

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139871.D
 Acq On : 19 Oct 2024 14:59
 Operator : RC/JU
 Sample : P4426-39
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CURBS-AND-OTHER

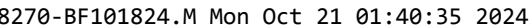
Quant Time: Oct 21 01:40:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	195900	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	753548	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	418416	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	677607	20.000	ng	0.00
76) Chrysene-d12	14.045	240	365941	20.000	ng	0.00
86) Perylene-d12	15.527	264	394368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	119357	9.538	ng	0.00
7) Phenol-d6	6.498	99	325325	20.073	ng	-0.01
23) Nitrobenzene-d5	7.445	82	460169	33.846	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	21736	5.554	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1005887	39.731	ng	0.00
79) Terphenyl-d14	12.992	244	905220	40.308	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	61457	6.252	ng	# 79
25) Isophorone	7.445	82	459370	17.801	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	54144	9.595	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	54144	7.802	ng	# 21
63) Azobenzene	10.634	77	77159	2.844	ng	# 1

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

Quant Time: Oct 21 01:40:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
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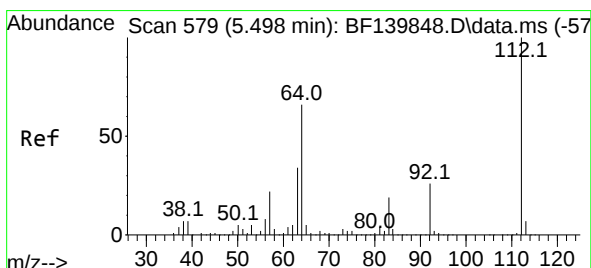
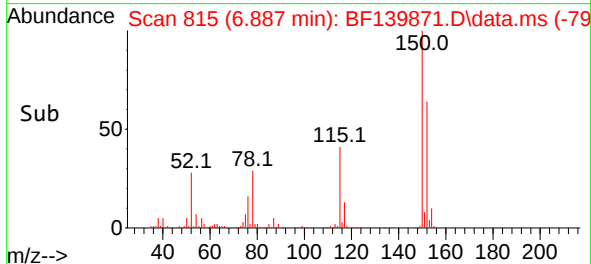
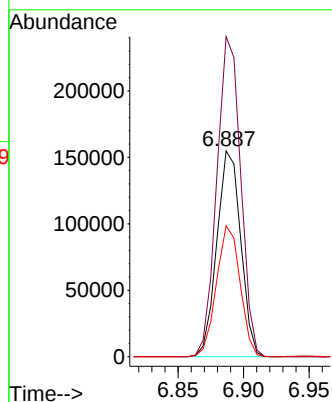
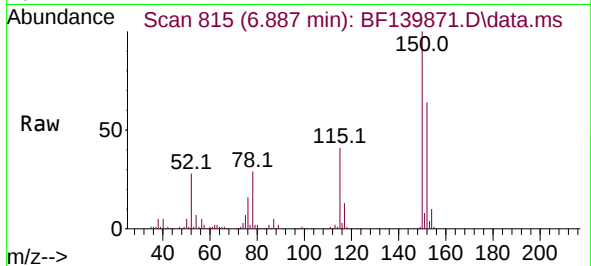




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

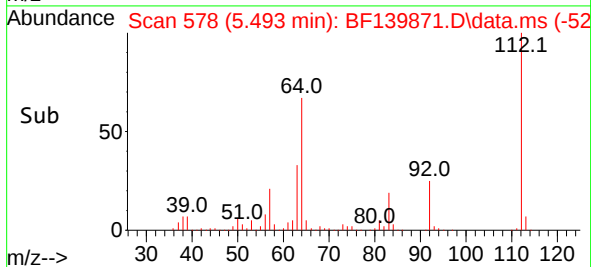
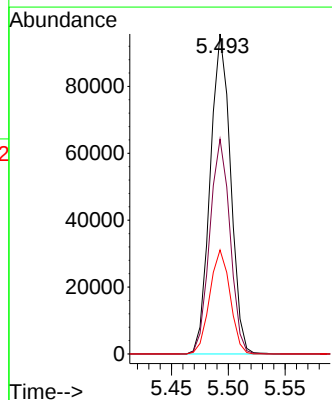
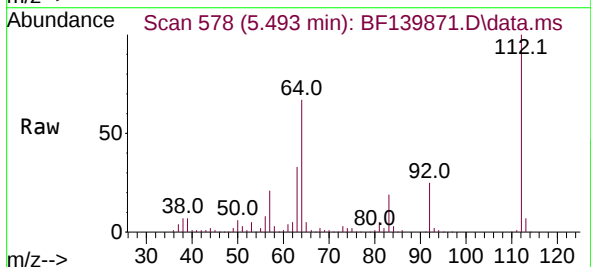
Instrument :
BNA_F
ClientSampleId :
CURBS-AND-OTHER

Tgt Ion:152 Resp: 195900
Ion Ratio Lower Upper
152 100
150 155.5 130.2 195.2
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 9.538 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

Tgt Ion:112 Resp: 119357
Ion Ratio Lower Upper
112 100
64 67.2 53.0 79.6
63 32.5 27.0 40.4

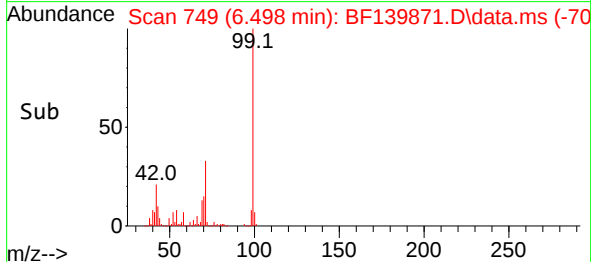
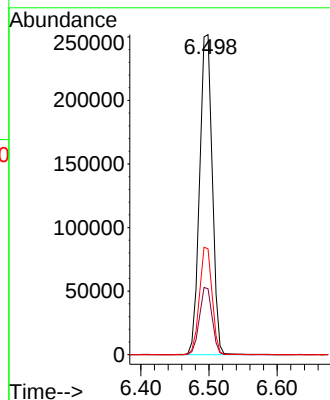
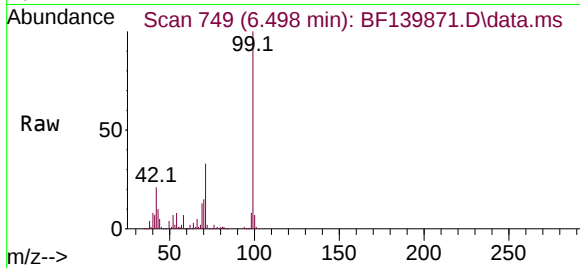




#7
Phenol-d6
Concen: 20.073 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

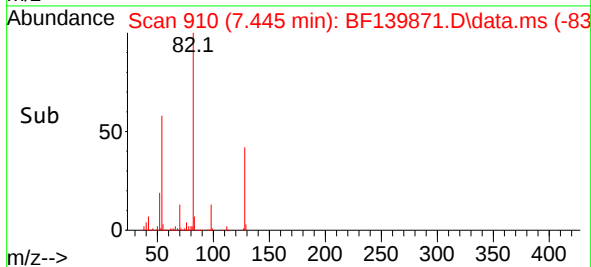
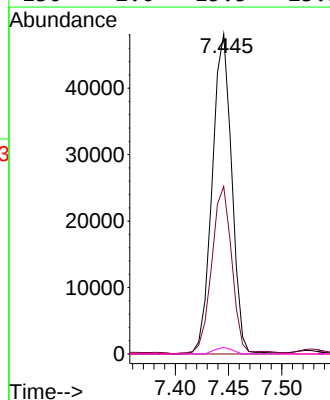
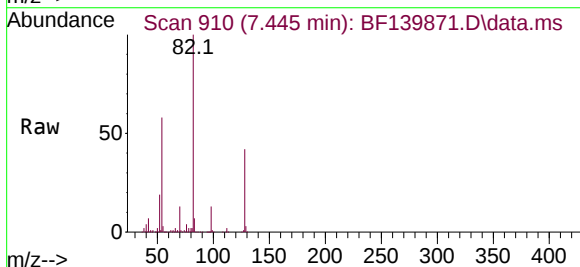
Instrument :
BNA_F
ClientSampleId :
CURBS-AND-OTHER

Tgt Ion: 99 Resp: 325325
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 33.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 6.252 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

Tgt Ion: 70 Resp: 61457
Ion Ratio Lower Upper
70 100
42 52.3 51.5 77.3
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

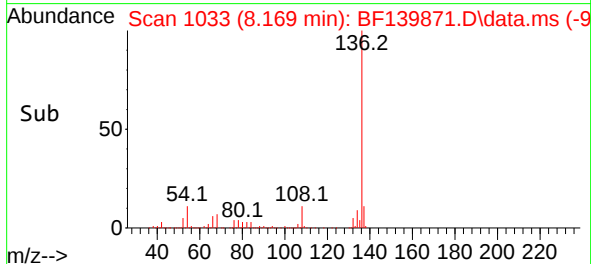
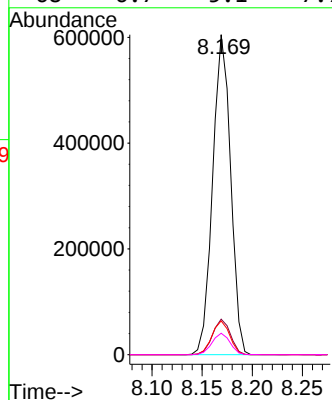
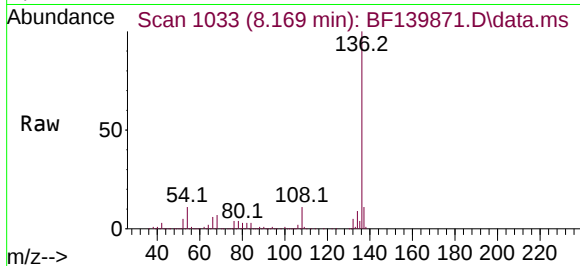




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

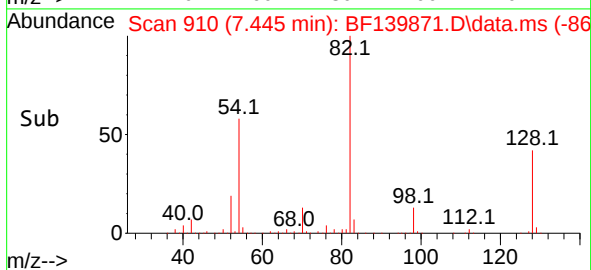
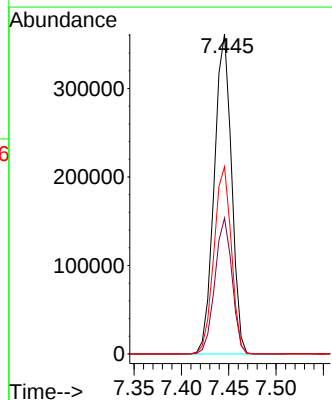
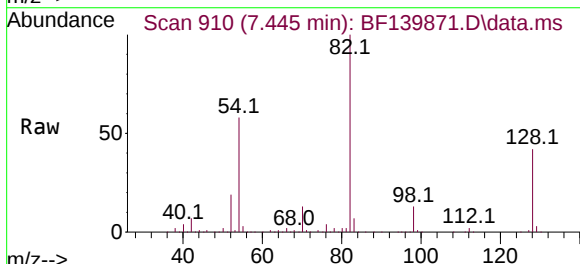
Instrument :
BNA_F
ClientSampleId :
CURBS-AND-OTHER

Tgt Ion:	136	Resp:	753548
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.5	8.4	12.6
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 33.846 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

Tgt Ion:	82	Resp:	460169
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	58.5	47.8	71.8

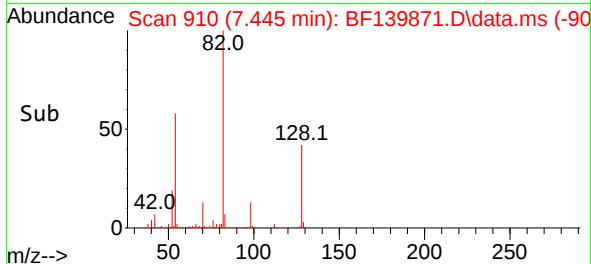
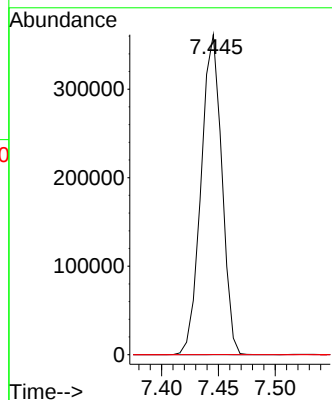
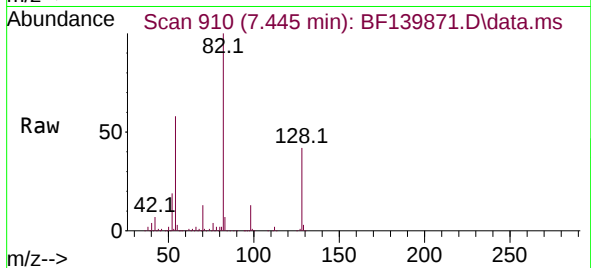




#25
Isophorone
Concen: 17.801 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

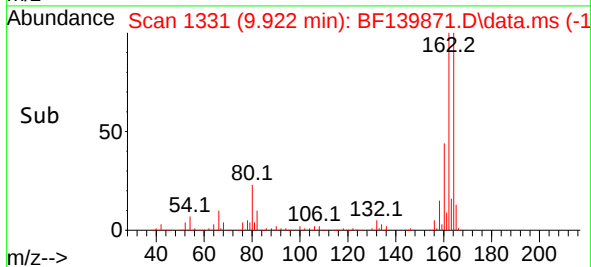
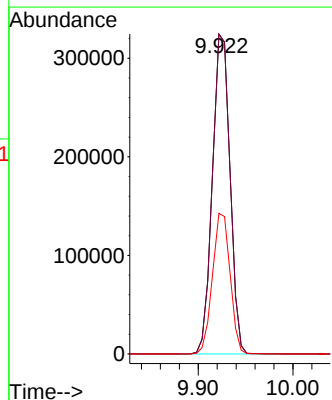
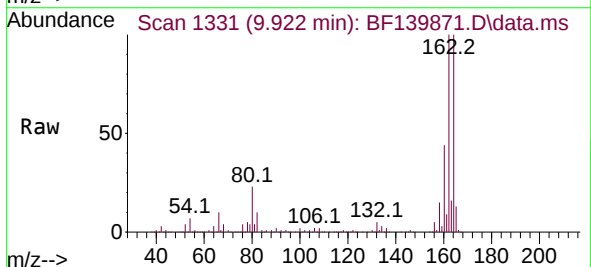
Instrument :
BNA_F
ClientSampleId :
CURBS-AND-OTHER

Tgt Ion: 82 Resp: 459370
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

Tgt Ion:164 Resp: 418416
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 5.554 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139871.D

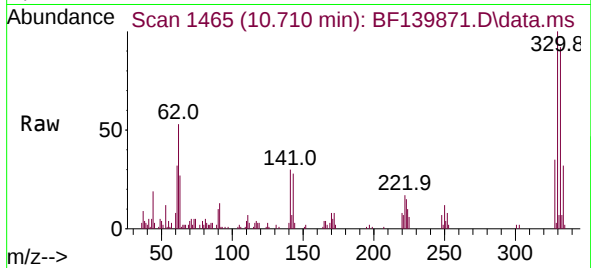
Acq: 19 Oct 2024 14:59

Instrument :

BNA_F

ClientSampleId :

CURBS-AND-OTHER



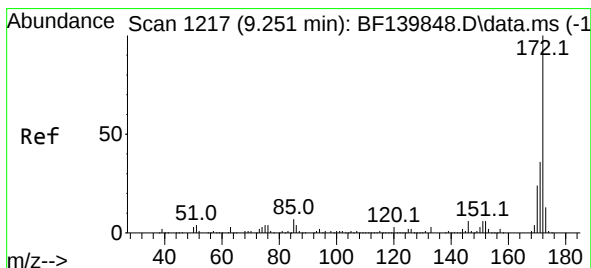
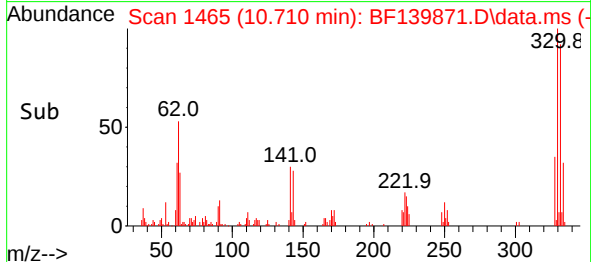
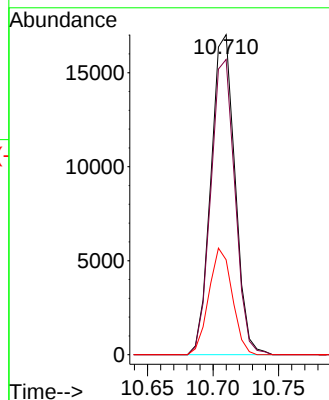
Tgt Ion:330 Resp: 21736

Ion Ratio Lower Upper

330 100

332 92.3 78.1 117.1

141 32.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 39.731 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139871.D

Acq: 19 Oct 2024 14:59

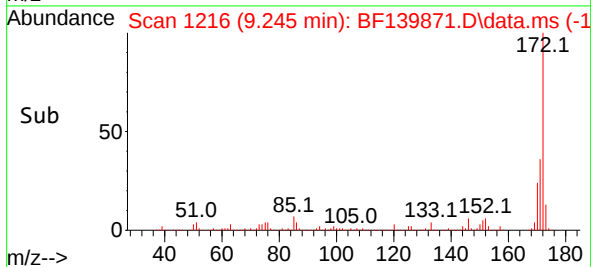
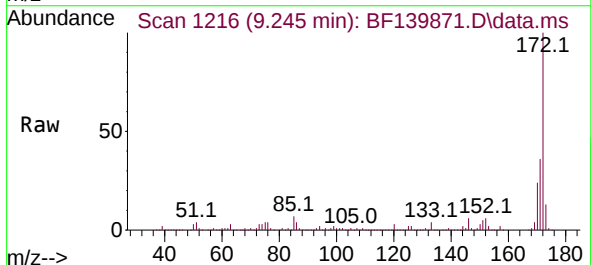
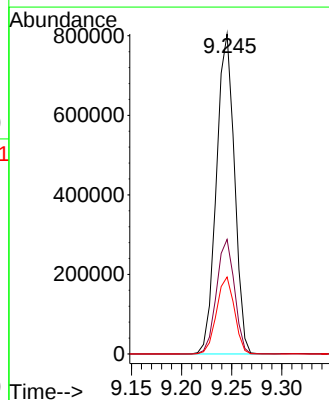
Tgt Ion:172 Resp: 1005887

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.1 19.1 28.7

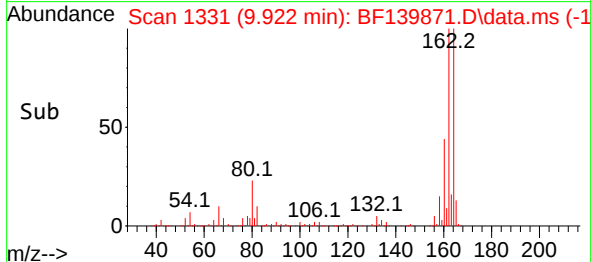
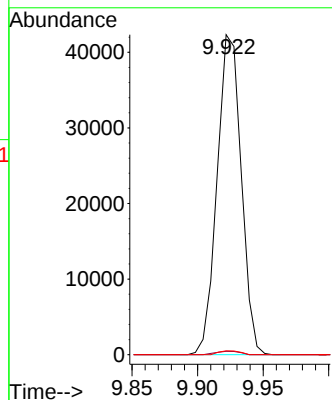
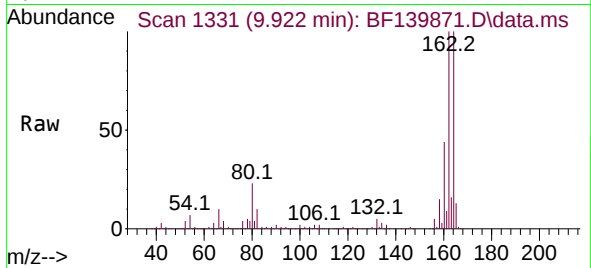




#51
2,6-Dinitrotoluene
Concen: 9.595 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

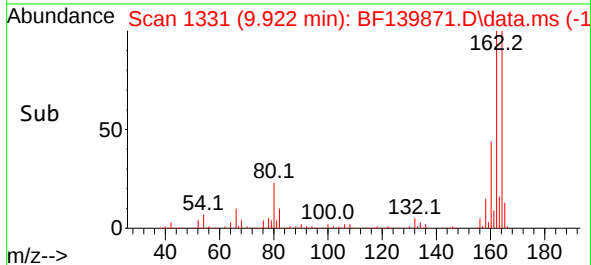
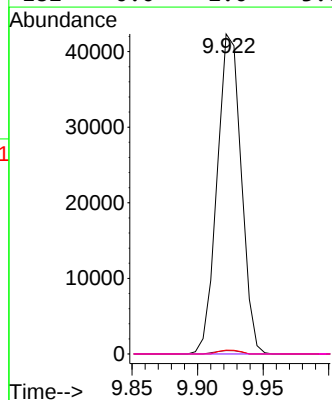
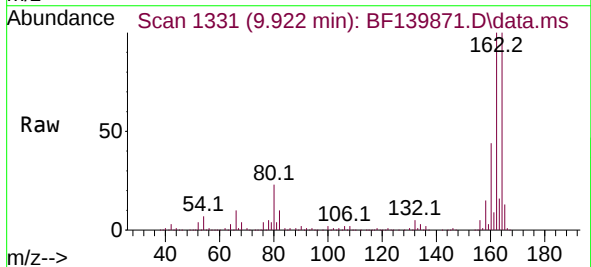
Instrument :
BNA_F
ClientSampleId :
CURBS-AND-OTHER

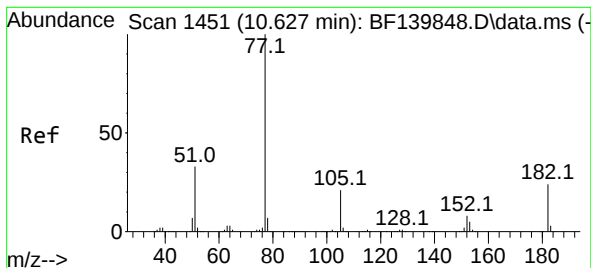
Tgt Ion:165 Resp: 54144
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.802 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

Tgt Ion:165 Resp: 54144
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.844 ng

RT: 10.634 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139871.D

Acq: 19 Oct 2024 14:59

Instrument :

BNA_F

ClientSampleId :

CURBS-AND-OTHER

Tgt Ion: 77 Resp: 77159

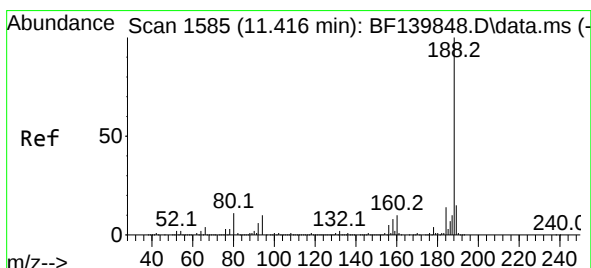
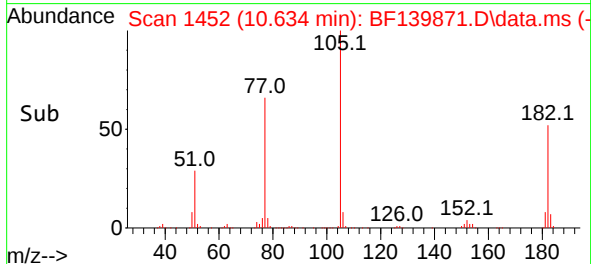
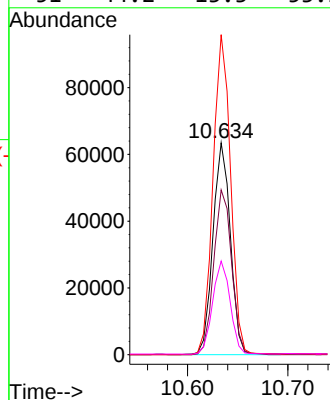
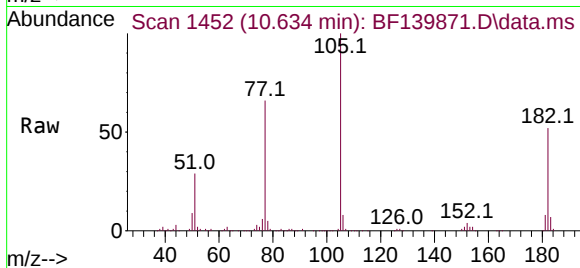
Ion Ratio Lower Upper

77 100

182 77.8 3.3 43.3#

105 151.1 1.2 41.2#

51 44.2 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139871.D

Acq: 19 Oct 2024 14:59

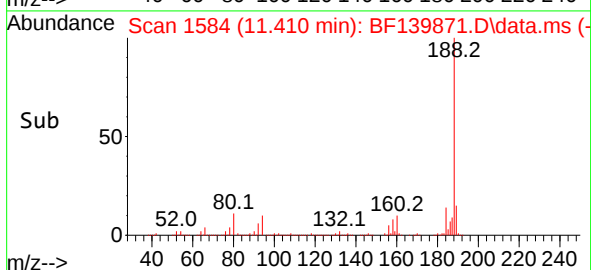
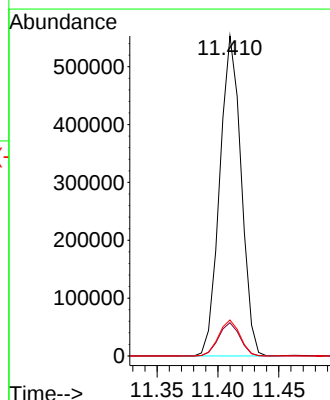
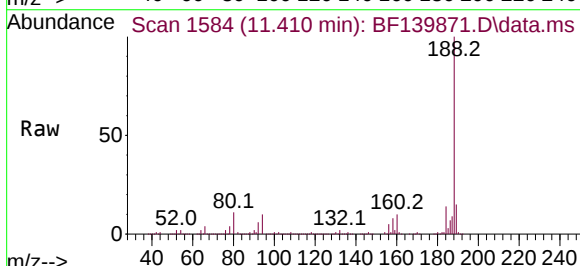
Tgt Ion:188 Resp: 677607

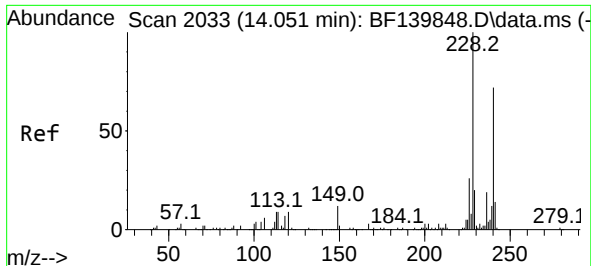
Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.3 9.0 13.4

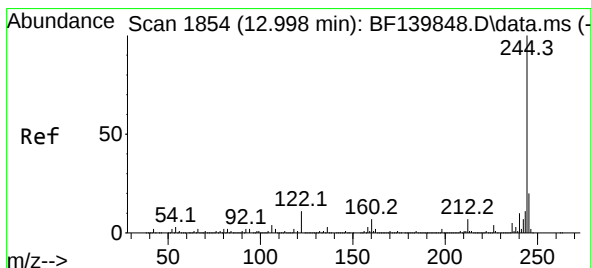
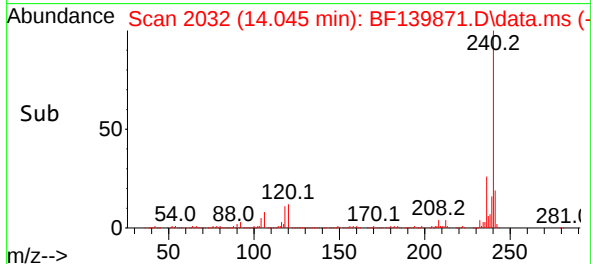
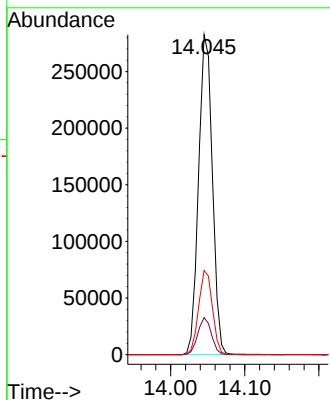
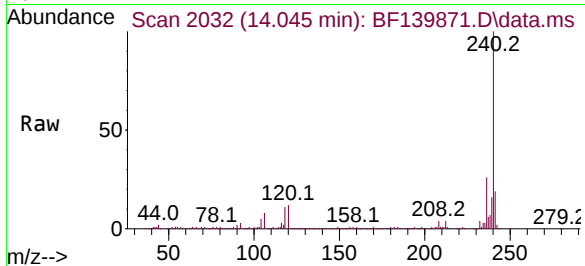




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

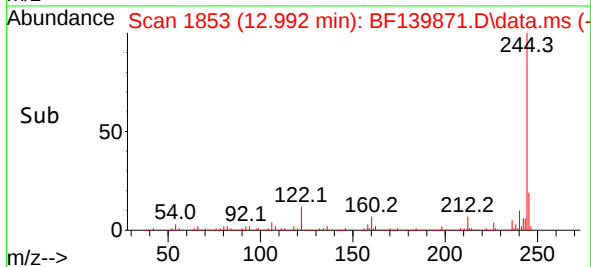
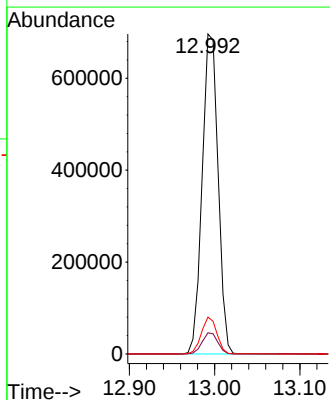
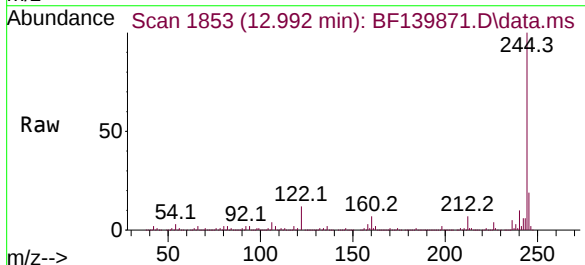
Instrument :
BNA_F
ClientSampleId :
CURBS-AND-OTHER

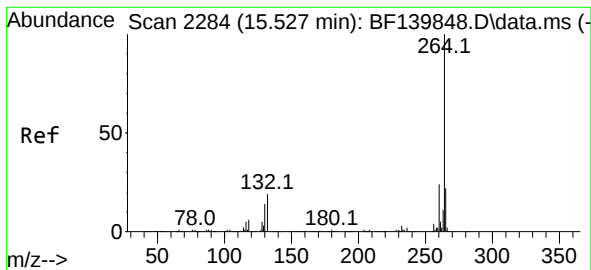
Tgt Ion:240 Resp: 365941
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 26.3 20.9 31.3



#79
Terphenyl-d14
Concen: 40.308 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

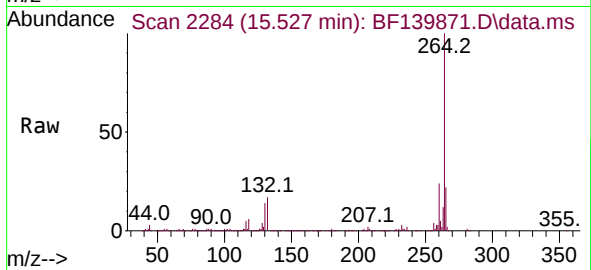
Tgt Ion:244 Resp: 905220
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 11.5 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139871.D
 Acq: 19 Oct 2024 14:59

Instrument :
 BNA_F
 ClientSampleId :
 CURBS-AND-OTHER



Tgt Ion:264 Resp: 394368
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.7 17.4 26.0

