

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144132.D
 Acq On : 29 Oct 2025 17:02
 Operator : RC/JU
 Sample : Q3434-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-WC2-20251022

Quant Time: Oct 29 17:30:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

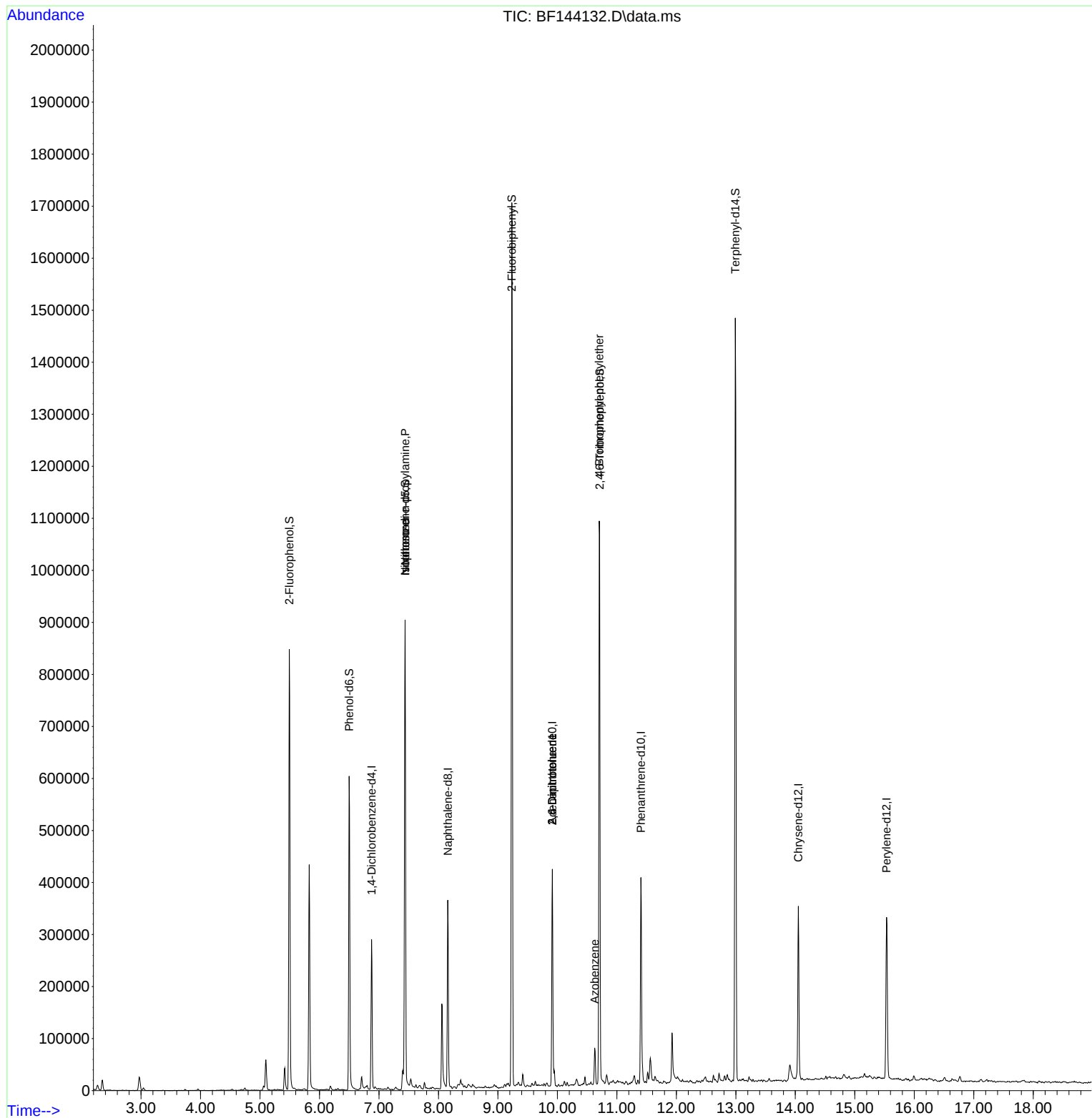
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59068	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	222374	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	127295	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	211645	20.000	ng	0.00
76) Chrysene-d12	14.051	240	165479	20.000	ng	0.00
86) Perylene-d12	15.533	264	206243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	310598	83.192	ng	0.00
7) Phenol-d6	6.498	99	255503	61.966	ng	0.00
23) Nitrobenzene-d5	7.439	82	373695	92.069	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	223716	137.969	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	785918	86.881	ng	0.00
79) Terphenyl-d14	12.992	244	784373	82.866	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	57330	21.501	ng	# 73
25) Isophorone	7.439	82	373693	52.661	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	16534	10.024	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	16534	7.427	ng	# 25
63) Azobenzene	10.628	77	16295	2.194	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	12105	4.568	ng	# 1

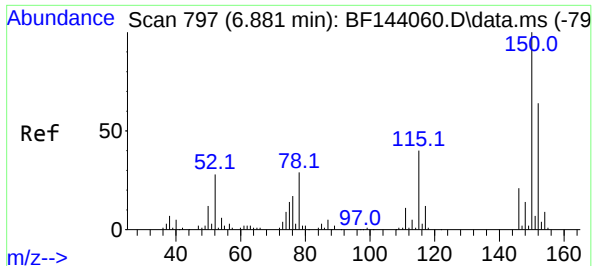
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144132.D
Acq On : 29 Oct 2025 17:02
Operator : RC/JU
Sample : Q3434-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-WC2-20251022

Quant Time: Oct 29 17:30:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

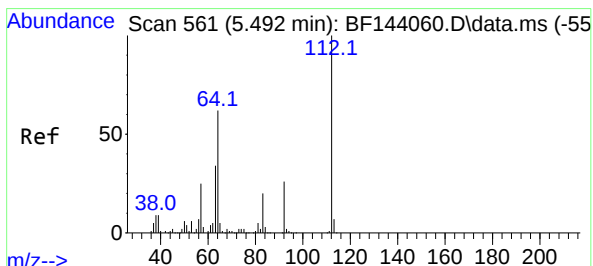
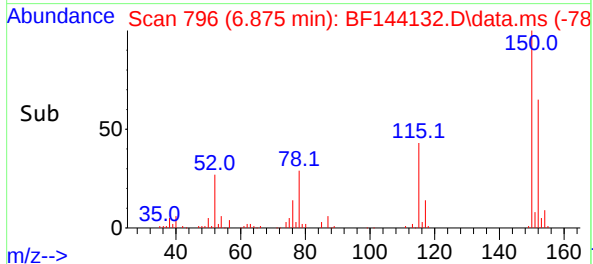
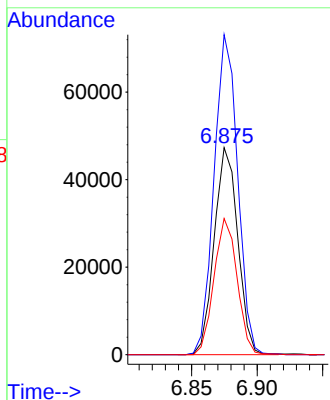
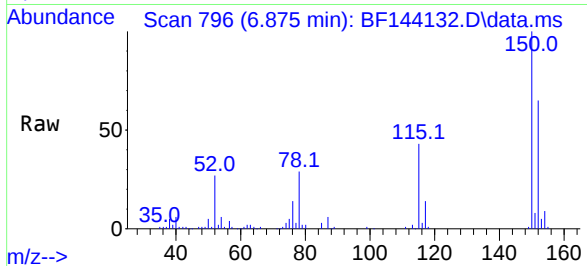




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF144132.D
 Acq: 29 Oct 2025 17:02

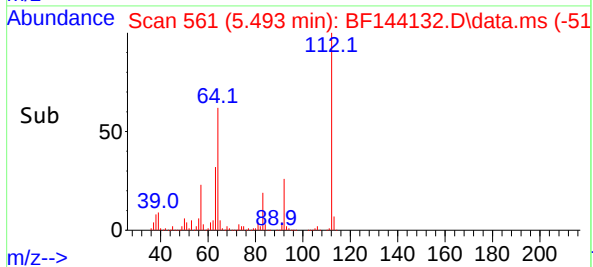
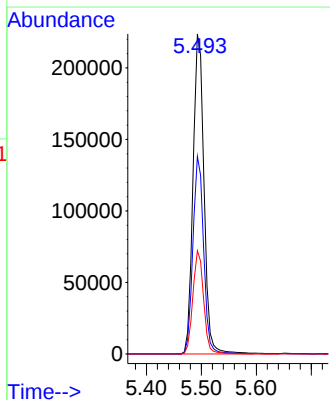
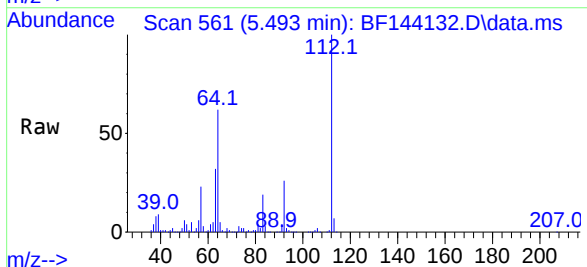
Instrument :
 BNA_F
 ClientSampleId :
 PR132-WC2-20251022

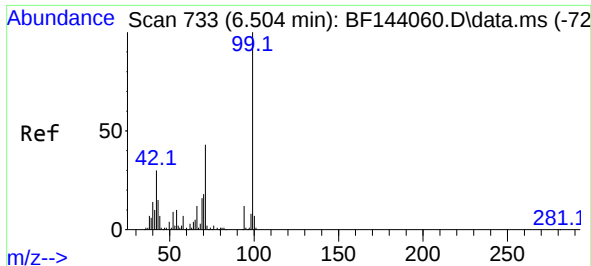
Tgt Ion:152 Resp: 59068
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.4 186.6
 115 65.8 49.4 74.0



#5
 2-Fluorophenol
 Concen: 83.192 ng
 RT: 5.493 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF144132.D
 Acq: 29 Oct 2025 17:02

Tgt Ion:112 Resp: 310598
 Ion Ratio Lower Upper
 112 100
 64 61.7 49.8 74.8
 63 32.3 27.4 41.2

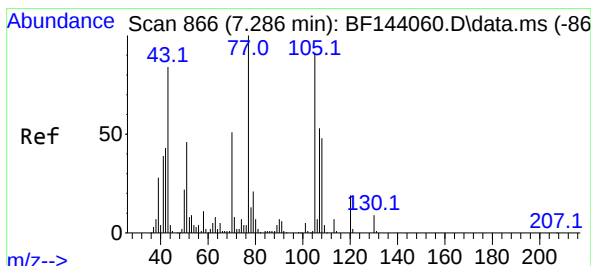
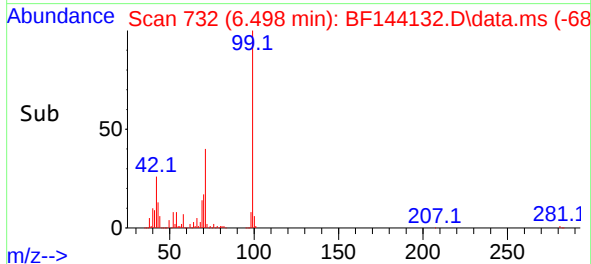
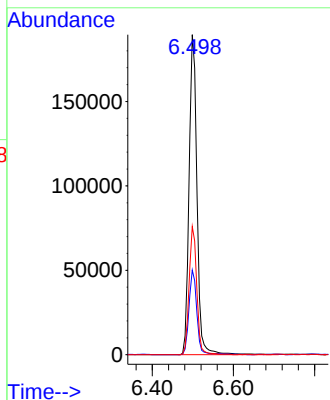
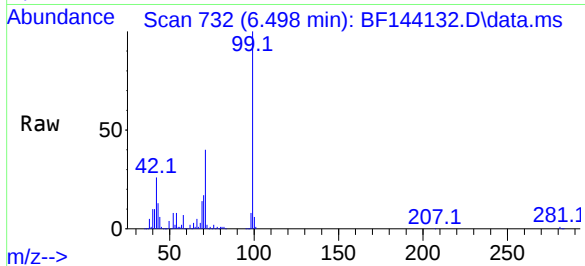




#7
Phenol-d6
Concen: 61.966 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

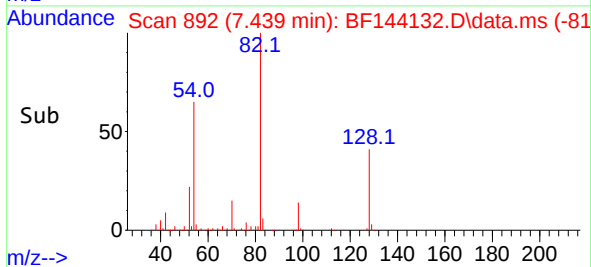
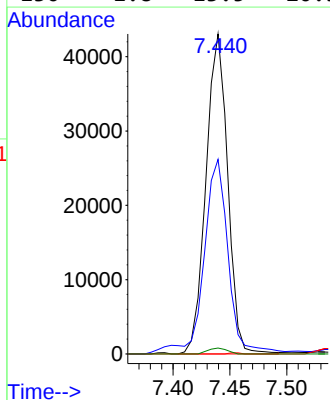
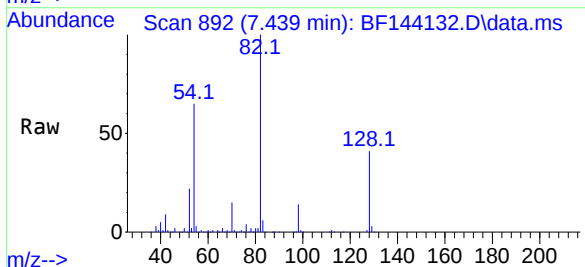
Instrument :
BNA_F
ClientSampleId :
PR132-WC2-20251022

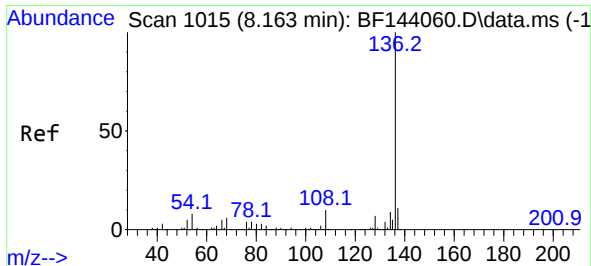
Tgt Ion: 99 Resp: 255503
Ion Ratio Lower Upper
99 100
42 26.5 23.9 35.9
71 40.1 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 21.501 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.153 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

Tgt Ion: 70 Resp: 57330
Ion Ratio Lower Upper
70 100
42 60.8 67.4 101.0#
101 0.0 7.1 10.7#
130 1.8 13.5 20.3#



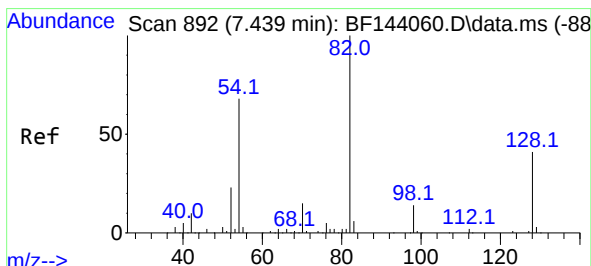
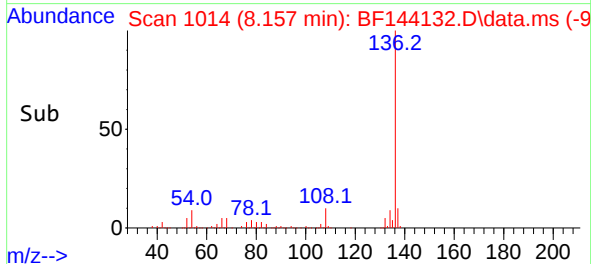
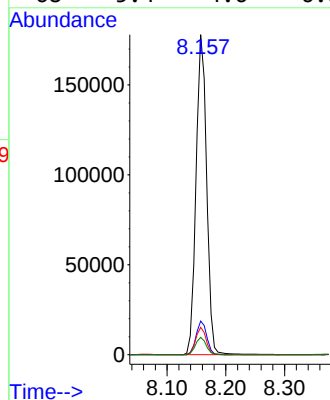
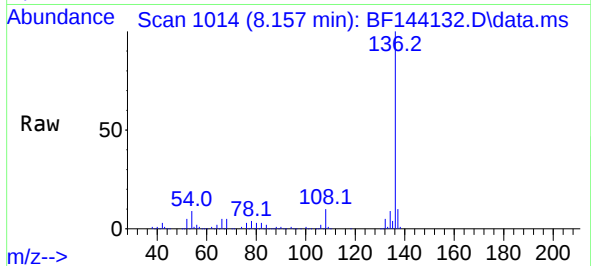


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :
PR132-WC2-20251022

Tgt Ion:136 Resp: 222374

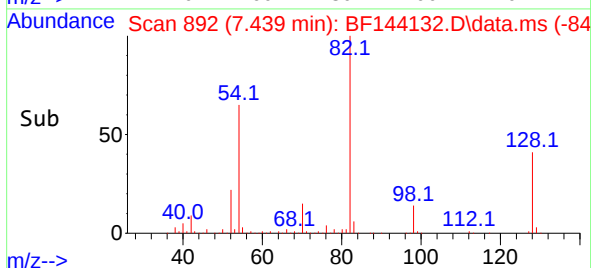
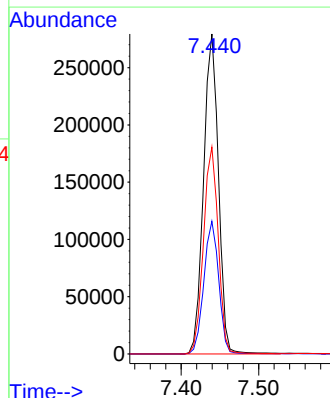
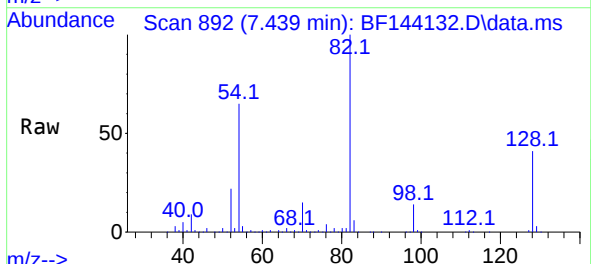
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.6	6.6	9.8
68	5.4	4.6	6.8

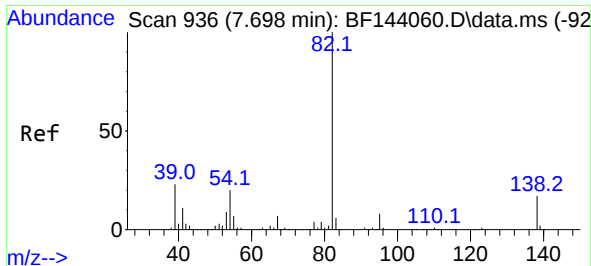


#23
Nitrobenzene-d5
Concen: 92.069 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

Tgt Ion: 82 Resp: 373695

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.4	48.6
54	64.6	54.0	81.0

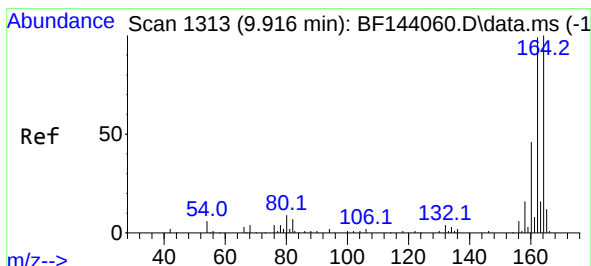
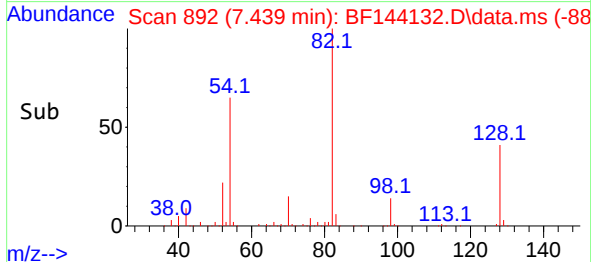
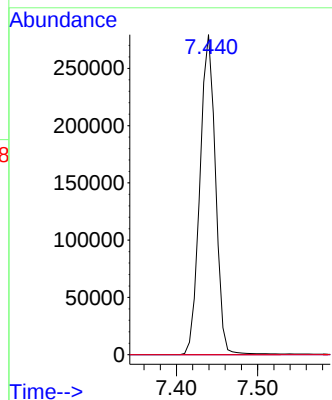
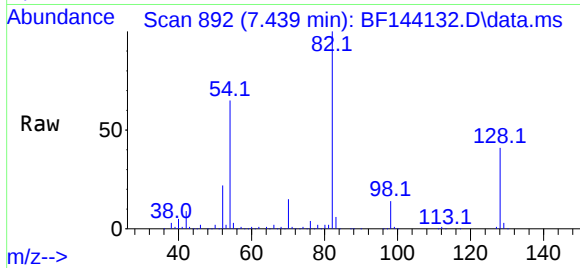




#25
Isophorone
Concen: 52.661 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.259 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

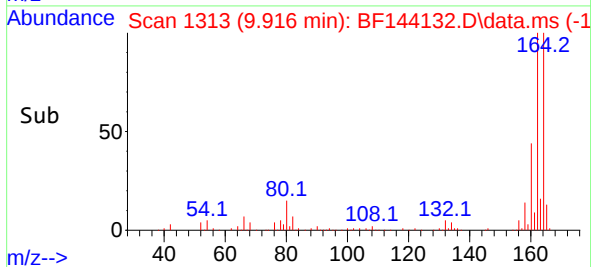
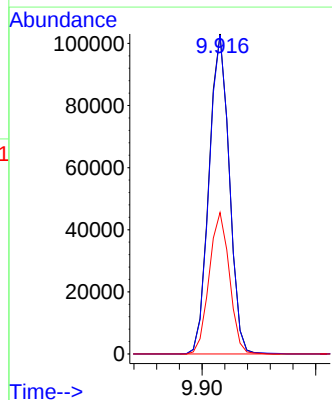
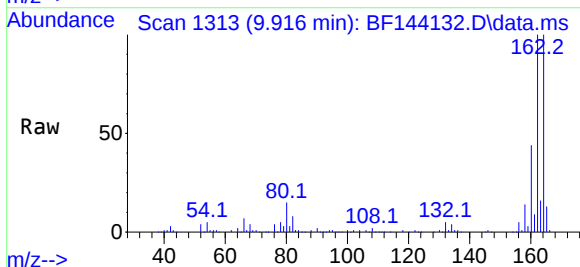
Instrument :
BNA_F
ClientSampleId :
PR132-WC2-20251022

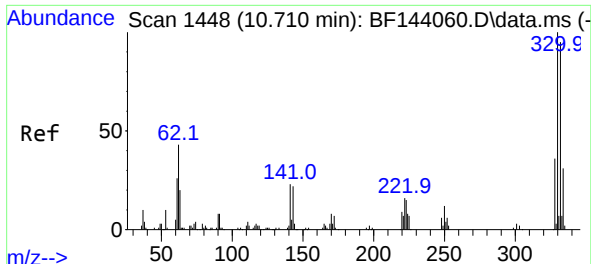
Tgt Ion: 82 Resp: 373693
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

Tgt Ion:164 Resp: 127295
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 44.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 137.969 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144132.D

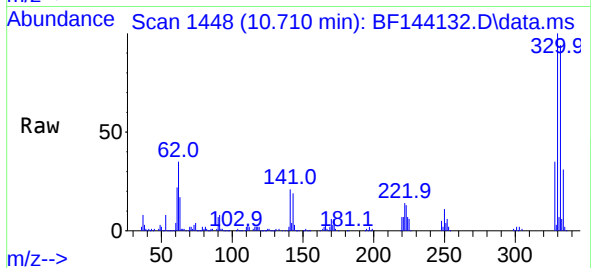
Acq: 29 Oct 2025 17:02

Instrument :

BNA_F

ClientSampleId :

PR132-WC2-20251022



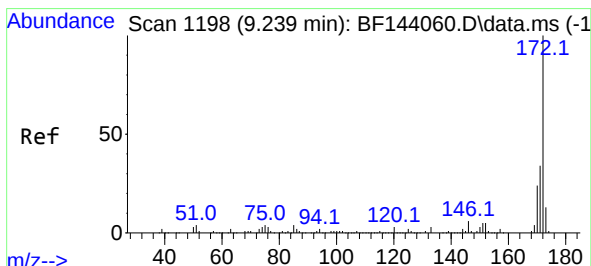
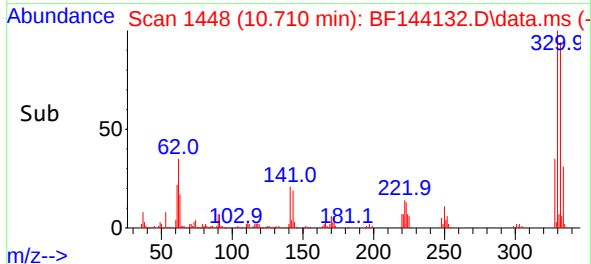
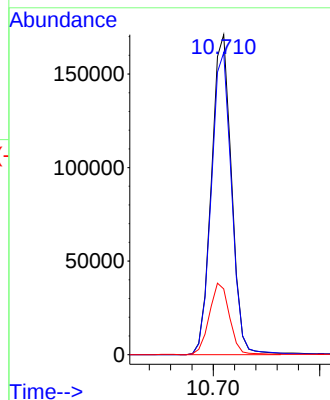
Tgt Ion:330 Resp: 223716

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 22.7 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 86.881 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144132.D

Acq: 29 Oct 2025 17:02

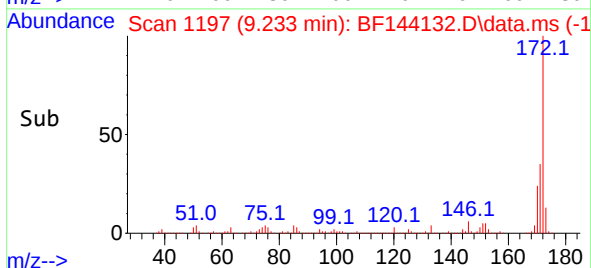
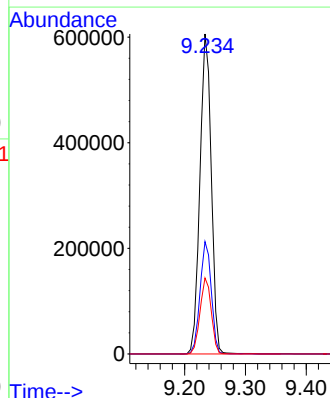
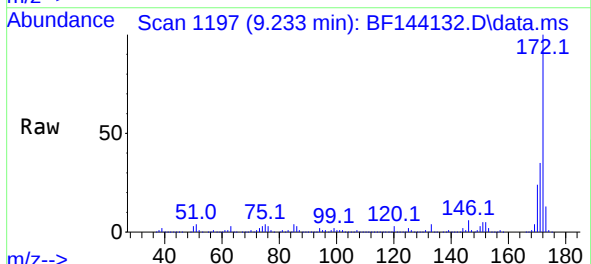
Tgt Ion:172 Resp: 785918

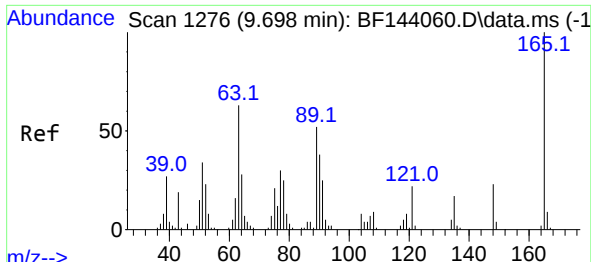
Ion Ratio Lower Upper

172 100

171 35.1 27.5 41.3

170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 10.024 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF144132.D

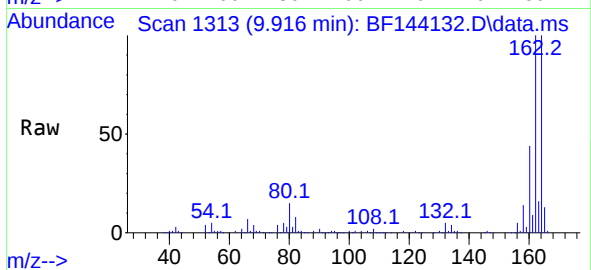
Acq: 29 Oct 2025 17:02

Instrument :

BNA_F

ClientSampleId :

PR132-WC2-20251022



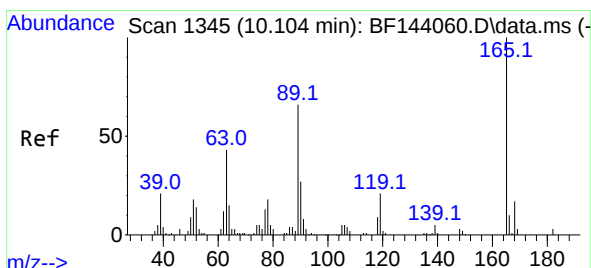
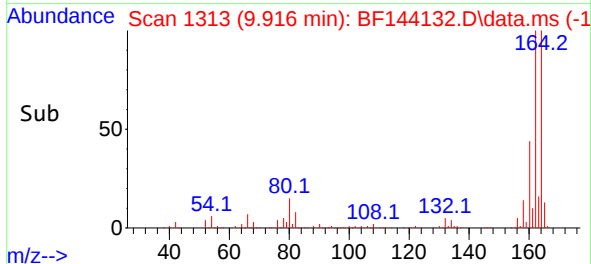
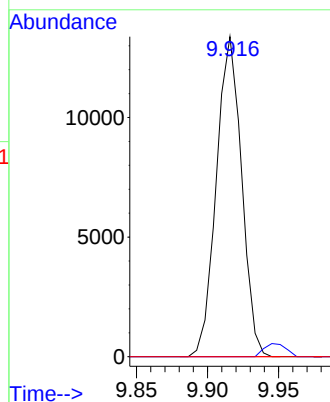
Tgt Ion:165 Resp: 16534

Ion Ratio Lower Upper

165 100

63 0.0 50.4 75.6#

89 0.0 41.4 62.2#



#57

2,4-Dinitrotoluene

Concen: 7.427 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.188 min

Lab File: BF144132.D

Acq: 29 Oct 2025 17:02

Tgt Ion:165 Resp: 16534

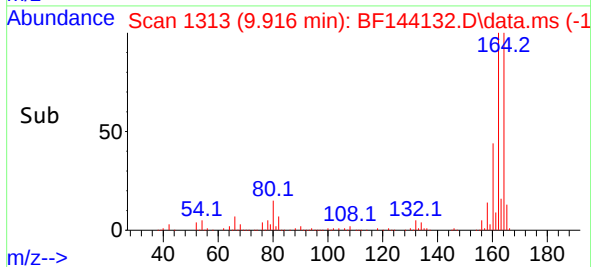
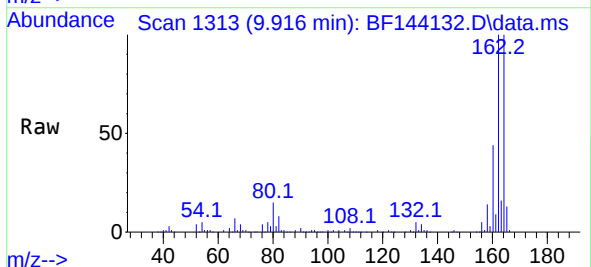
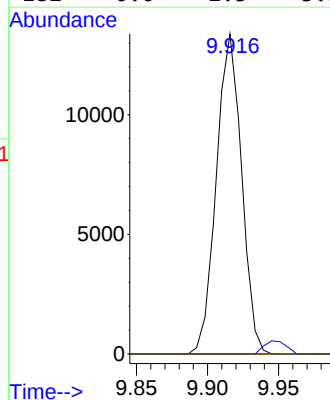
Ion Ratio Lower Upper

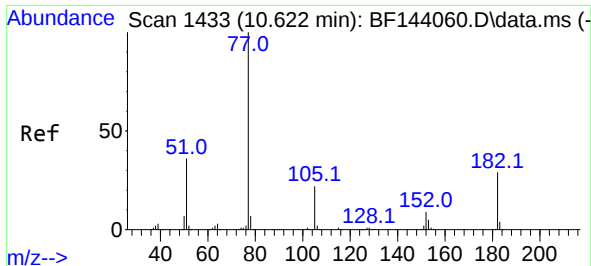
165 100

63 0.0 35.4 53.2#

89 0.0 52.7 79.1#

182 0.0 2.3 3.5#

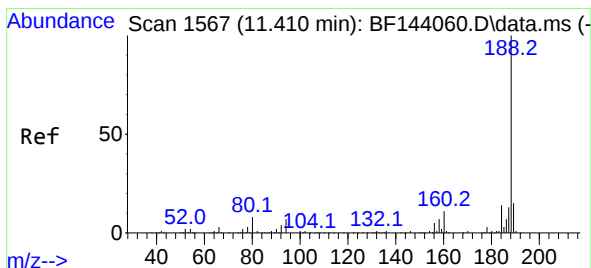
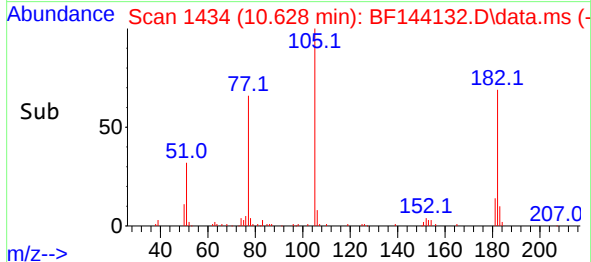
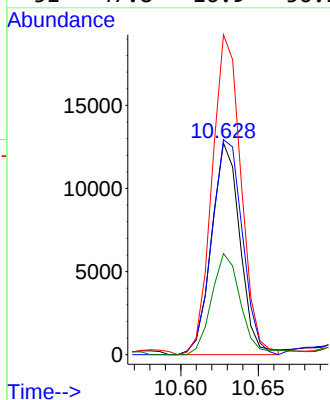
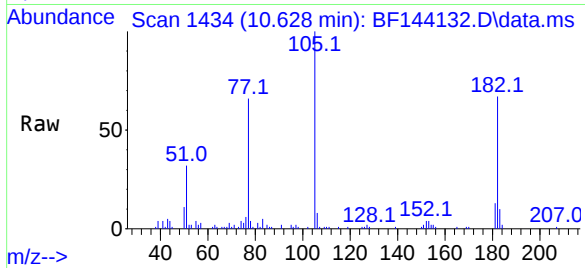




#63
Azobenzene
Concen: 2.194 ng
RT: 10.628 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

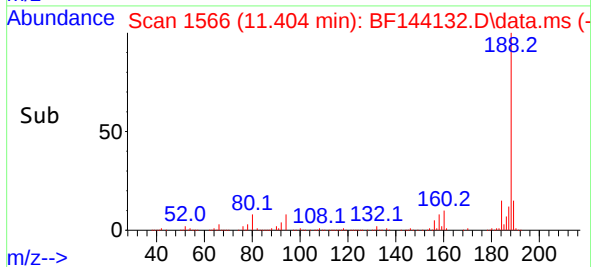
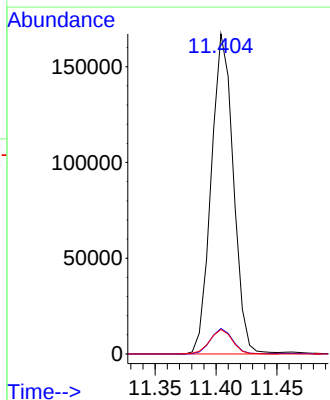
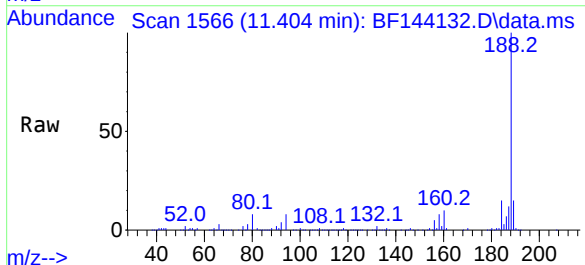
Instrument :
BNA_F
ClientSampleId :
PR132-WC2-20251022

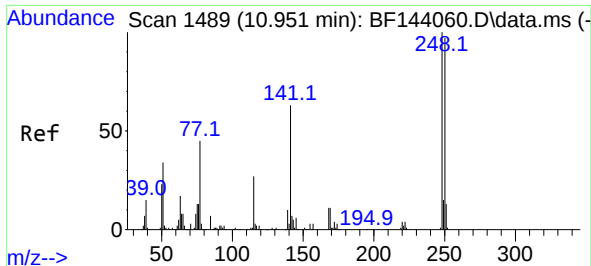
Tgt Ion: 77	Resp: 16295
Ion Ratio	Lower Upper
77 100	
182 101.6	9.0 49.0#
105 151.2	1.4 41.4#
51 47.8	16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

Tgt Ion: 188	Resp: 211645
Ion Ratio	Lower Upper
188 100	
94 7.9	5.4 8.0
80 7.7	6.0 9.0

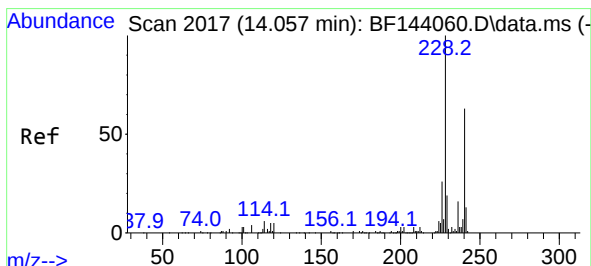
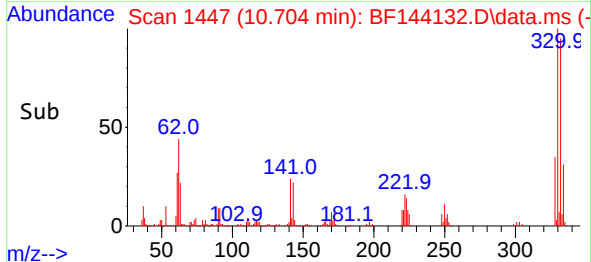
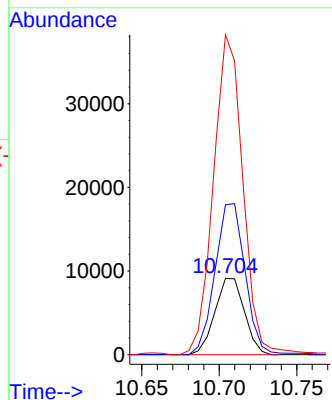
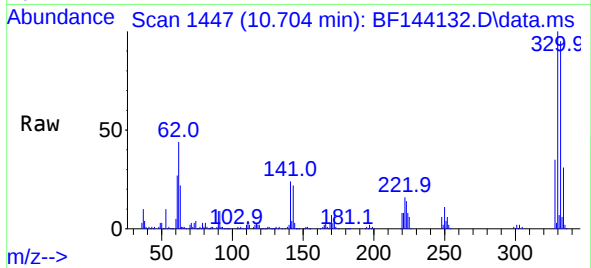




#67
4-Bromophenyl-phenylether
Concen: 4.568 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

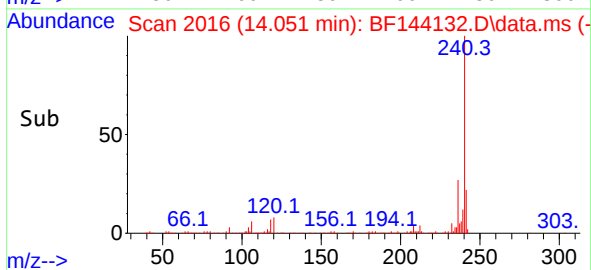
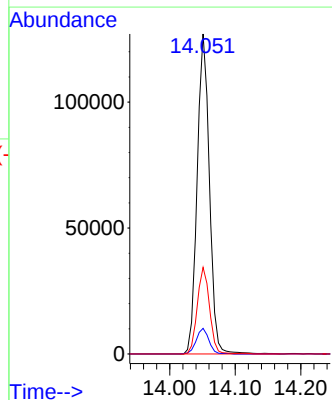
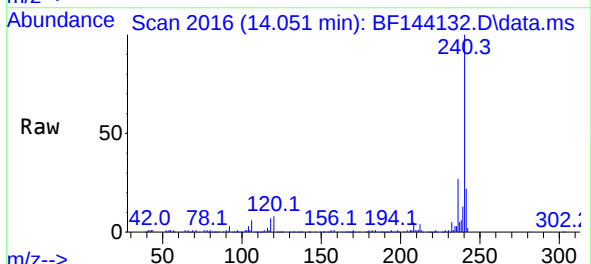
Instrument :
BNA_F
ClientSampleId :
PR132-WC2-20251022

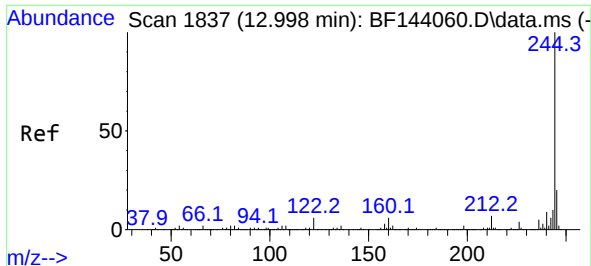
Tgt Ion:248 Resp: 12105
Ion Ratio Lower Upper
248 100
250 196.4 77.8 116.6#
141 419.2 50.5 75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

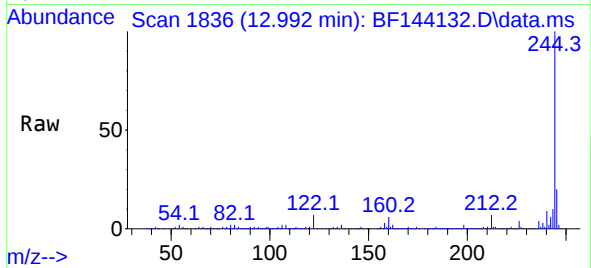
Tgt Ion:240 Resp: 165479
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 27.0 20.1 30.1



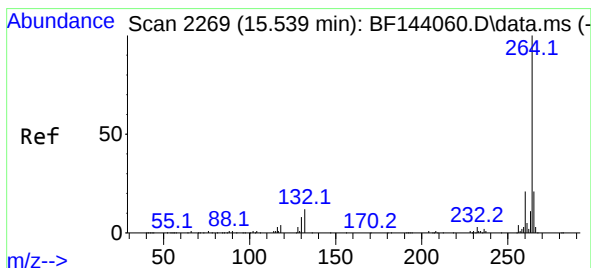
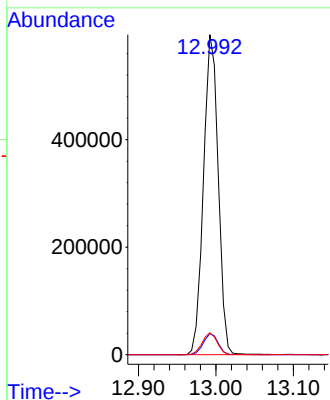
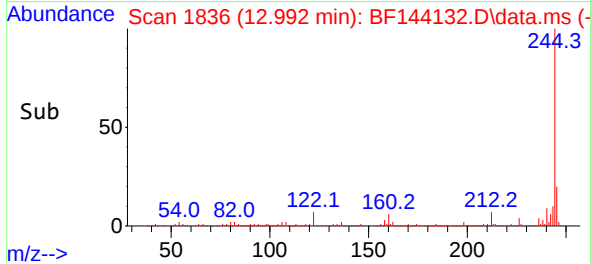


#79
Terphenyl-d14
Concen: 82.866 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

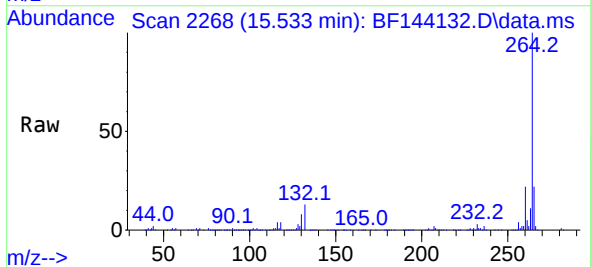
Instrument :
BNA_F
ClientSampleId :
PR132-WC2-20251022



Tgt Ion:244 Resp: 784373
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 6.8 4.9 7.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02



Tgt Ion:264 Resp: 206243
Ion Ratio Lower Upper
264 100
260 22.4 17.0 25.4
265 22.5 16.6 24.8

