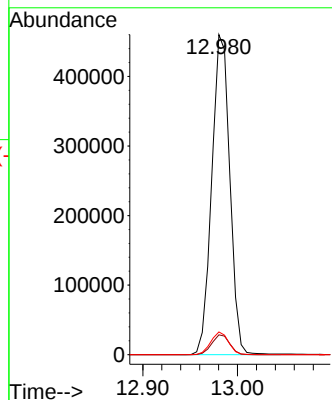


#79
Terphenyl-d14
Concen: 72.021 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Instrument :
BNA_F
ClientSampleId :
TANK-1-COMP-2



Tgt Ion:244 Resp: 609979
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 7.1 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144288.D
Acq: 19 Nov 2025 20:17

Tgt Ion:264 Resp: 160100
Ion Ratio Lower Upper
264 100
260 22.7 17.1 25.7
265 21.5 17.4 26.0

