

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139469.D
 Acq On : 19 Sep 2024 17:49
 Operator : RC/JU
 Sample : PB163446TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163446TB

Quant Time: Sep 20 01:36:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

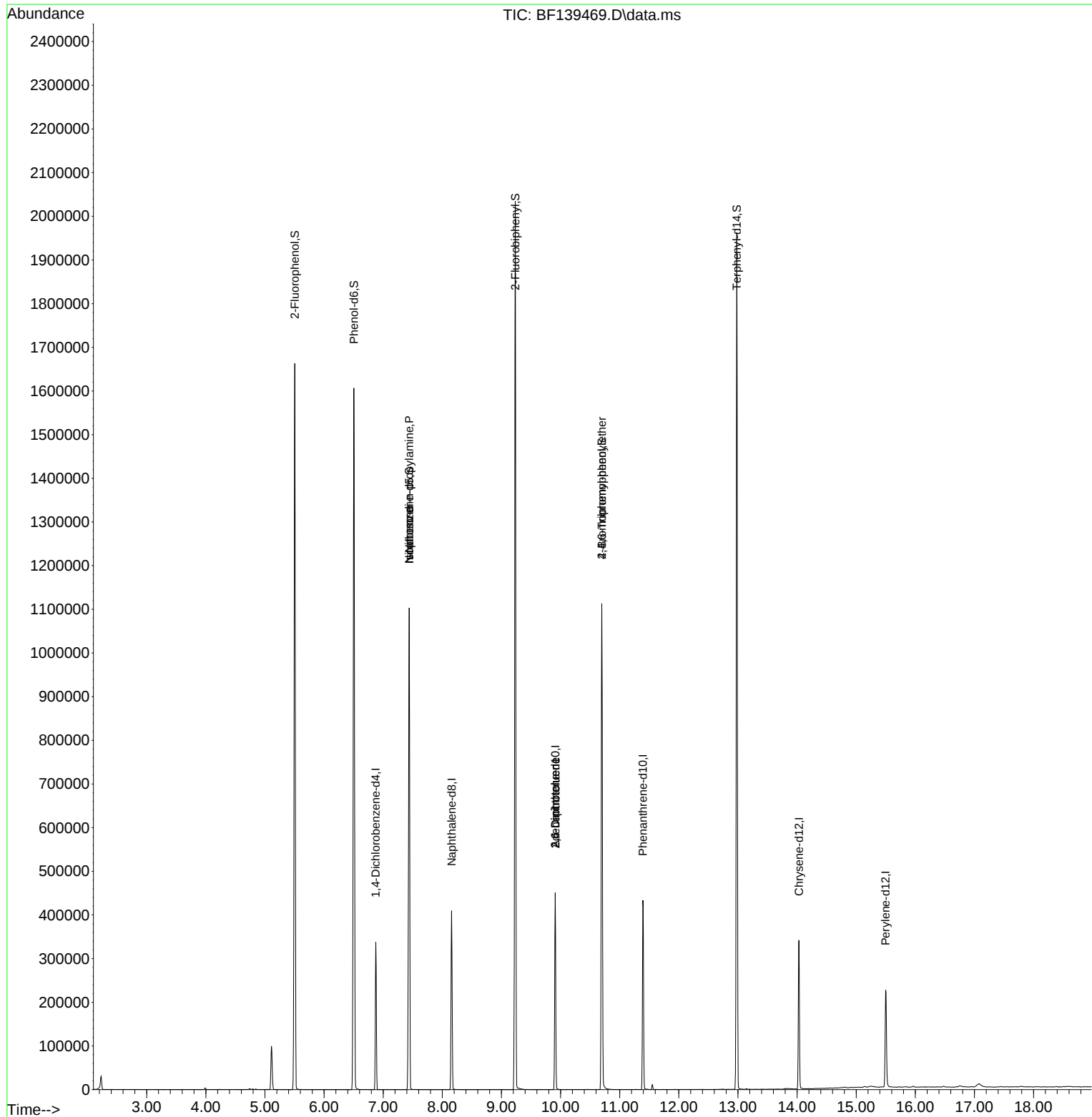
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66084	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239522	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	127200	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	235896	20.000	ng	0.00
76) Chrysene-d12	14.033	240	168810	20.000	ng	0.00
86) Perylene-d12	15.498	264	140255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	564056	139.243	ng	0.01
7) Phenol-d6	6.504	99	721400	135.676	ng	0.00
23) Nitrobenzene-d5	7.439	82	490749	96.320	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	170019	125.550	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	860945	94.929	ng	0.00
79) Terphenyl-d14	12.980	244	931897	90.611	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	67709	21.489	ng	# 74
25) Isophorone	7.439	82	488710	60.651	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	16057	8.682	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	16057	6.431	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	11742	5.023	ng	# 1

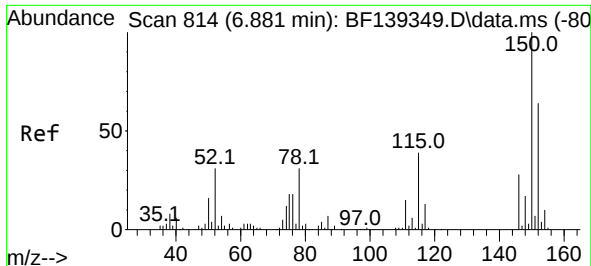
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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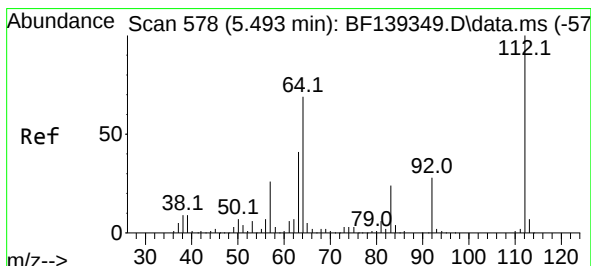
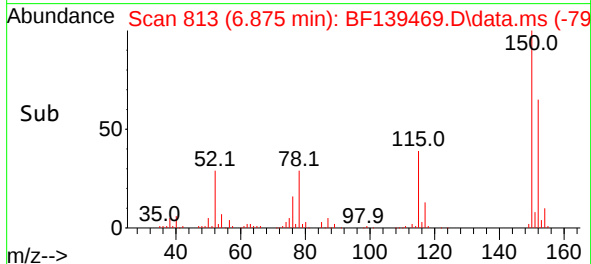
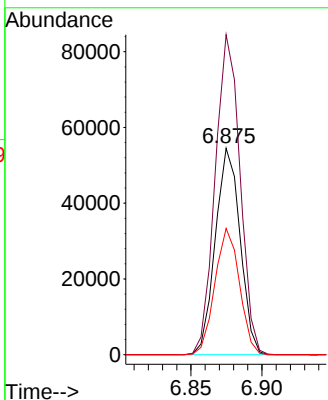
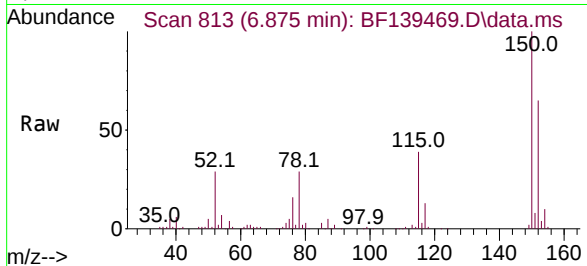




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

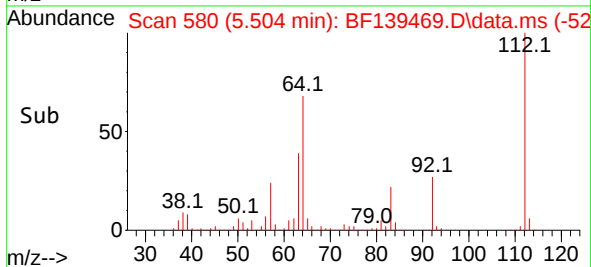
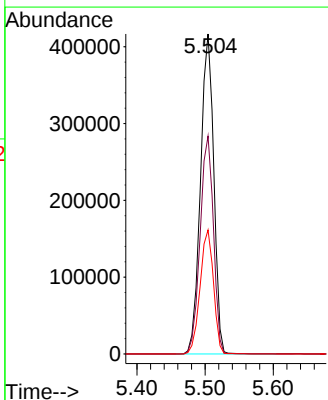
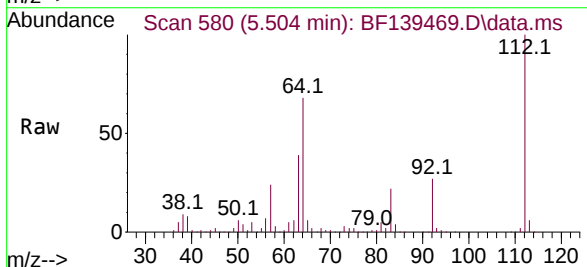
Instrument :
BNA_F
ClientSampleId :
PB163446TB

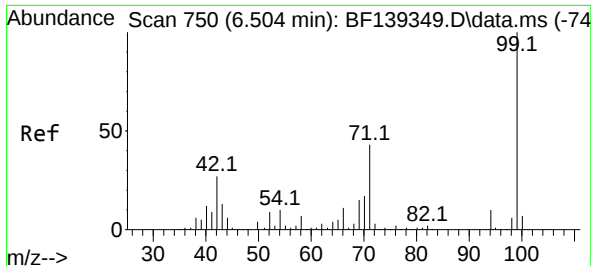
Tgt Ion:152 Resp: 66084
Ion Ratio Lower Upper
152 100
150 155.0 124.1 186.1
115 61.1 48.1 72.1



#5
2-Fluorophenol
Concen: 139.243 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

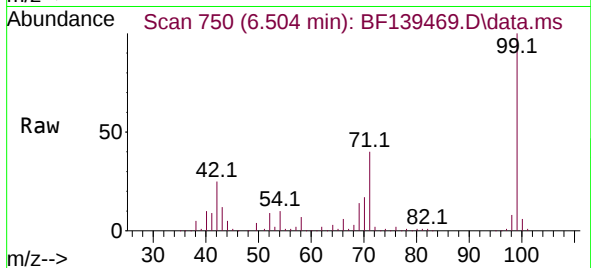
Tgt Ion:112 Resp: 564056
Ion Ratio Lower Upper
112 100
64 68.1 54.8 82.2
63 38.7 33.0 49.4



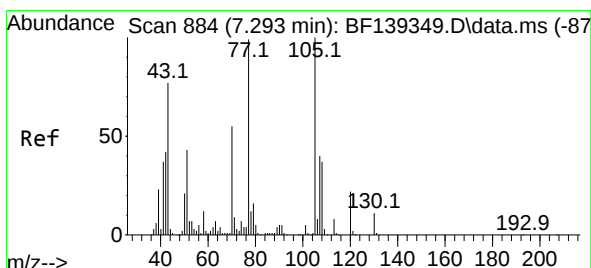
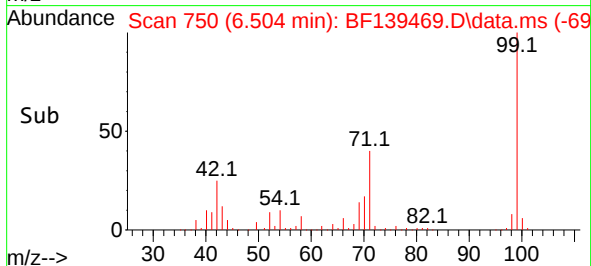
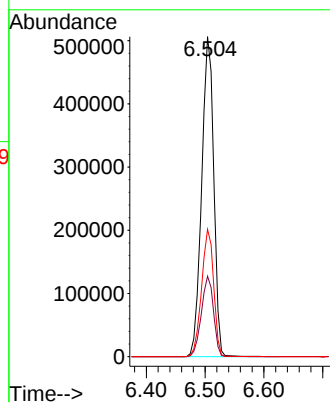


#7
Phenol-d6
Concen: 135.676 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

Instrument :
BNA_F
ClientSampleId :
PB163446TB

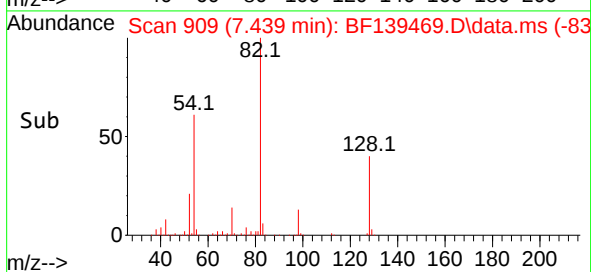
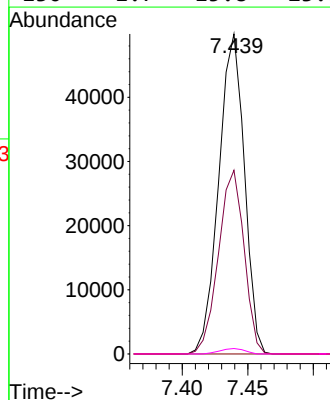
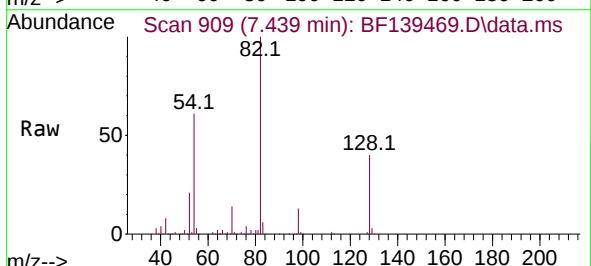


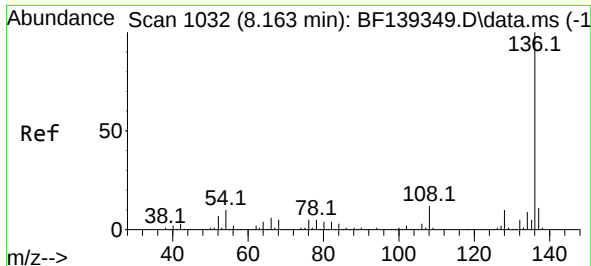
Tgt Ion:	99	Resp:	721400
Ion	Ratio	Lower	Upper
99	100		
42	25.1	21.9	32.9
71	39.8	34.6	52.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.489 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

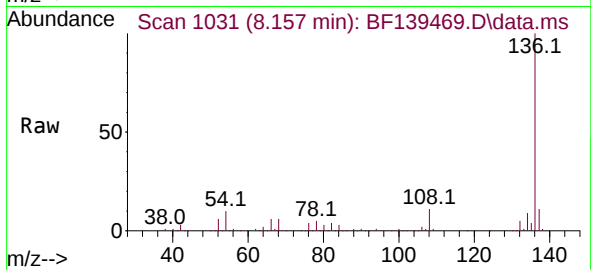
Tgt Ion:	70	Resp:	67709
Ion	Ratio	Lower	Upper
70	100		
42	57.4	61.2	91.8#
101	0.0	7.5	11.3#
130	1.7	15.8	23.8#



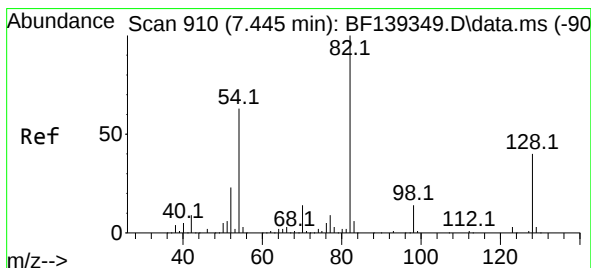
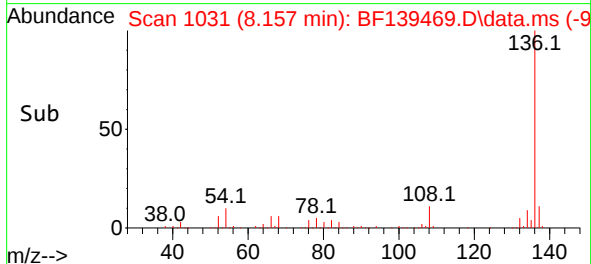
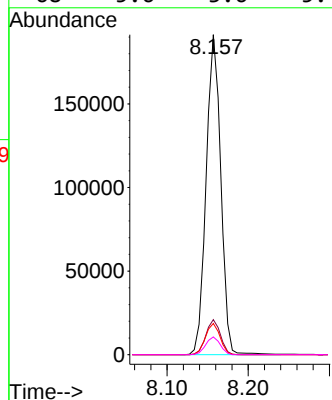


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

Instrument :
BNA_F
ClientSampleId :
PB163446TB

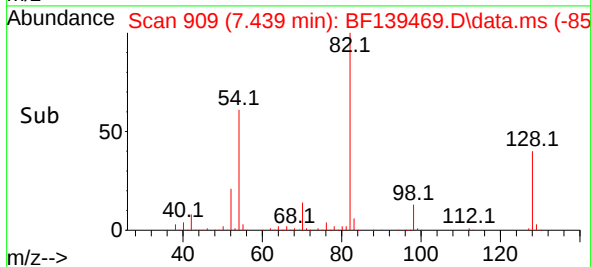
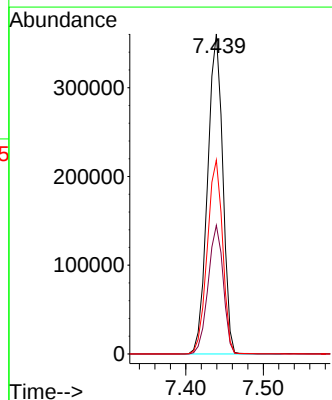
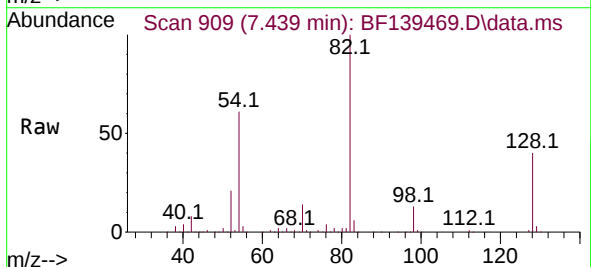


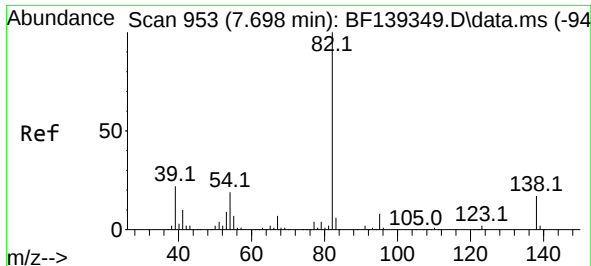
Tgt Ion:136 Resp: 239522
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 7.8 11.8
68 5.6 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 96.320 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

Tgt Ion: 82 Resp: 490749
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 60.6 50.6 75.8

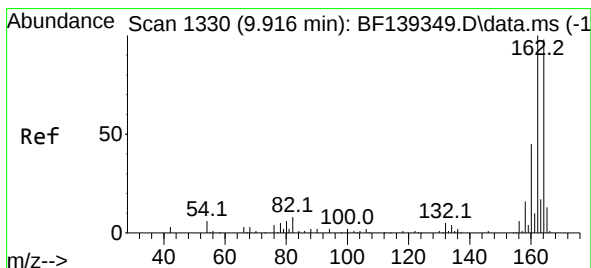
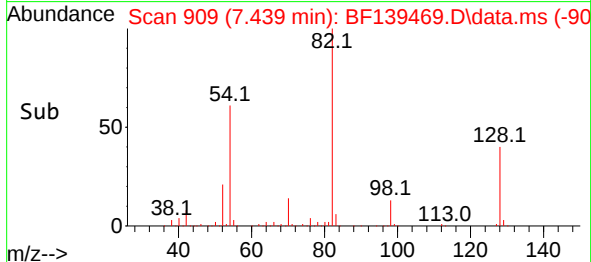
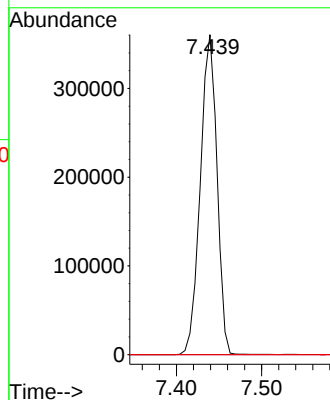
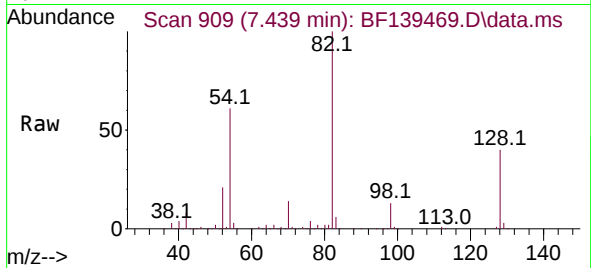




#25
Isophorone
Concen: 60.651 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

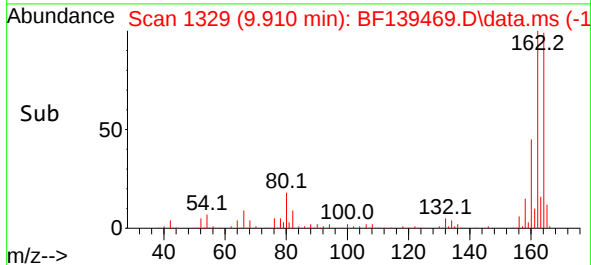
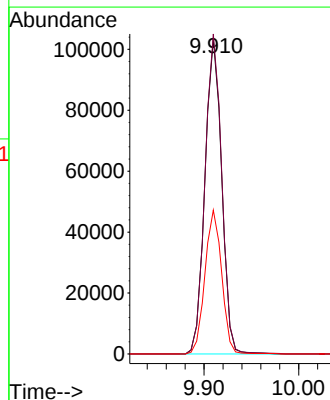
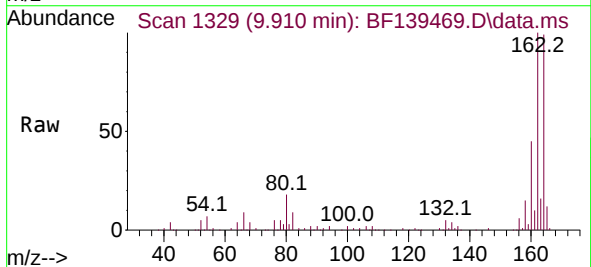
Instrument :
BNA_F
ClientSampleId :
PB163446TB

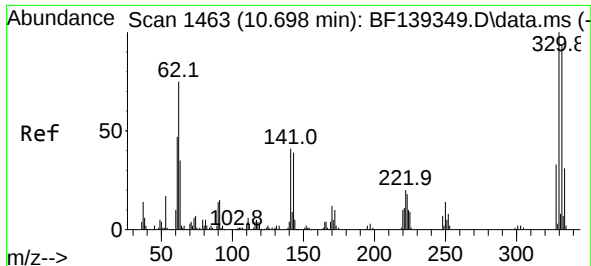
Tgt Ion: 82 Resp: 488710
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

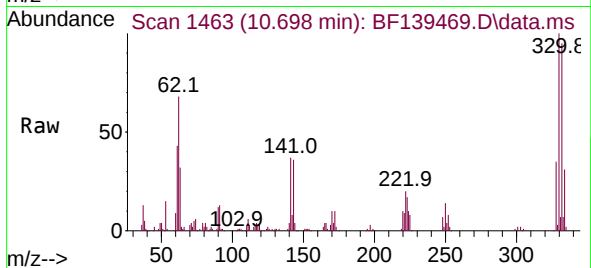
Tgt Ion:164 Resp: 127200
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 45.7 36.4 54.6



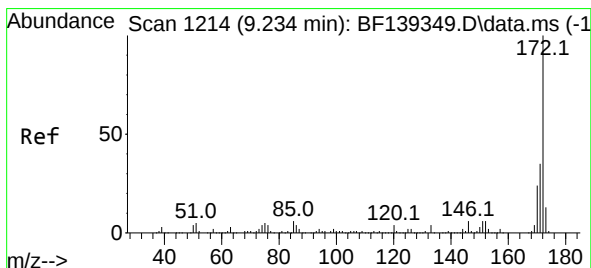
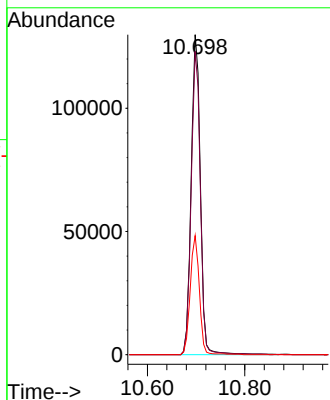
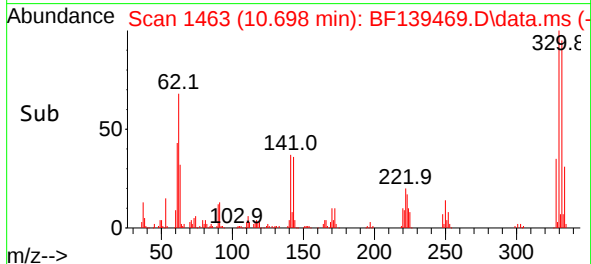


#42
 2,4,6-Tribromophenol
 Concen: 125.550 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.000 min
 Lab File: BF139469.D
 Acq: 19 Sep 2024 17:49

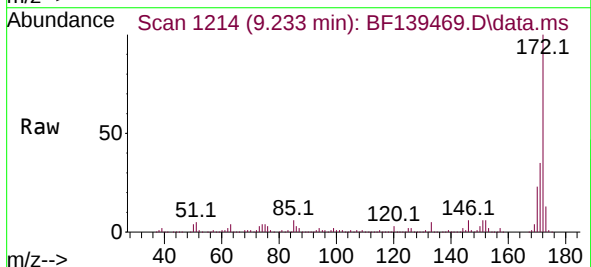
Instrument :
 BNA_F
 ClientSampleId :
 PB163446TB



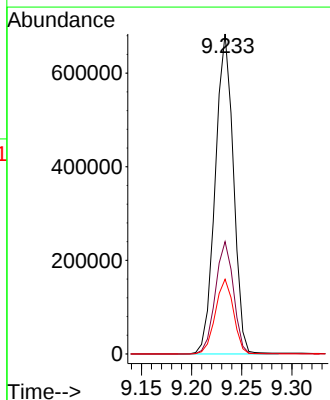
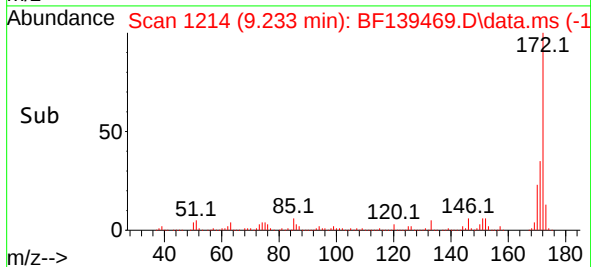
Tgt Ion:330 Resp: 170019
 Ion Ratio Lower Upper
 330 100
 332 94.2 75.2 112.8
 141 37.0 31.2 46.8

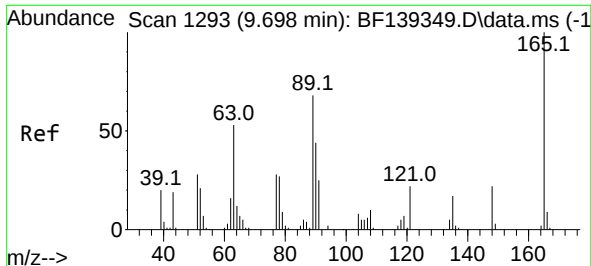


#45
 2-Fluorobiphenyl
 Concen: 94.929 ng
 RT: 9.233 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: BF139469.D
 Acq: 19 Sep 2024 17:49



Tgt Ion:172 Resp: 860945
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.4 19.0 28.6

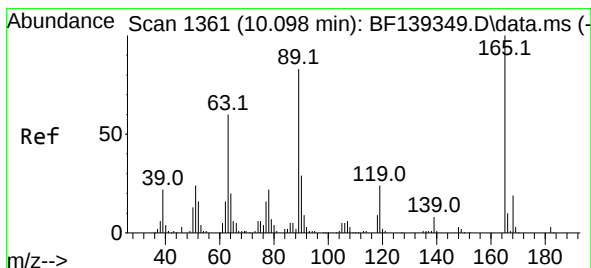
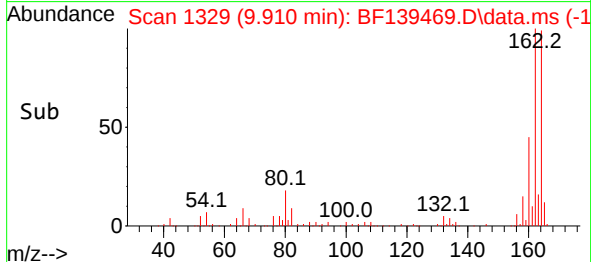
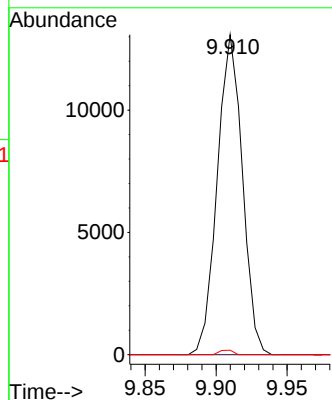
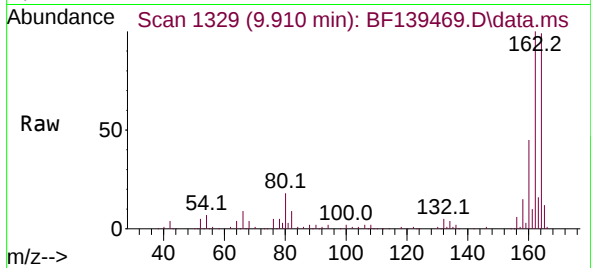




#51
2,6-Dinitrotoluene
Concen: 8.682 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

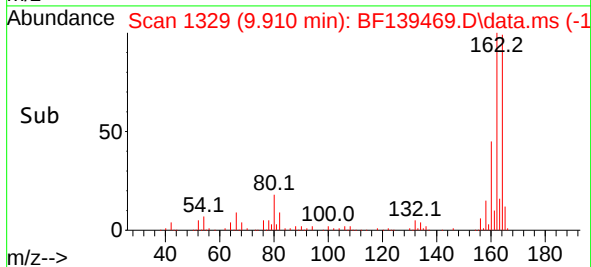
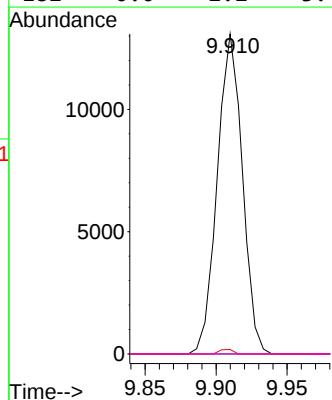
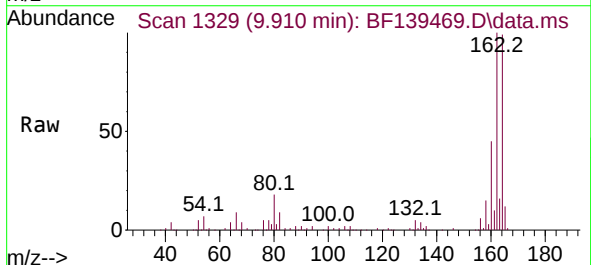
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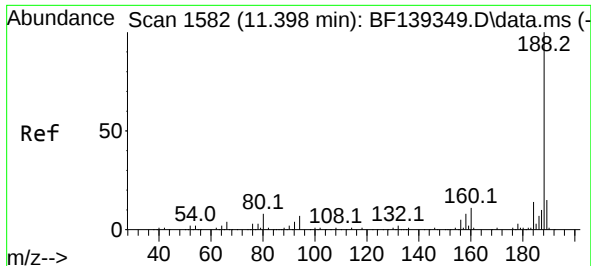
Tgt Ion:165 Resp: 16057
Ion Ratio Lower Upper
165 100
63 0.0 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.431 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

Tgt Ion:165 Resp: 16057
Ion Ratio Lower Upper
165 100
63 0.0 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#

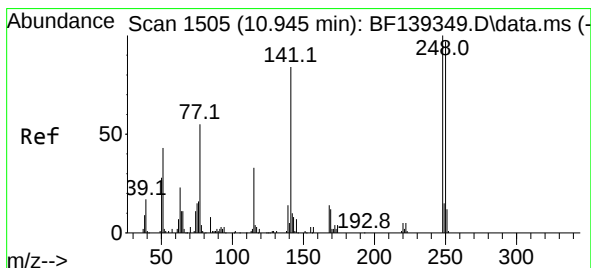
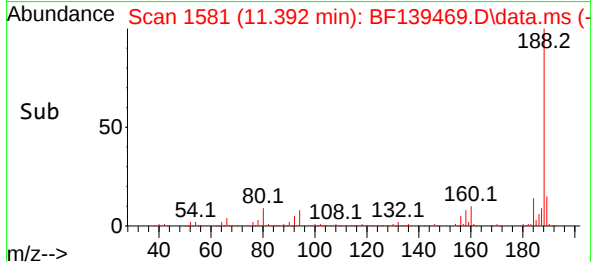
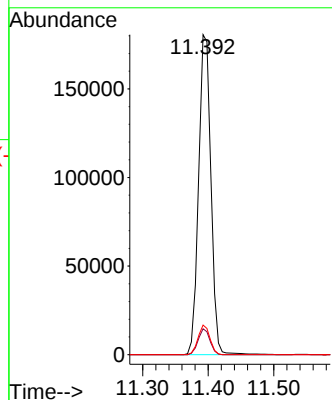
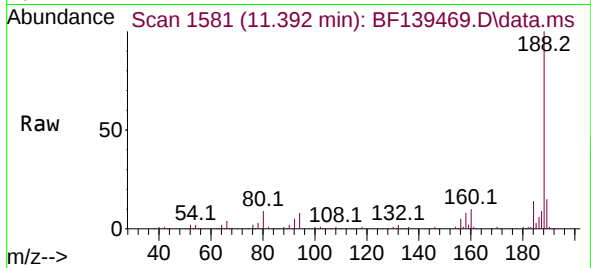




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

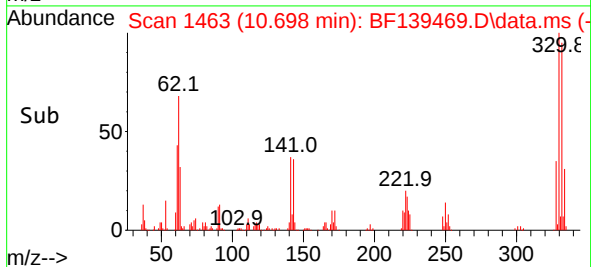
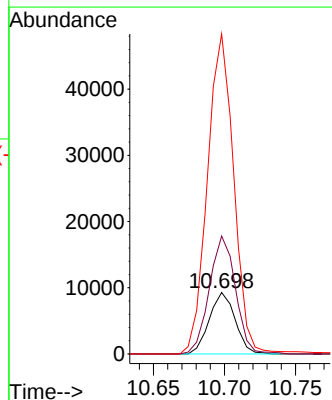
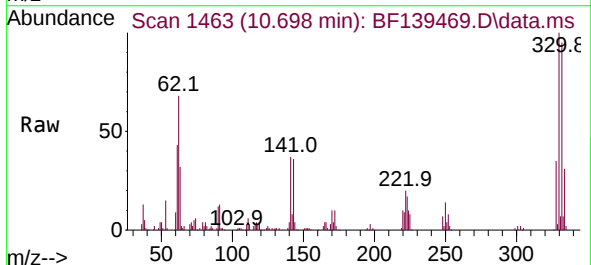
Instrument :
BNA_F
ClientSampleId :
PB163446TB

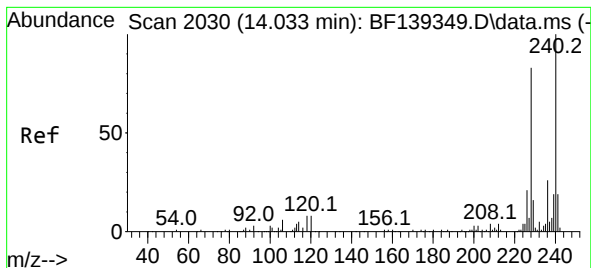
Tgt Ion:188 Resp: 235896
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 9.3 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 5.023 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139469.D
Acq: 19 Sep 2024 17:49

Tgt Ion:248 Resp: 11742
Ion Ratio Lower Upper
248 100
250 192.2 77.6 116.4#
141 521.4 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139469.D

Acq: 19 Sep 2024 17:49

Instrument :

BNA_F

ClientSampleId :

PB163446TB

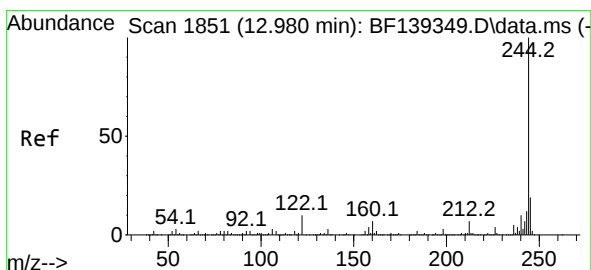
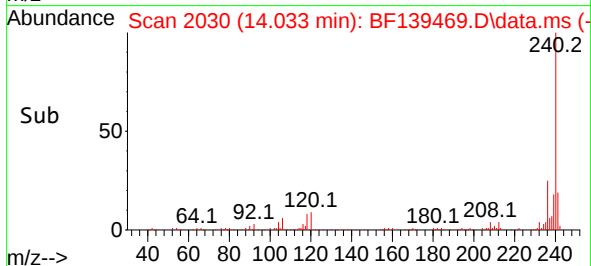
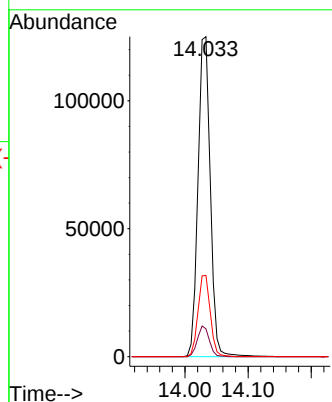
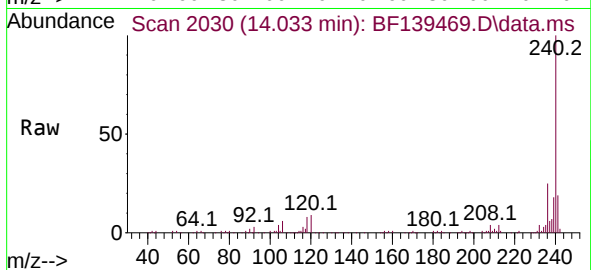
Tgt Ion:240 Resp: 168810

Ion Ratio Lower Upper

240 100

120 8.7 6.2 9.2

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 90.611 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139469.D

Acq: 19 Sep 2024 17:49

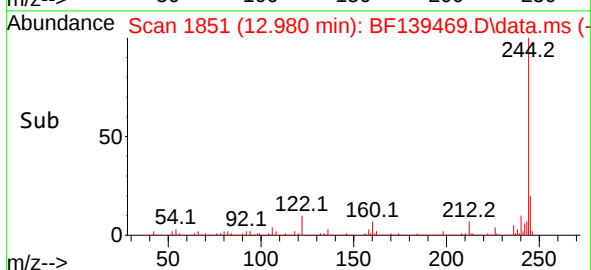
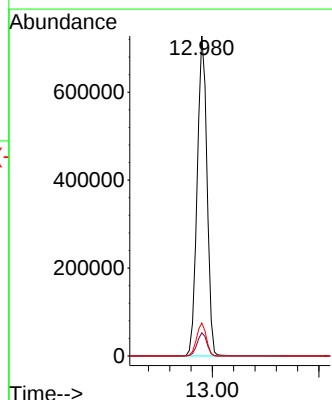
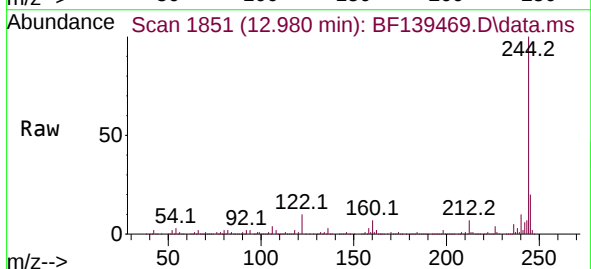
Tgt Ion:244 Resp: 931897

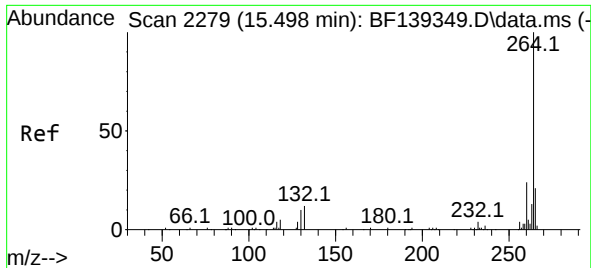
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.3 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139469.D
 Acq: 19 Sep 2024 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB163446TB

Tgt Ion:264 Resp: 140255
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.4 16.6 25.0

