

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133279.D
 Acq On : 05 May 2023 23:25
 Operator : CG\JU
 Sample : 02618-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: May 06 05:53:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

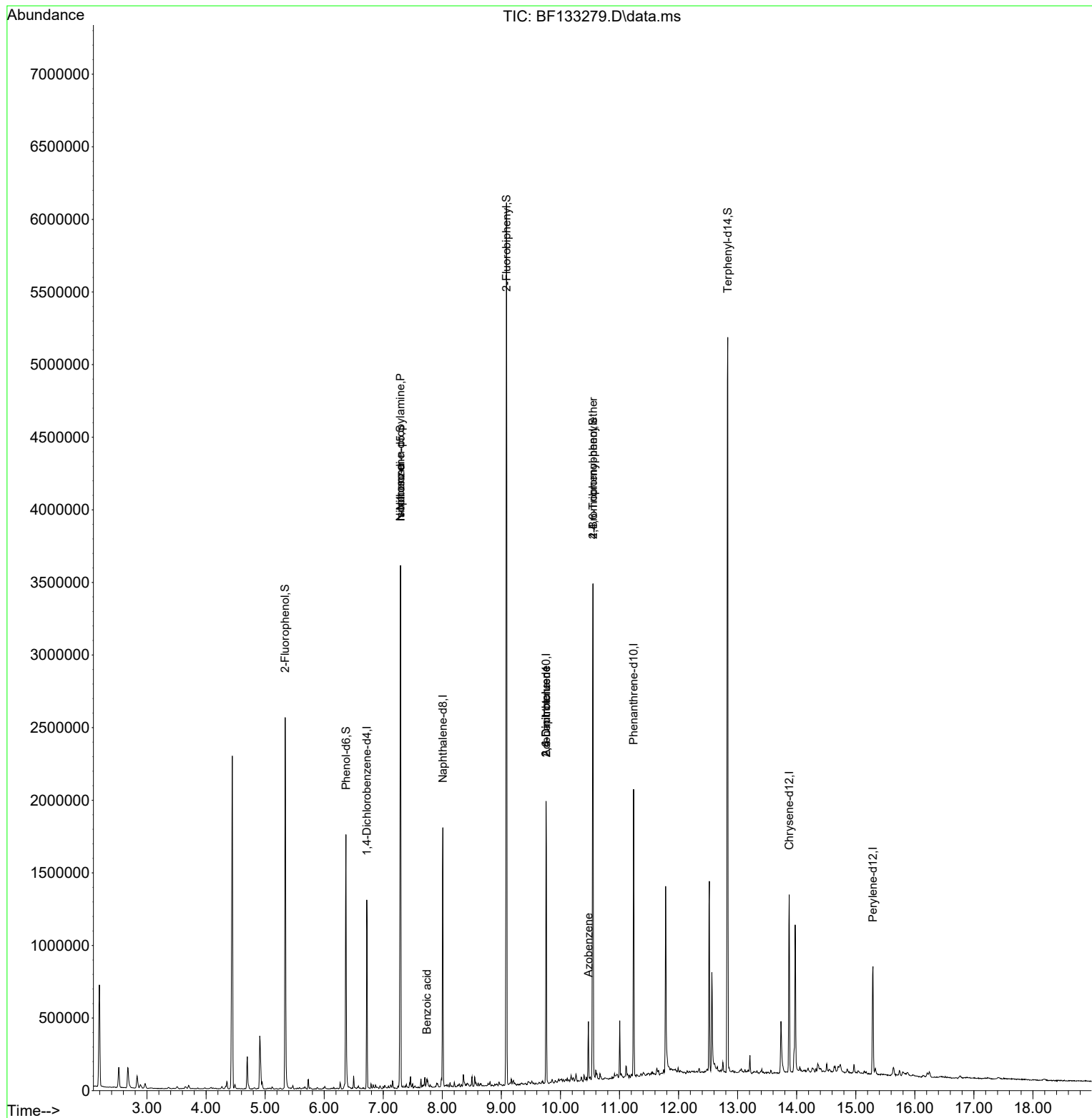
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	178641	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	716337	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	373585	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	668824	20.000	ng	0.00
76) Chrysene-d12	13.874	240	390354	20.000	ng	0.00
86) Perylene-d12	15.292	264	321756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	744655	62.969	ng	0.00
7) Phenol-d6	6.369	99	563973	38.422	ng	0.00
23) Nitrobenzene-d5	7.292	82	1186835	89.429	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	434455	115.635	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1943662	87.042	ng	0.00
79) Terphenyl-d14	12.833	244	1966835	86.899	ng	0.00
Target Compounds						
9) Benzaldehyde	6.269	77	9778	Below Cal		Qvalue 95
19) n-Nitroso-di-n-propyla...	7.292	70	157171	17.200 ng	#	76
25) Isophorone	7.292	82	1186493	47.088 ng	#	63
32) Benzoic acid	7.739	122	14825	2.158 ng		97
51) 2,6-Dinitrotoluene	9.757	165	50428	8.601 ng	#	25
57) 2,4-Dinitrotoluene	9.757	165	50428	6.744 ng	#	24
63) Azobenzene	10.475	77	65095	2.497 ng	#	1
67) 4-Bromophenyl-phenylether	10.551	248	27444	3.783 ng	#	1

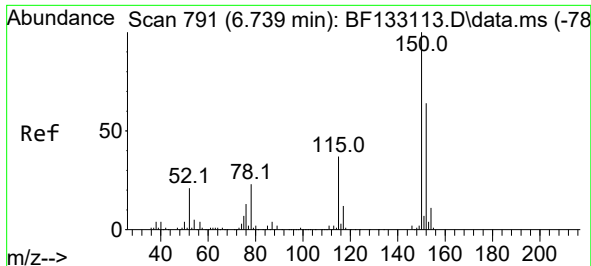
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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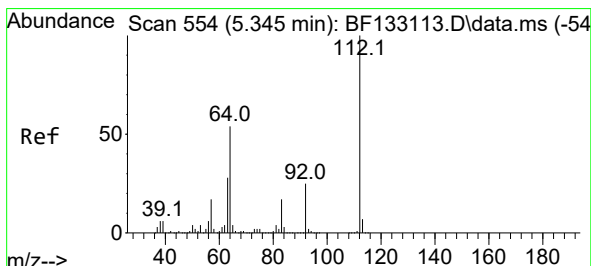
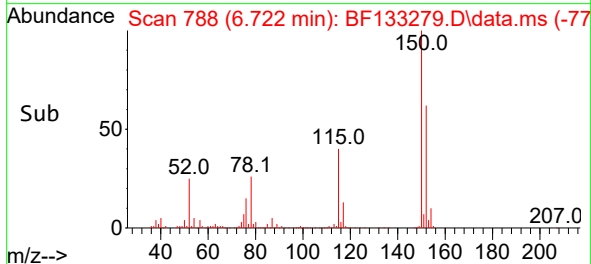
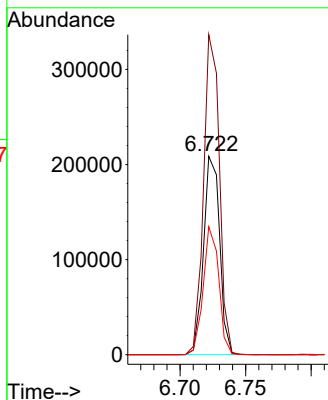
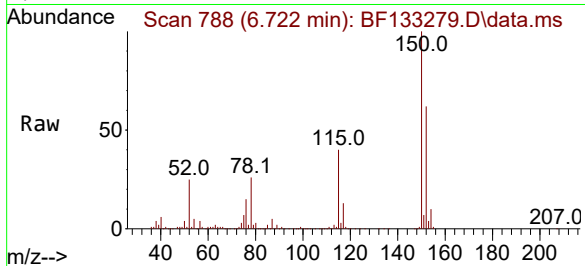




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133279.D
 Acq: 05 May 2023 23:25

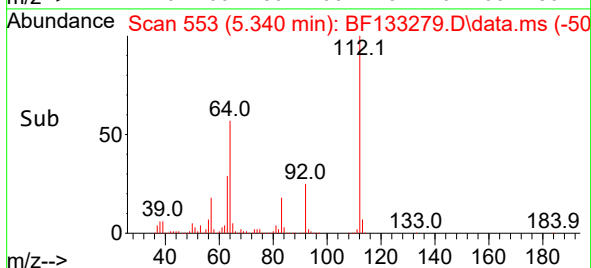
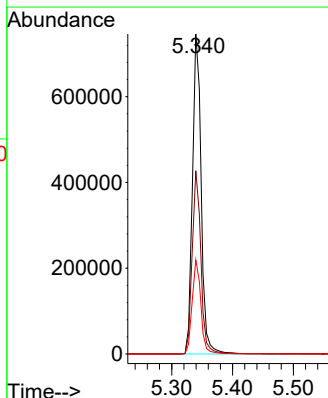
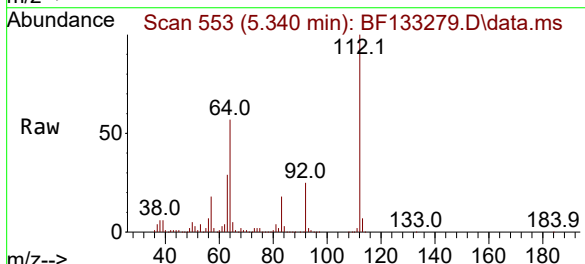
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

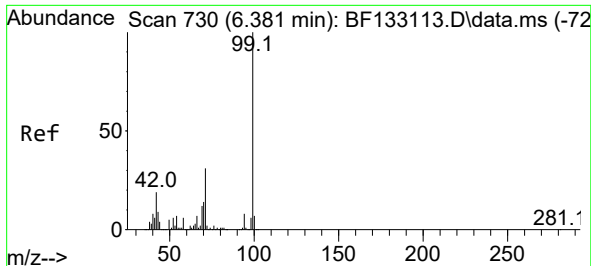
Tgt Ion:152 Resp: 178641
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.8 187.2
 115 64.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 62.969 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133279.D
 Acq: 05 May 2023 23:25

Tgt Ion:112 Resp: 744655
 Ion Ratio Lower Upper
 112 100
 64 57.2 46.8 70.2
 63 29.4 23.8 35.8

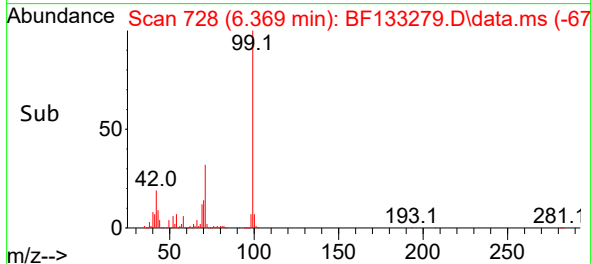
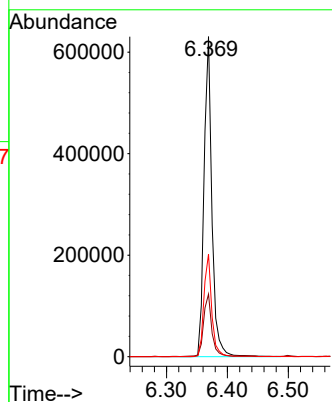
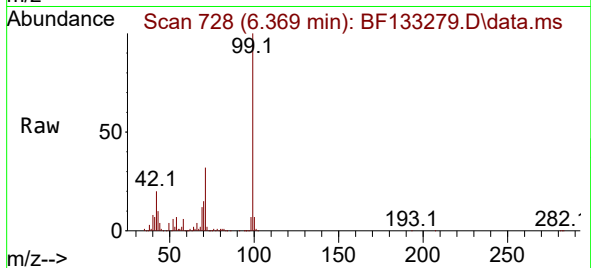




#7
Phenol-d6
Concen: 38.422 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

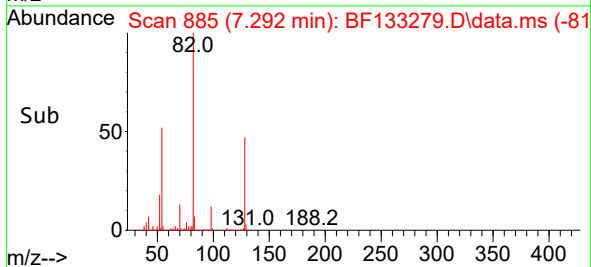
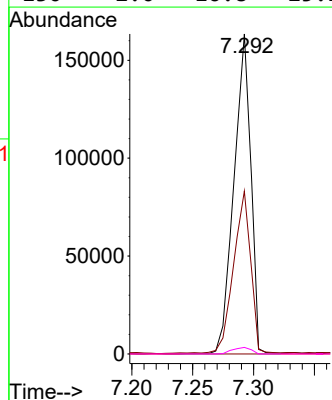
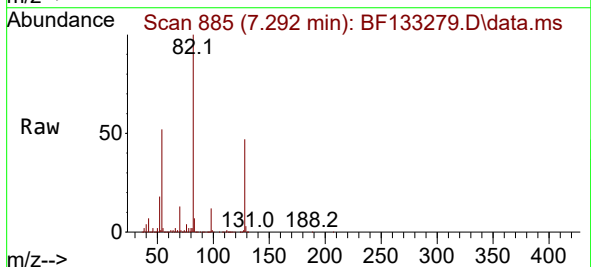
Instrument :
BNA_F
ClientSampleId :
DSN001

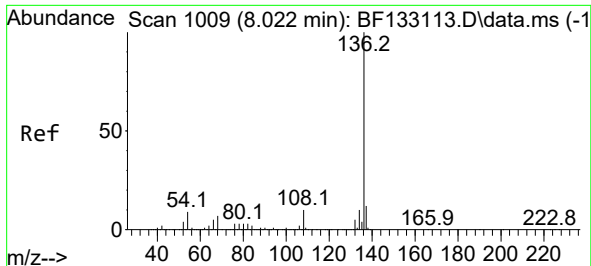
Tgt Ion: 99 Resp: 563973
Ion Ratio Lower Upper
99 100
42 19.6 16.3 24.5
71 32.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.200 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

Tgt Ion: 70 Resp: 157171
Ion Ratio Lower Upper
70 100
42 50.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.0 16.8 25.2#

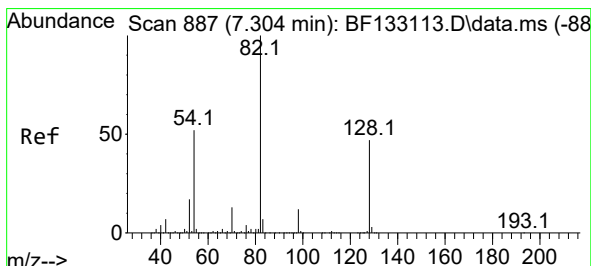
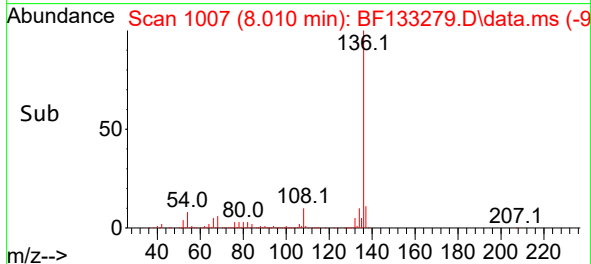
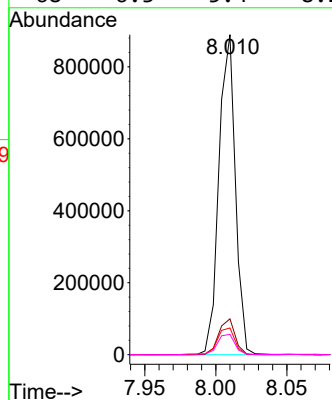
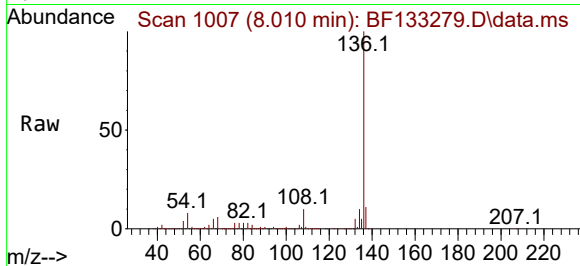




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

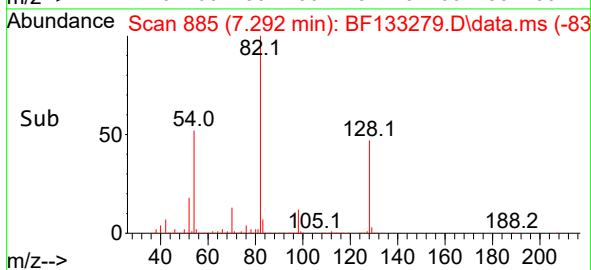
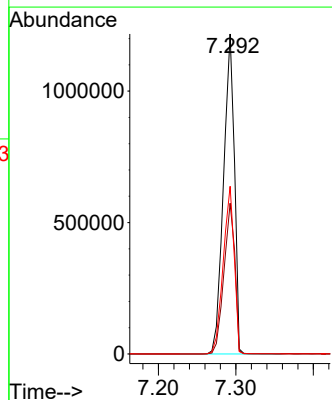
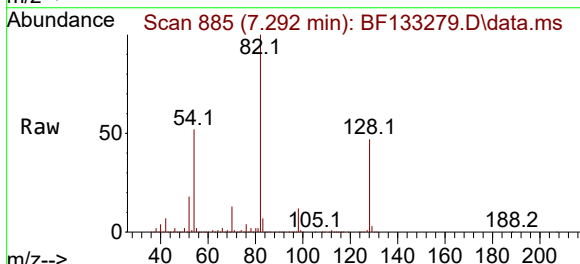
Instrument :
BNA_F
ClientSampleId :
DSN001

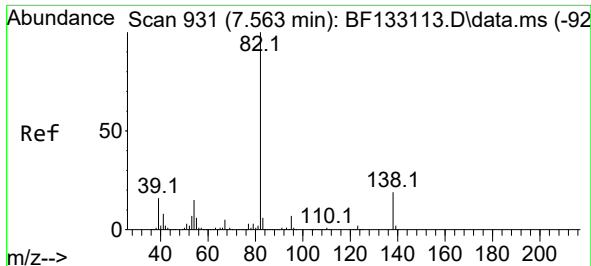
Tgt Ion	136	Resp: Lower	716337 Upper
136	100		
137	11.2	8.6	13.0
54	8.4	7.0	10.4
68	6.3	5.4	8.2



#23
Nitrobenzene-d5
Concen: 89.429 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

Tgt Ion: 82		Resp: 1186835	
Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.7	56.5
54	52.4	43.0	64.4

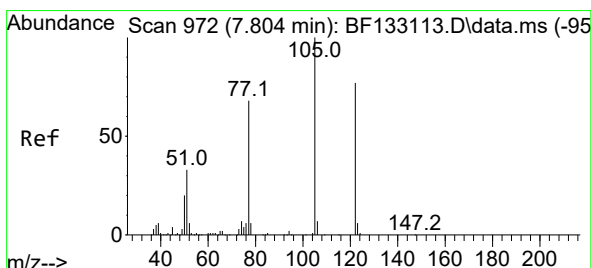
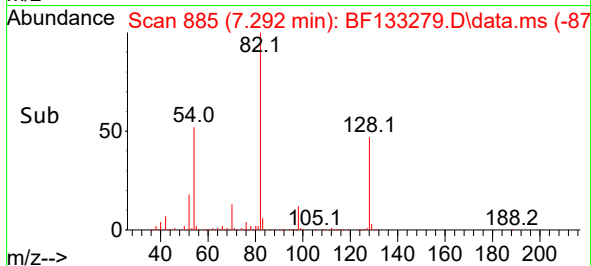
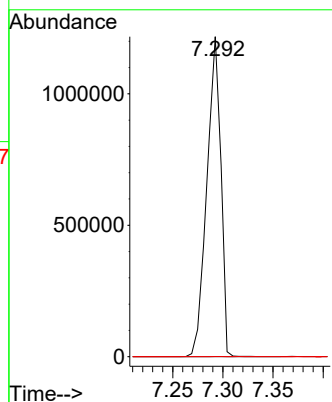
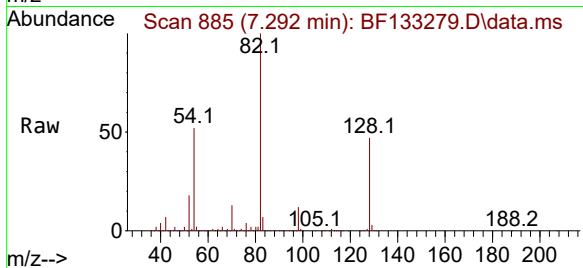




#25
Isophorone
Concen: 47.088 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

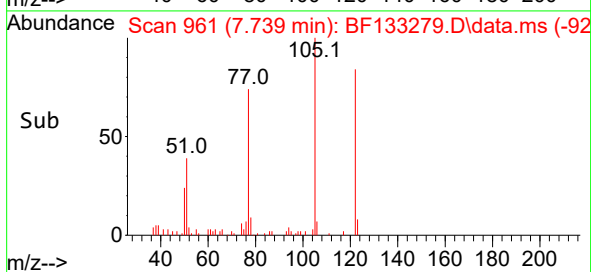
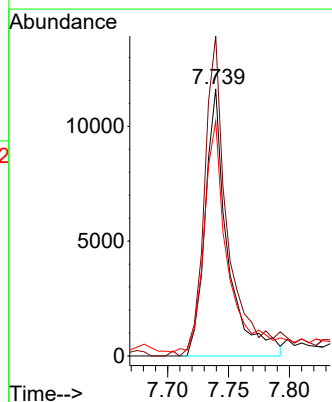
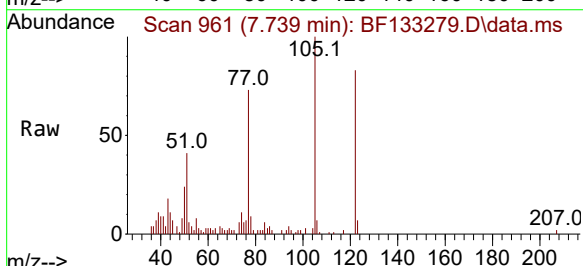
Instrument :
BNA_F
ClientSampleId :
DSN001

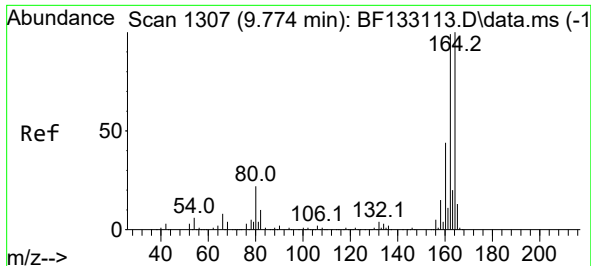
Tgt Ion: 82 Resp: 1186493
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#32
Benzoic acid
Concen: 2.158 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.059 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

Tgt Ion:122 Resp: 14825
Ion Ratio Lower Upper
122 100
105 119.8 104.2 144.2
77 88.0 69.7 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133279.D

Acq: 05 May 2023 23:25

Instrument :

BNA_F

ClientSampleId :

DSN001

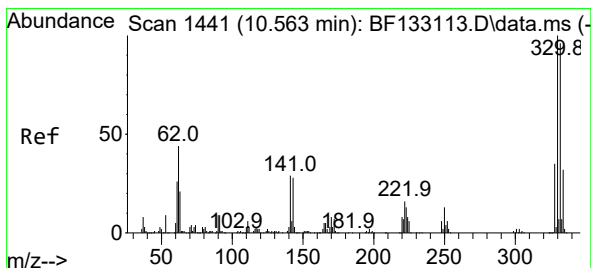
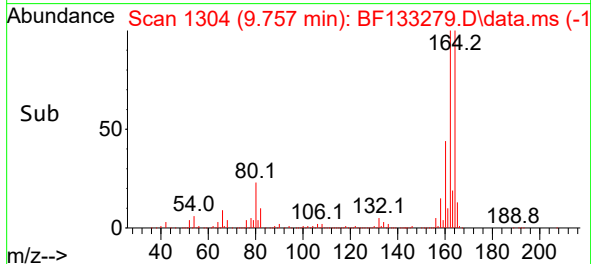
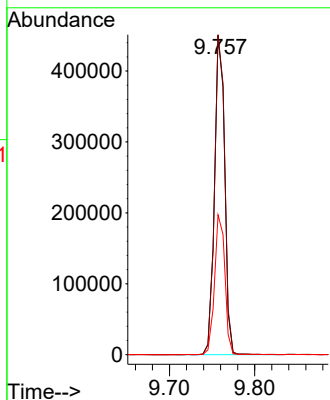
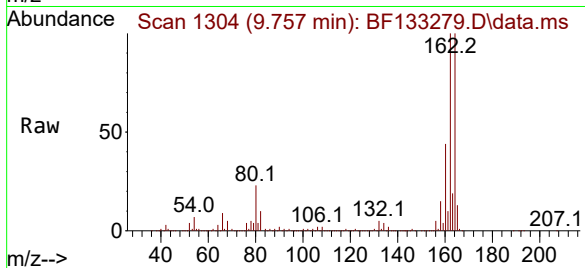
Tgt Ion:164 Resp: 373585

Ion Ratio Lower Upper

164 100

162 100.4 78.7 118.1

160 43.9 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 115.635 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.006 min

Lab File: BF133279.D

Acq: 05 May 2023 23:25

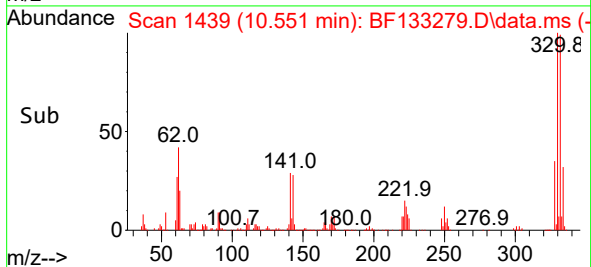
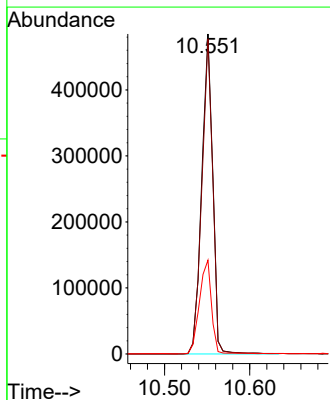
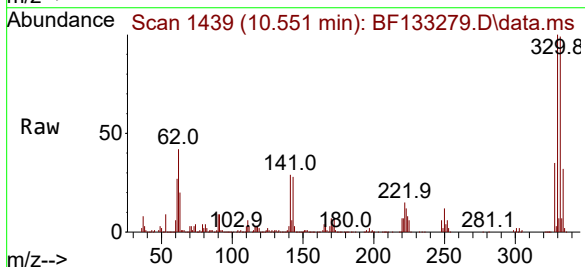
Tgt Ion:330 Resp: 434455

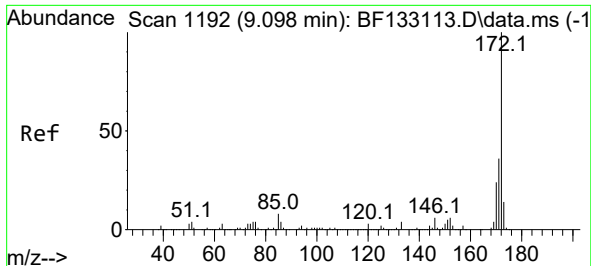
Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 32.2 25.8 38.8

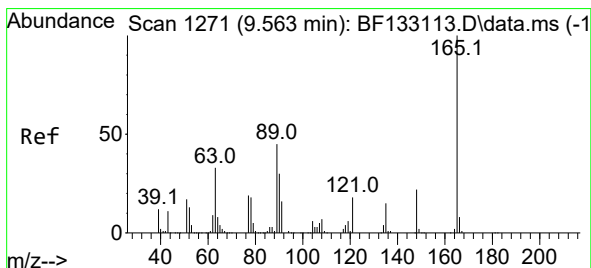
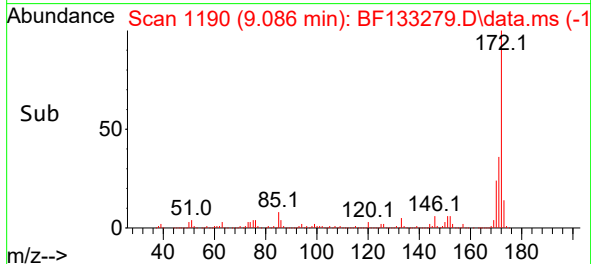
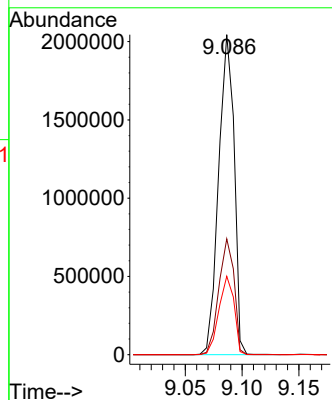
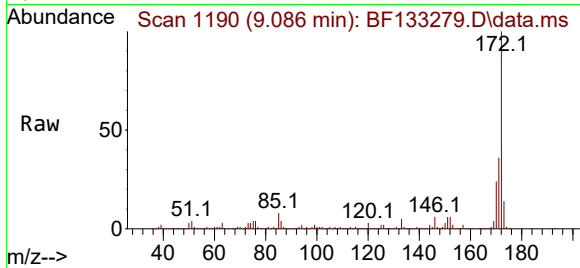




#45
2-Fluorobiphenyl
Concen: 87.042 ng
RT: 9.086 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

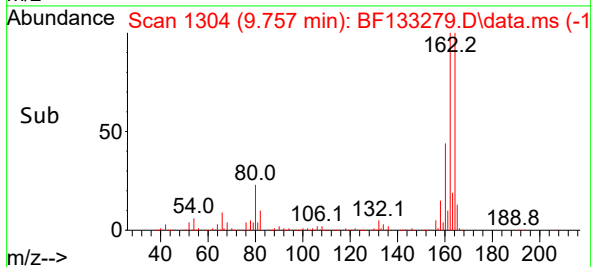
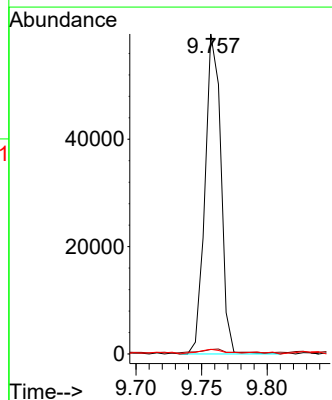
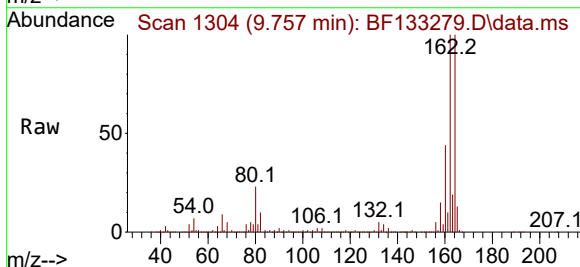
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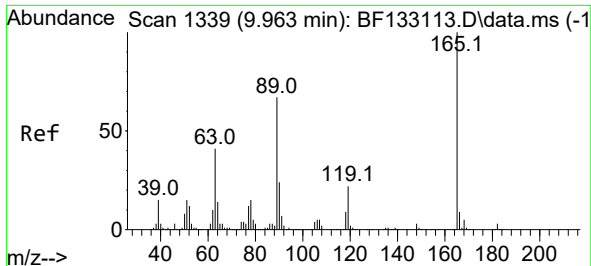
Tgt Ion:172 Resp: 1943662
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.5 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 8.601 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

Tgt Ion:165 Resp: 50428
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.5 44.0 66.0#

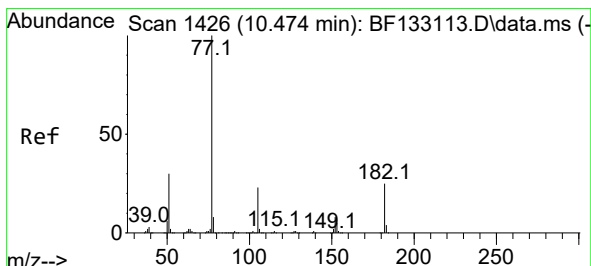
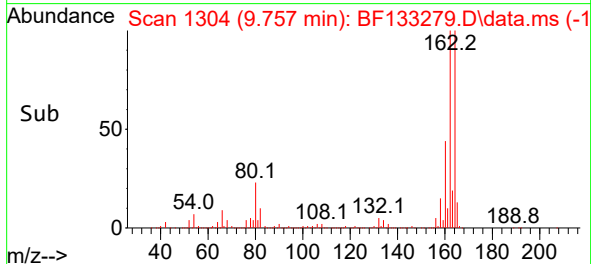
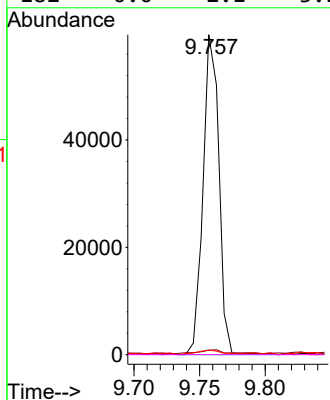
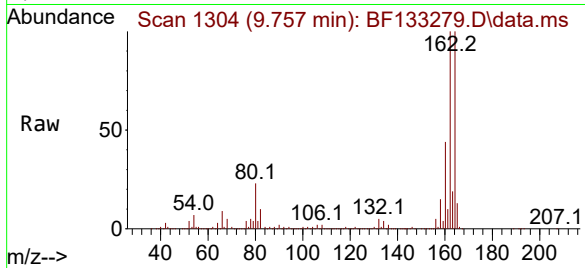




#57
2,4-Dinitrotoluene
Concen: 6.744 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

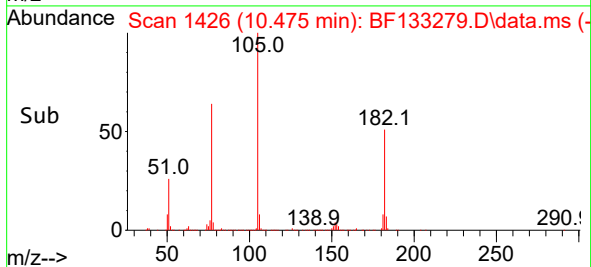
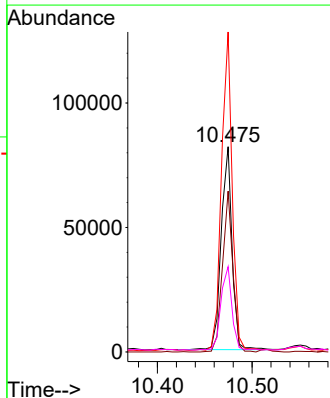
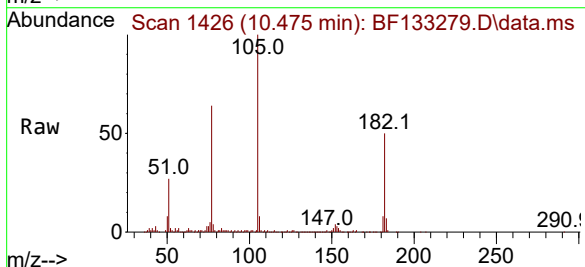
Instrument :
BNA_F
ClientSampleId :
DSN001

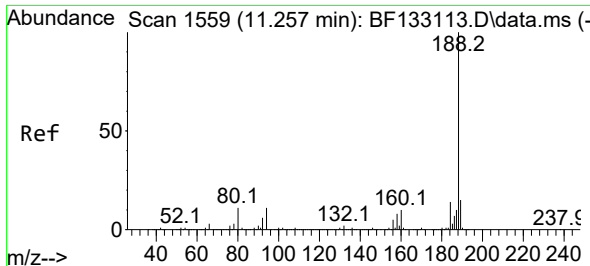
Tgt Ion:165 Resp: 50428
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 1.5 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.497 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

Tgt Ion: 77 Resp: 65095
Ion Ratio Lower Upper
77 100
182 78.3 5.9 45.9#
105 155.9 2.3 42.3#
51 41.5 11.1 51.1

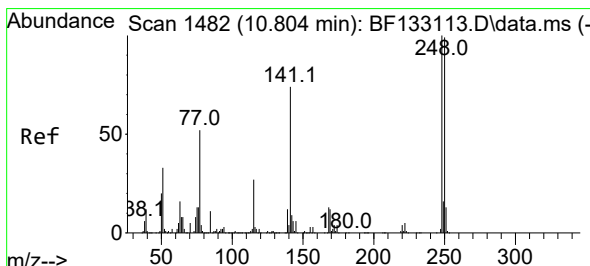
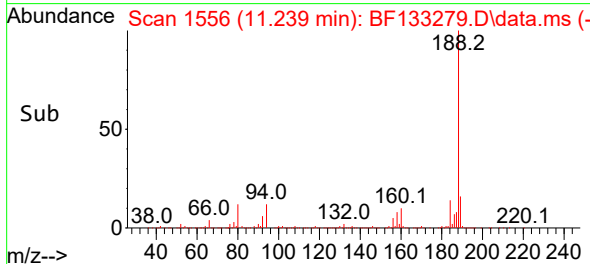
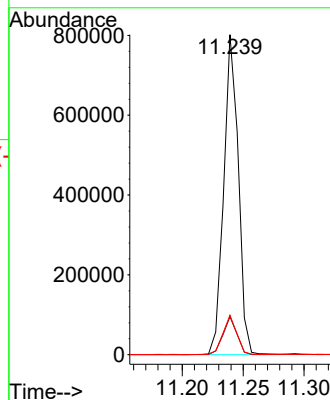
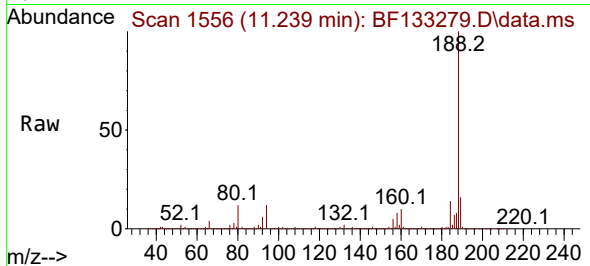




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

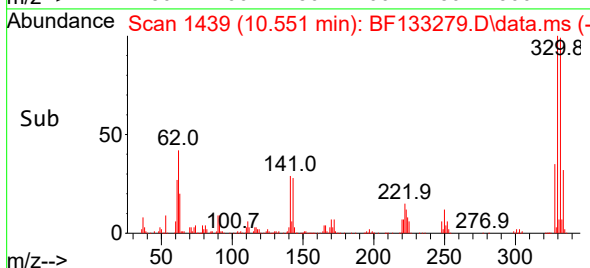
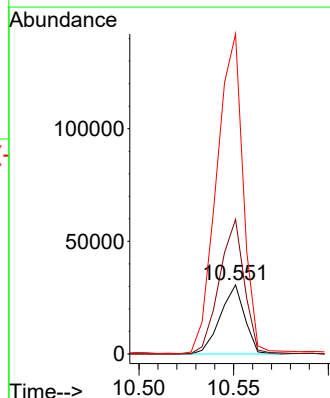
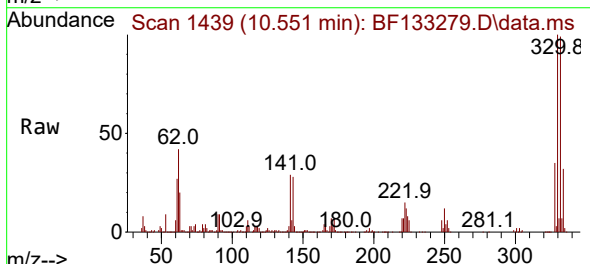
Instrument :
BNA_F
ClientSampleId :
DSN001

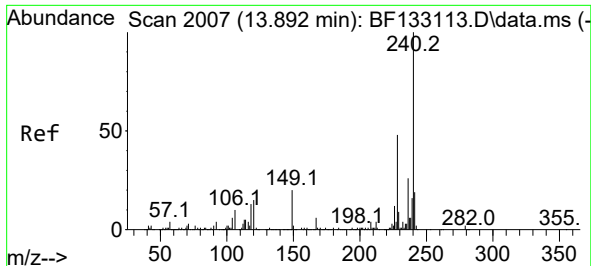
Tgt Ion:188 Resp: 668824
Ion Ratio Lower Upper
188 100
94 11.9 9.7 14.5
80 12.4 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.783 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

Tgt Ion:248 Resp: 27444
Ion Ratio Lower Upper
248 100
250 194.8 78.7 118.1#
141 462.9 56.3 84.5#

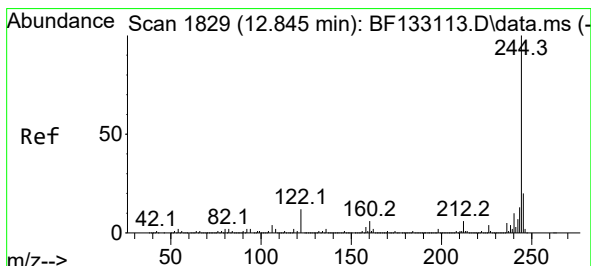
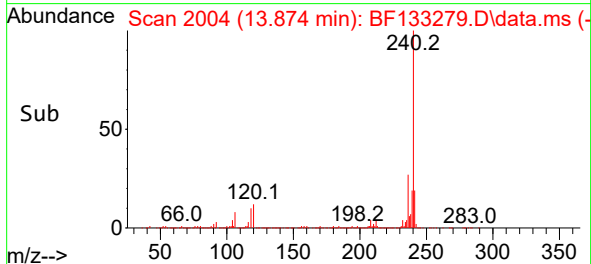
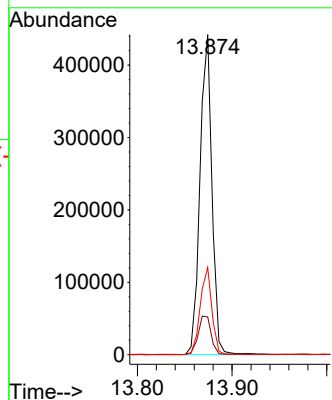
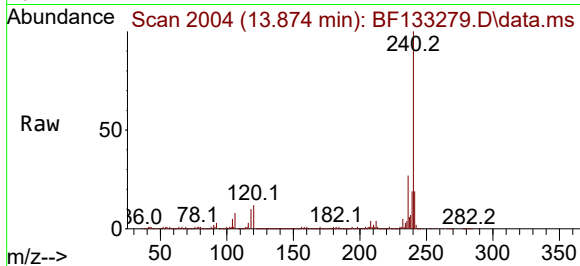




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

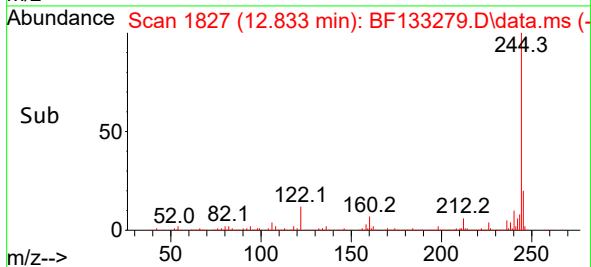
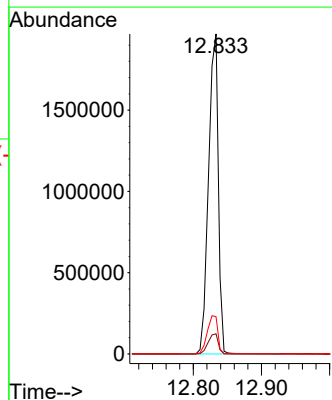
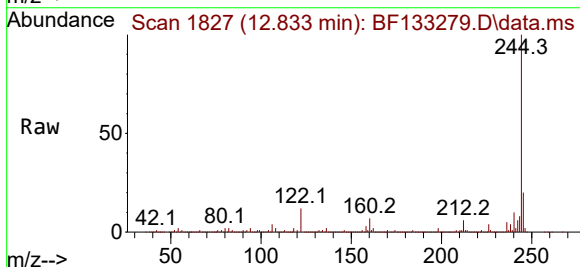
Instrument :
BNA_F
ClientSampleId :
DSN001

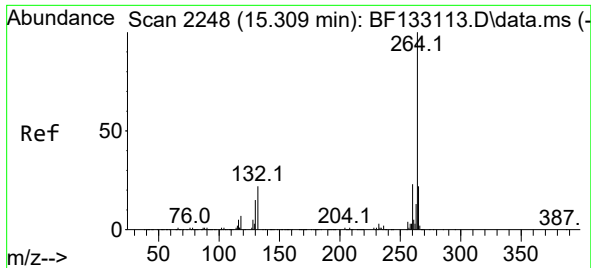
Tgt Ion:240 Resp: 390354
Ion Ratio Lower Upper
240 100
120 11.8 10.5 15.7
236 27.2 21.5 32.3



#79
Terphenyl-d14
Concen: 86.899 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

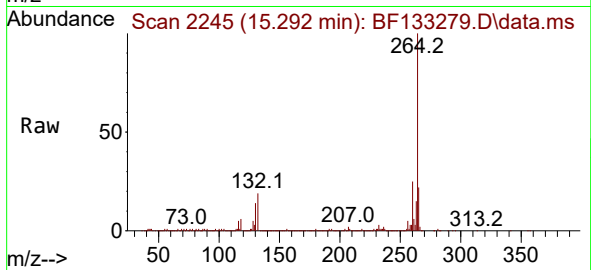
Tgt Ion:244 Resp: 1966835
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 11.7 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

Instrument :
BNA_F
ClientSampleId :
DSN001



Tgt Ion:264 Resp: 321756
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 21.8 17.0 25.4

