

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136536.D
 Acq On : 13 Dec 2023 14:09
 Operator : CG\JU
 Sample : 05737-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-12082023

Quant Time: Dec 13 14:48:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

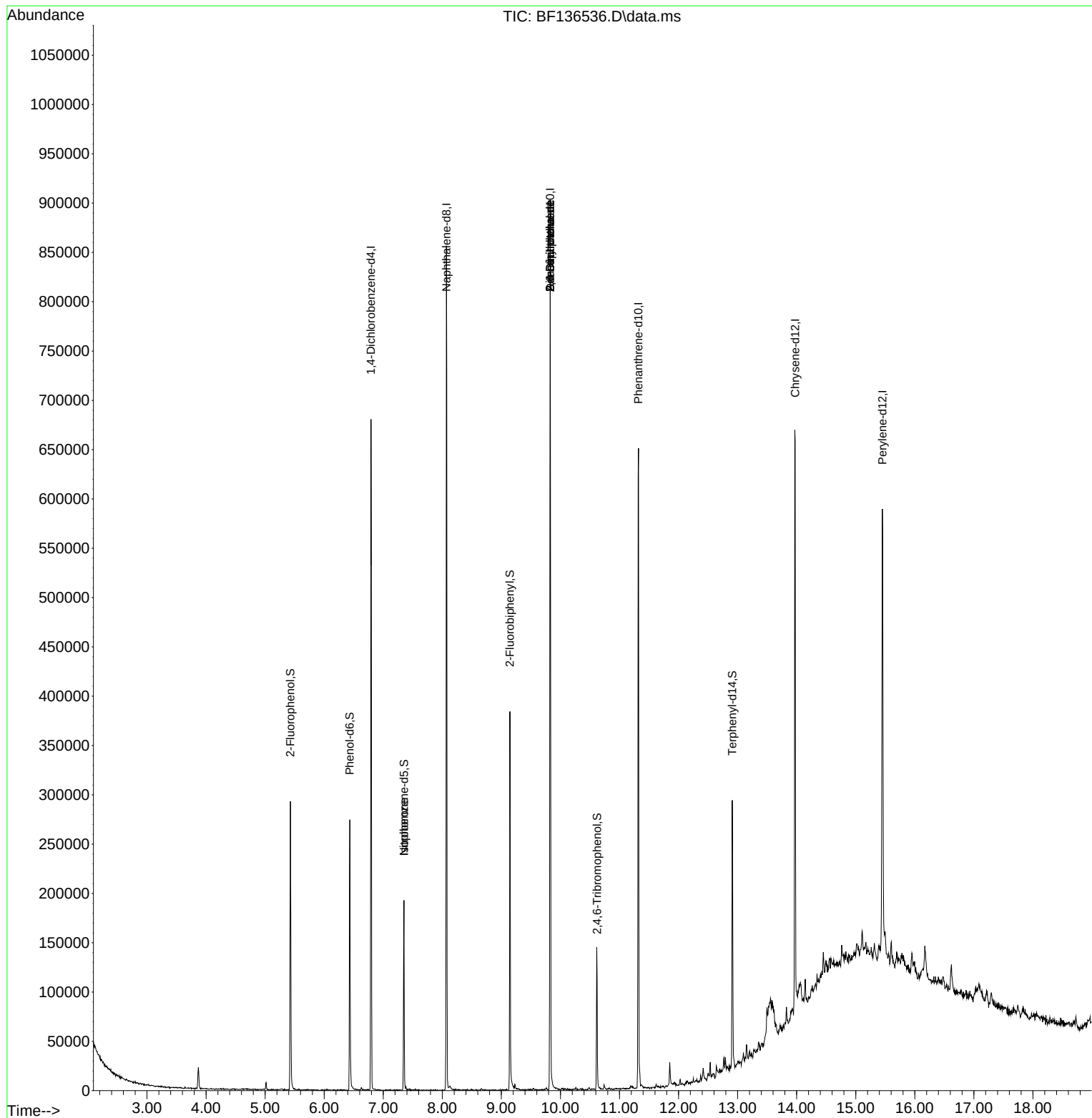
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	100952	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	371393	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	172988	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	260153	20.000	ng	0.00
76) Chrysene-d12	13.974	240	209750	20.000	ng	0.00
86) Perylene-d12	15.451	264	214542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	79789	11.672	ng	0.00
7) Phenol-d6	6.434	99	96490	11.314	ng	-0.01
23) Nitrobenzene-d5	7.351	82	56356	8.203	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	19741	9.255	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	115386	9.101	ng	-0.02
79) Terphenyl-d14	12.910	244	94627	5.946	ng	-0.01
Target Compounds						
					Qvalue	
25) Isophorone	7.351	82	56355	4.566	ng	# 65
50) Dimethylphthalate	9.828	163	32488	2.551	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	22579	7.880	ng	# 29
57) 2,4-Dinitrotoluene	9.828	165	22580	5.957	ng	# 28
77) Benzidine	12.698	184	63	Below Cal		# 1

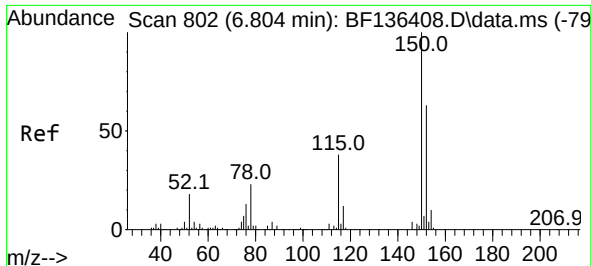
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

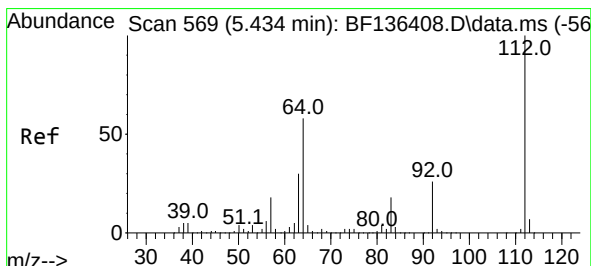
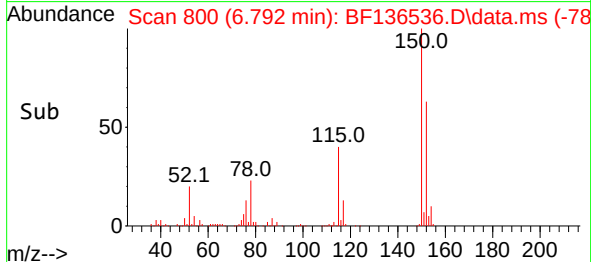
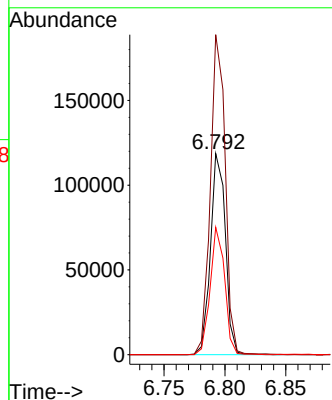
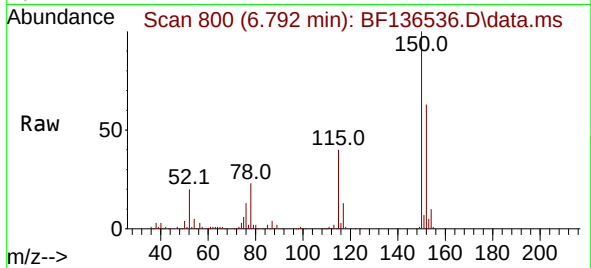




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

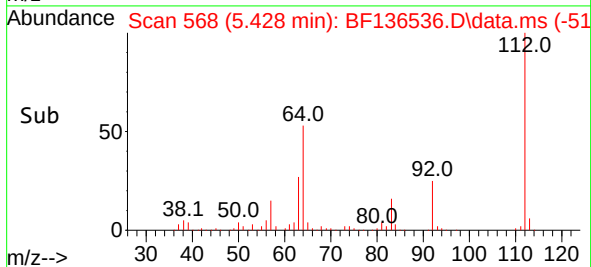
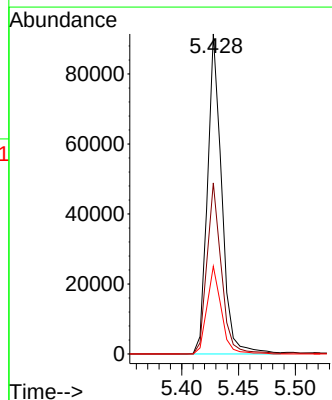
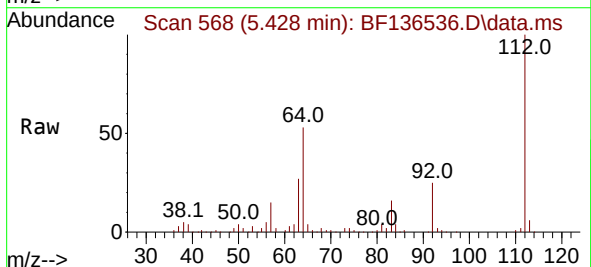
Instrument :
BNA_F
ClientSampleId :
SU-02-12082023

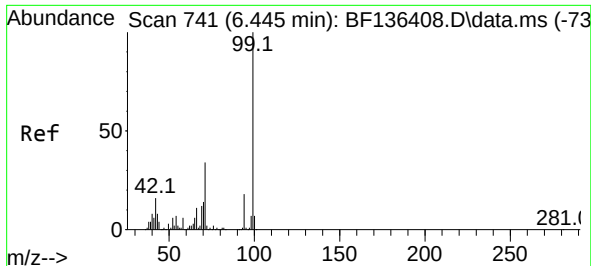
Tgt Ion:152 Resp: 100952
Ion Ratio Lower Upper
152 100
150 159.1 126.4 189.6
115 63.3 48.2 72.4



#5
2-Fluorophenol
Concen: 11.672 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

Tgt Ion:112 Resp: 79789
Ion Ratio Lower Upper
112 100
64 53.4 46.5 69.7
63 27.4 23.9 35.9

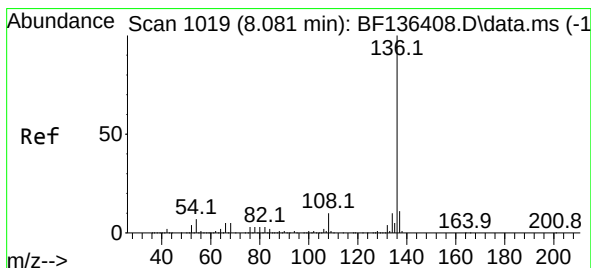
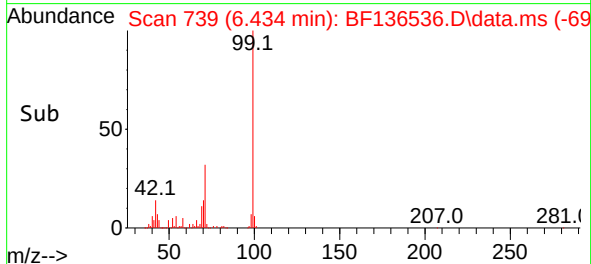
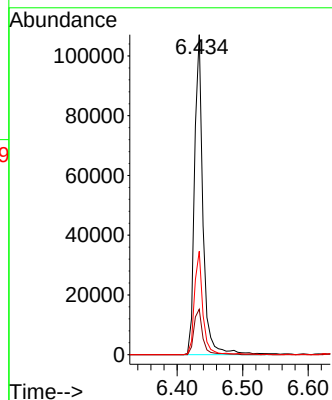
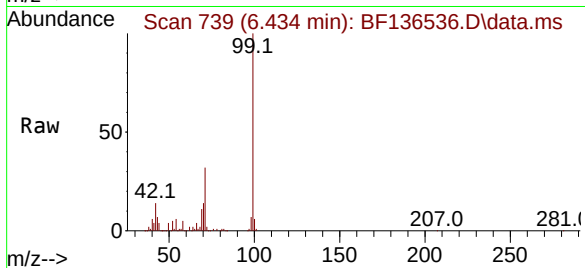




#7
Phenol-d6
Concen: 11.314 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

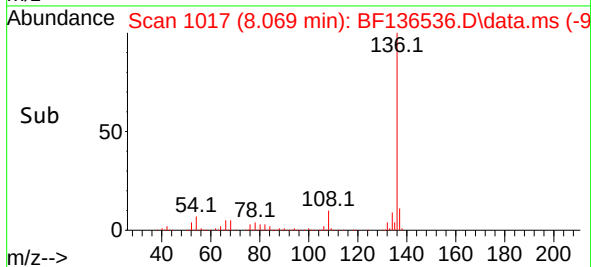
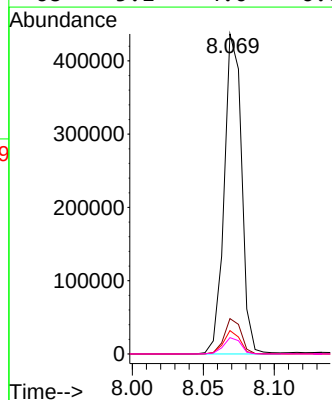
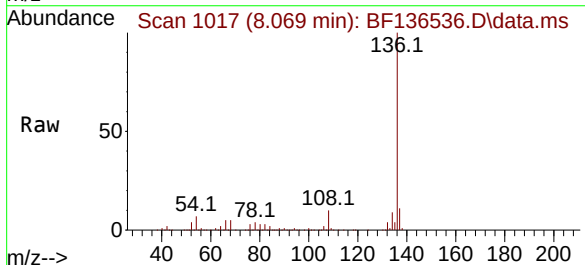
Instrument :
BNA_F
ClientSampleId :
SU-02-12082023

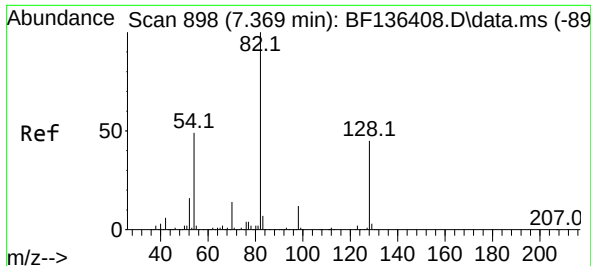
Tgt Ion: 99 Resp: 96490
Ion Ratio Lower Upper
99 100
42 14.2 12.8 19.2
71 32.3 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

Tgt Ion: 136 Resp: 371393
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.3 5.7 8.5
68 5.1 4.0 6.0

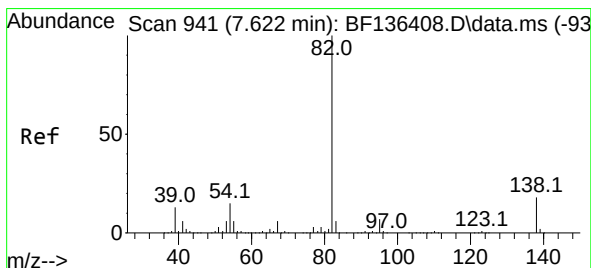
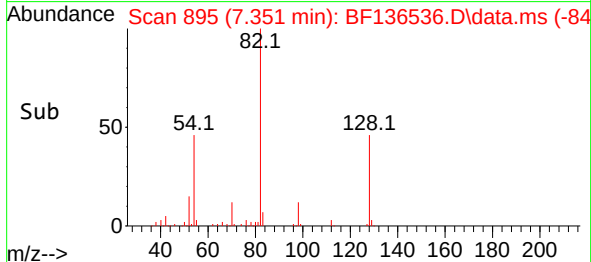
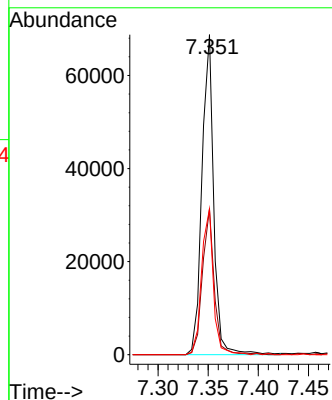
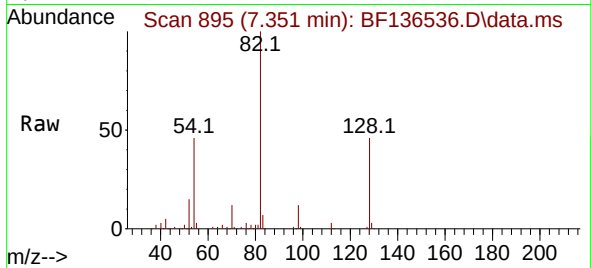




#23
Nitrobenzene-d5
Concen: 8.203 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

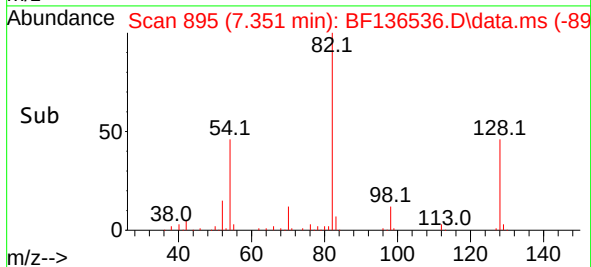
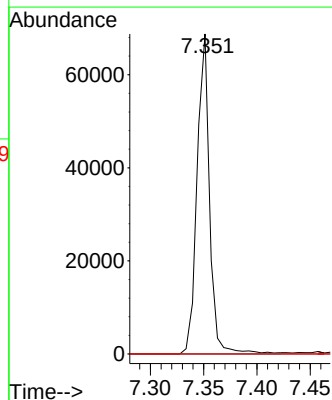
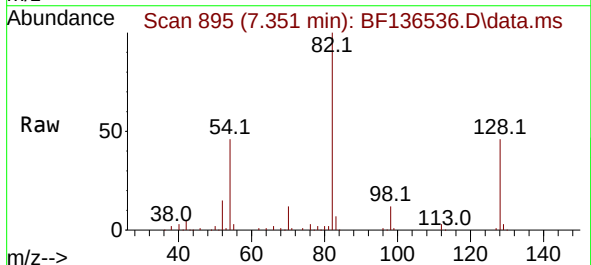
Instrument :
BNA_F
ClientSampleId :
SU-02-12082023

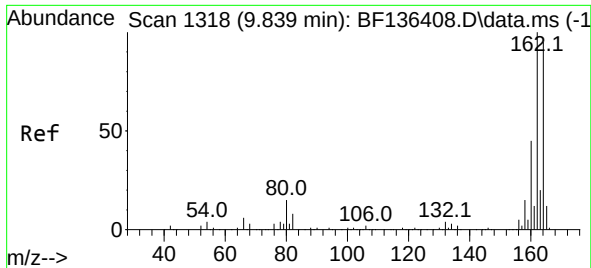
Tgt Ion: 82 Resp: 56356
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 45.6 39.0 58.6



#25
Isophorone
Concen: 4.566 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

Tgt Ion: 82 Resp: 56355
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#

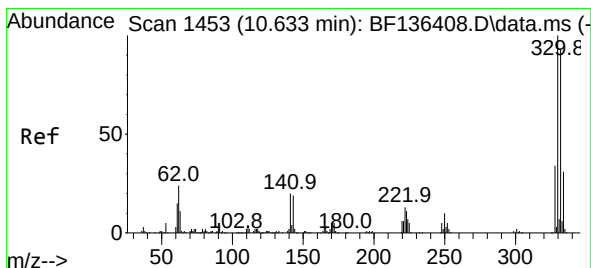
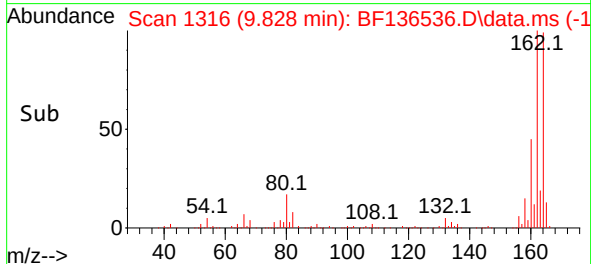
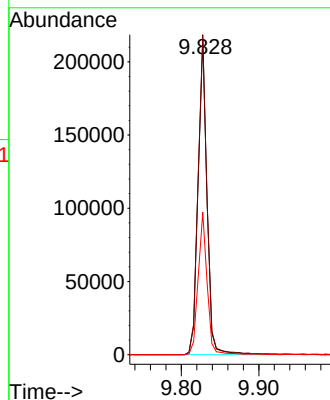
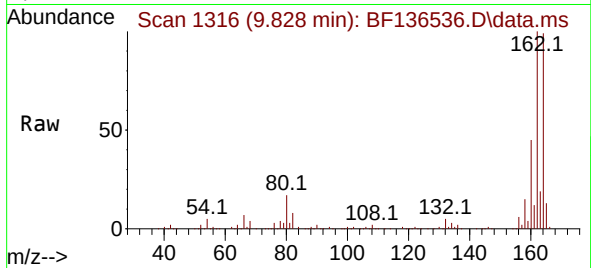




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

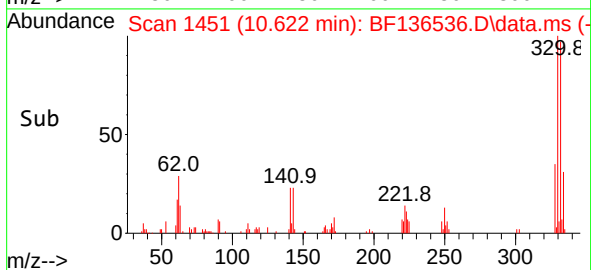
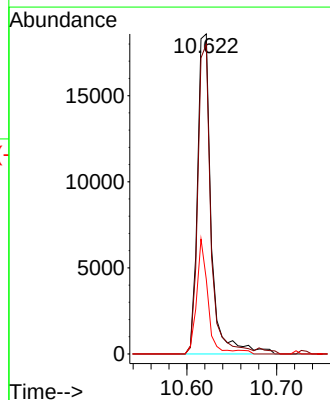
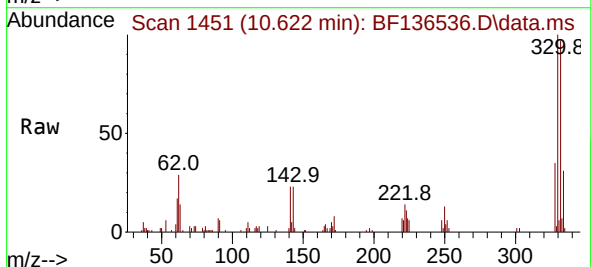
Instrument :
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ClientSampleId :
SU-02-12082023

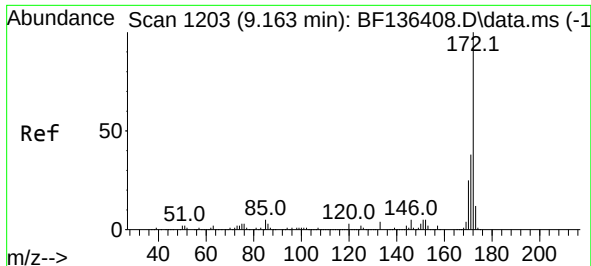
Tgt Ion:164 Resp: 172988
Ion Ratio Lower Upper
164 100
162 101.3 84.4 126.6
160 45.1 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 9.255 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

Tgt Ion:330 Resp: 19741
Ion Ratio Lower Upper
330 100
332 91.8 76.4 114.6
141 28.9 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 9.101 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF136536.D

Acq: 13 Dec 2023 14:09

Instrument :

BNA_F

ClientSampleId :

SU-02-12082023

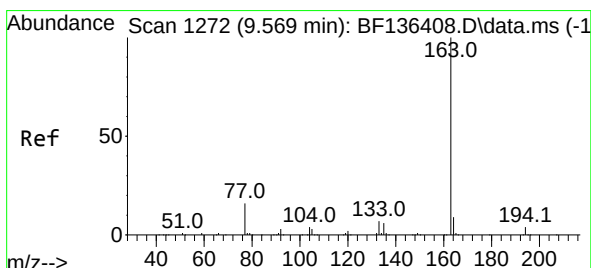
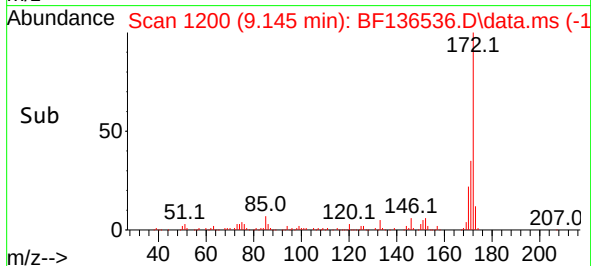
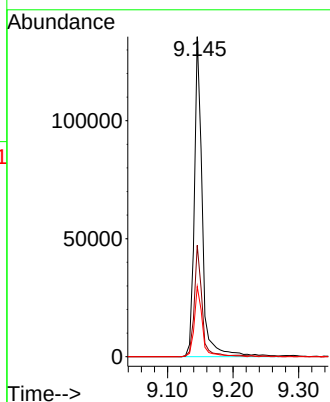
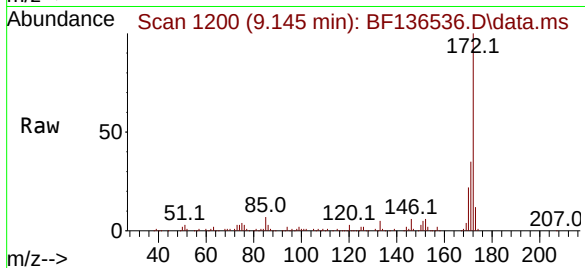
Tgt Ion:172 Resp: 115386

Ion Ratio Lower Upper

172 100

171 34.8 30.5 45.7

170 21.9 19.9 29.9



#50

Dimethylphthalate

Concen: 2.551 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.259 min

Lab File: BF136536.D

Acq: 13 Dec 2023 14:09

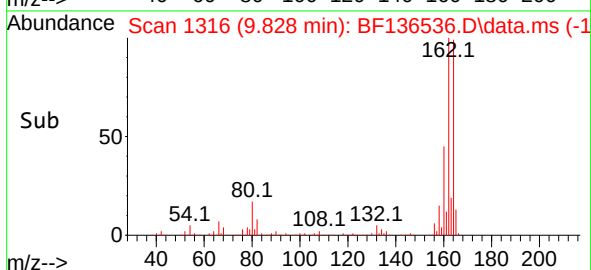
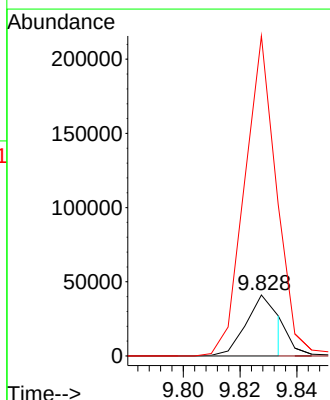
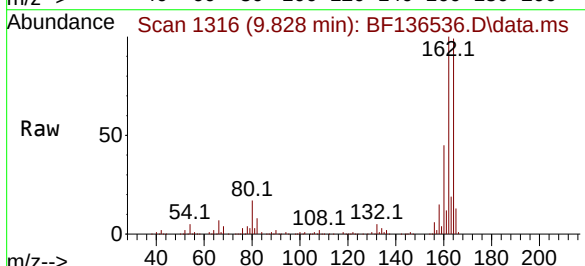
Tgt Ion:163 Resp: 32488

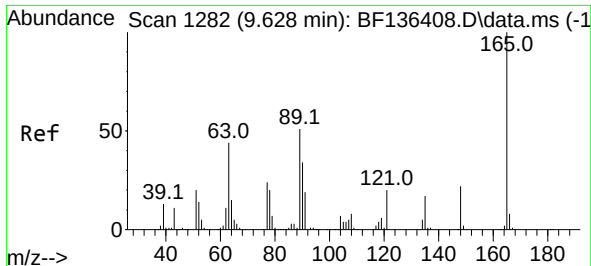
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 524.2 7.4 11.2#

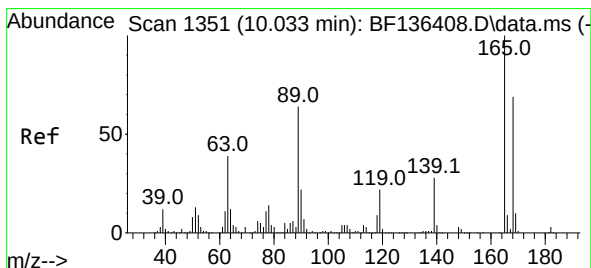
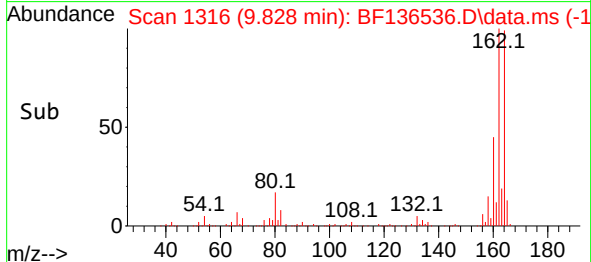
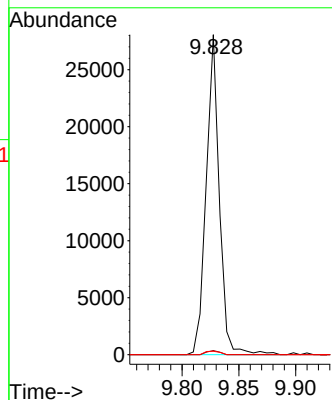
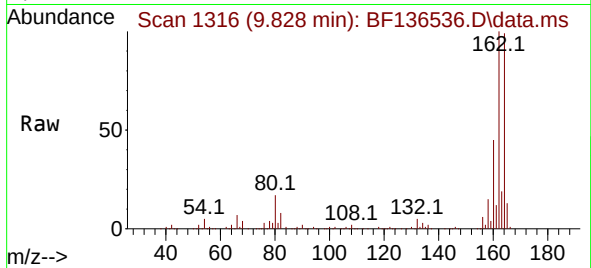




#51
2,6-Dinitrotoluene
Concen: 7.880 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

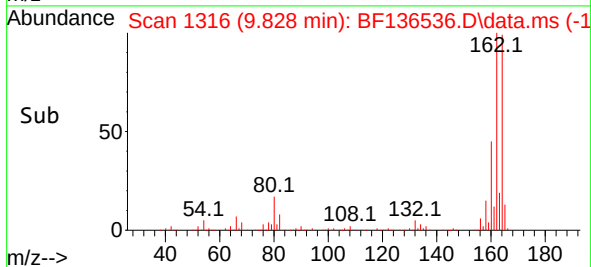
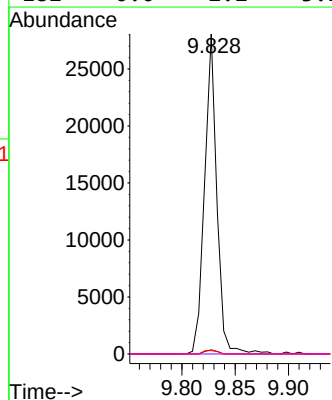
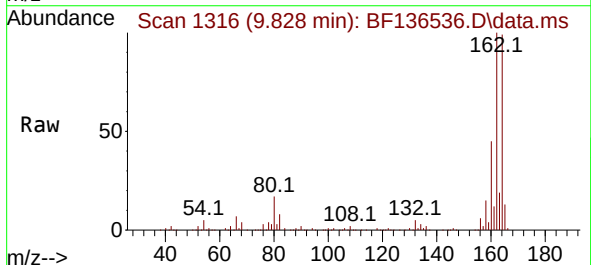
Instrument :
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SU-02-12082023

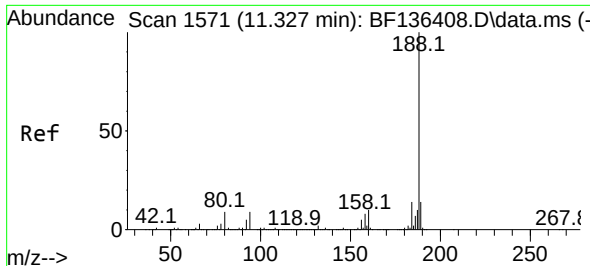
Tgt Ion:165 Resp: 22579
Ion Ratio Lower Upper
165 100
63 1.3 40.4 60.6#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.957 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.206 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

Tgt Ion:165 Resp: 22580
Ion Ratio Lower Upper
165 100
63 1.3 31.4 47.2#
89 1.1 51.7 77.5#
182 0.0 2.2 3.2#

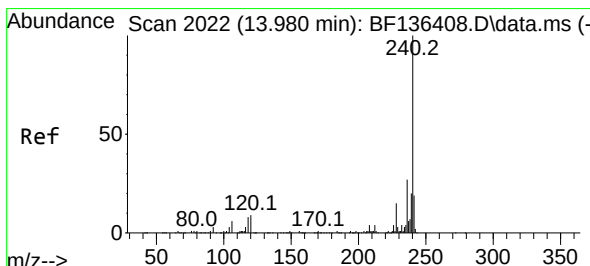
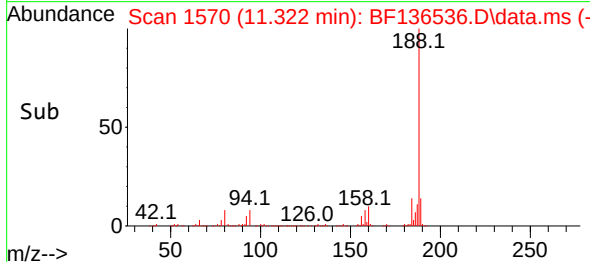
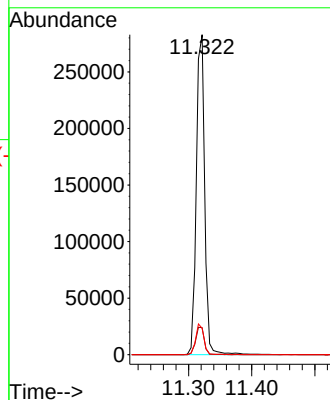
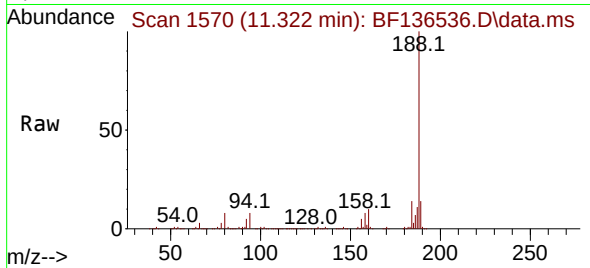




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

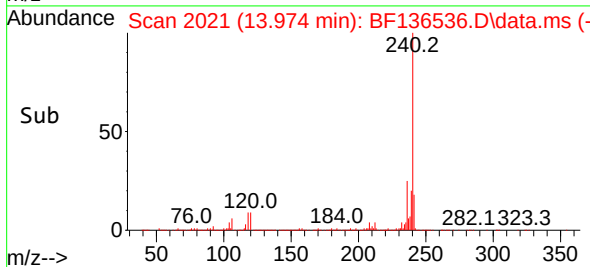
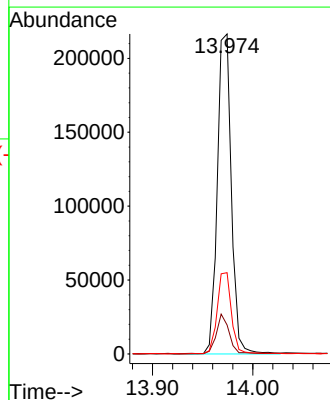
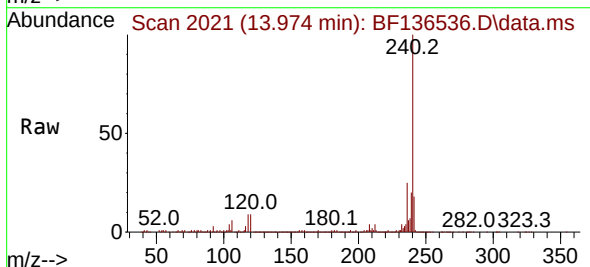
Instrument :
BNA_F
ClientSampleId :
SU-02-12082023

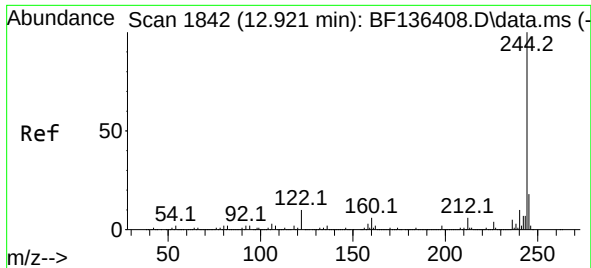
Tgt Ion:188 Resp: 260153
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

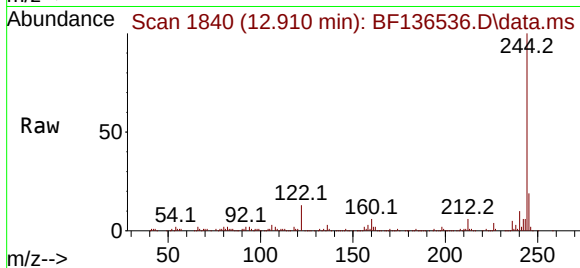
Tgt Ion:240 Resp: 209750
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.4 21.3 31.9



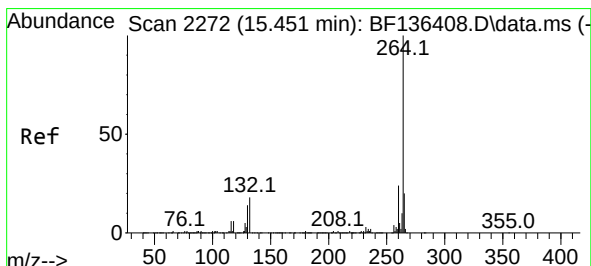
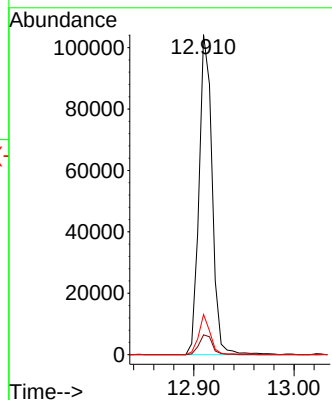
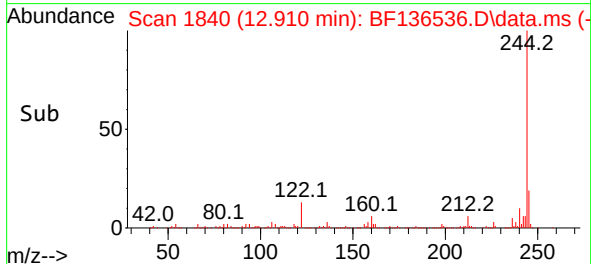


#79
 Terphenyl-d14
 Concen: 5.946 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF136536.D
 Acq: 13 Dec 2023 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-12082023



Tgt Ion:244 Resp: 94627
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 12.6 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BF136536.D
 Acq: 13 Dec 2023 14:09

Tgt Ion:264 Resp: 214542
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.3 15.9 23.9

