

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128076.D
 Acq On : 04 May 2022 17:23
 Operator : CG\JU
 Sample : N2665-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10,8

Quant Time: May 05 06:05:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

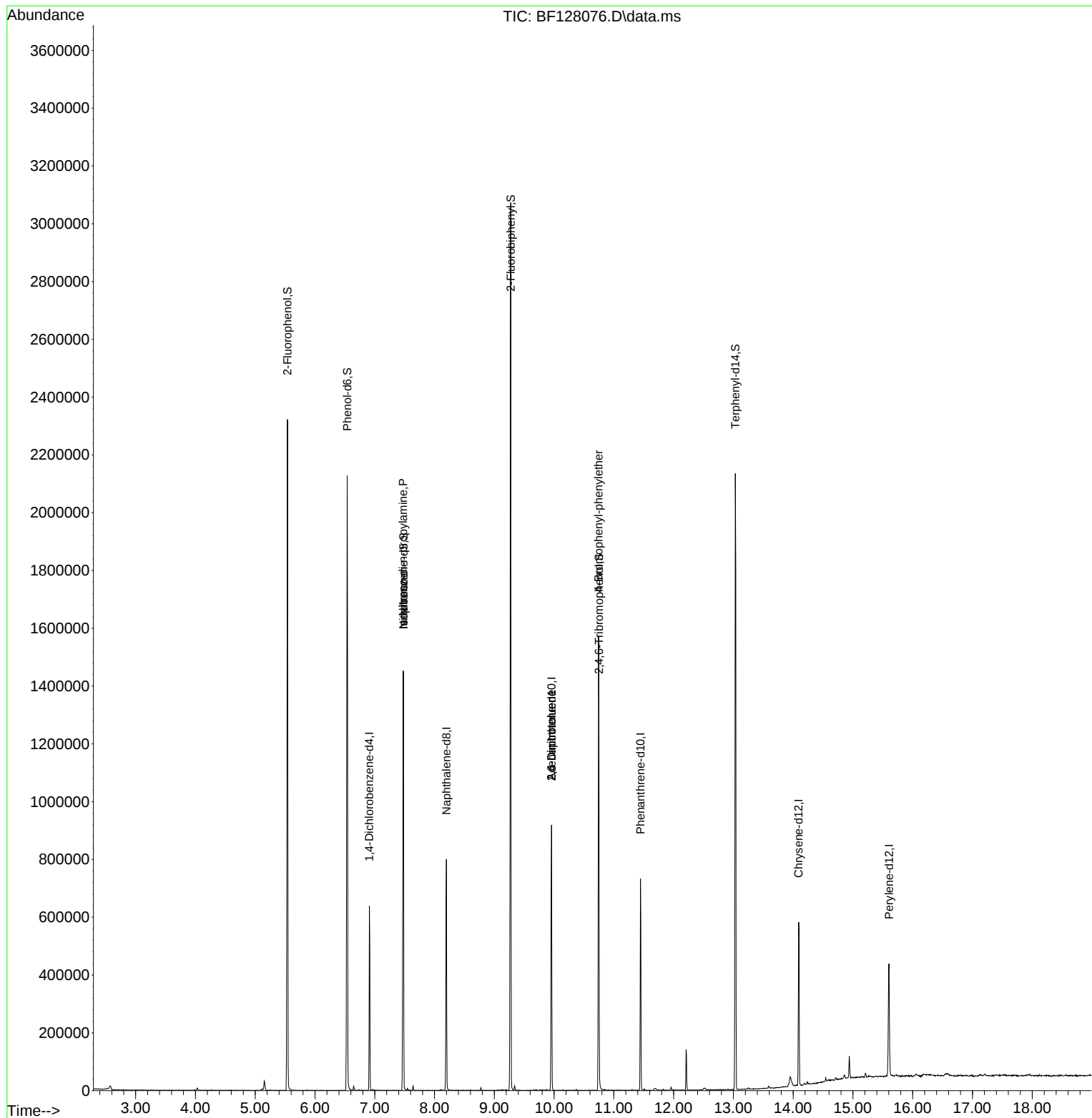
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	84689	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	328825	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	178815	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	264160	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	199338	20.000	ng	-0.01
86) Perylene-d12	15.604	264	184815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	548840	103.223	ng	0.00
7) Phenol-d6	6.539	99	733394	106.301	ng	-0.01
23) Nitrobenzene-d5	7.481	82	525420	75.138	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	181771	100.980	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	879110	83.171	ng	0.00
79) Terphenyl-d14	13.033	244	739739	67.858	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	71215	16.862	ng	# 81
25) Isophorone	7.481	82	525414	44.643	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	22858	8.803	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	22858	6.646	ng	# 25
67) 4-Bromophenyl-phenylether	10.745	248	11240	3.838	ng	# 1

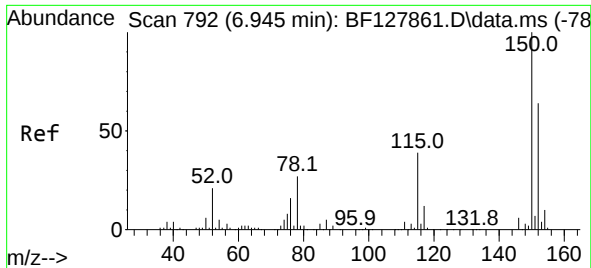
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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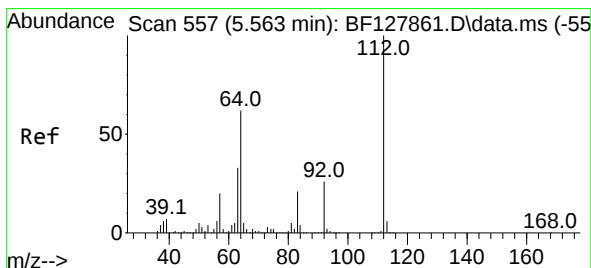
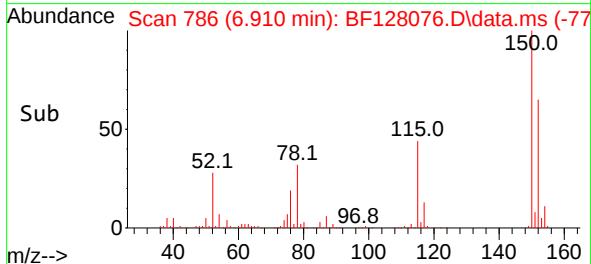
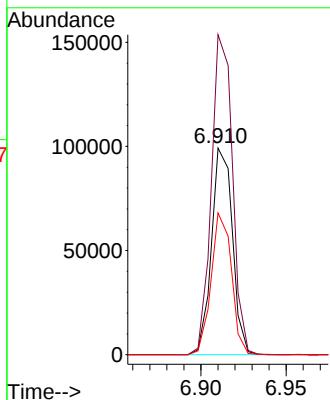
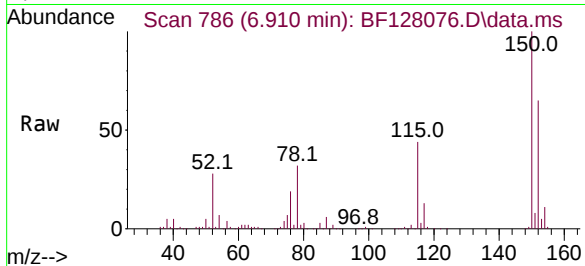




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

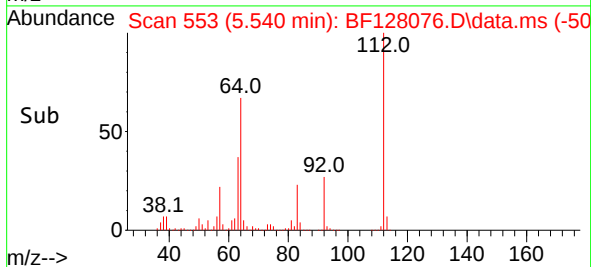
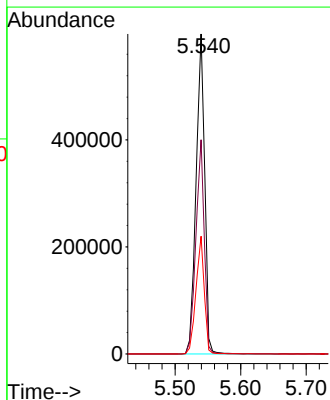
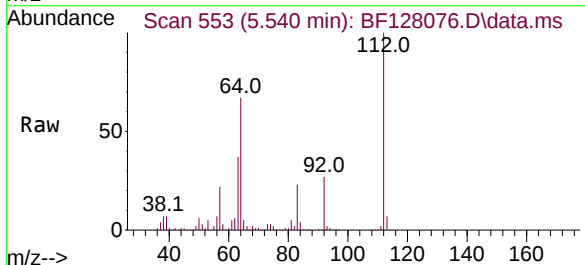
Instrument :
BNA_F
ClientSampleId :
SB-10,8

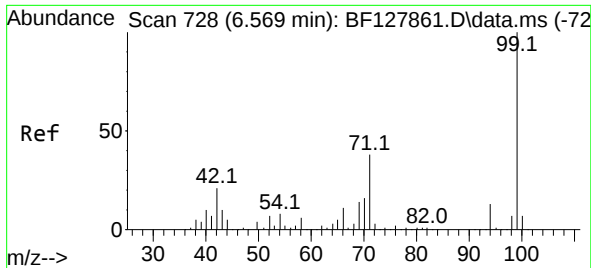
Tgt Ion:152 Resp: 84689
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 68.6 48.8 73.2



#5
2-Fluorophenol
Concen: 103.223 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

Tgt Ion:112 Resp: 548840
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 36.8 26.3 39.5

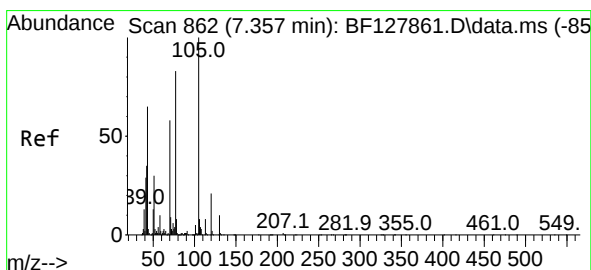
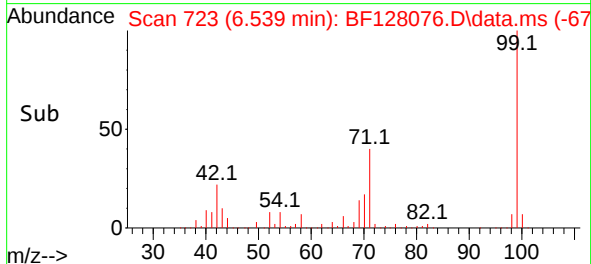
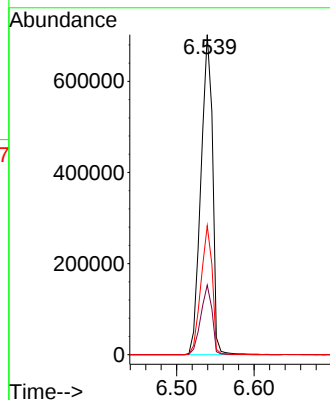
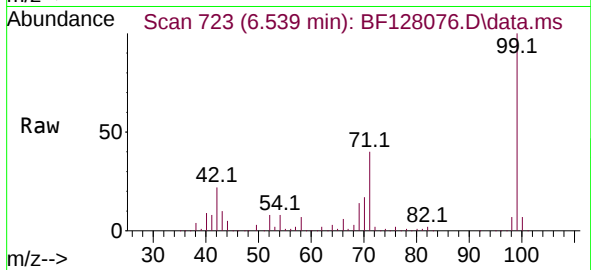




#7
Phenol-d6
Concen: 106.301 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

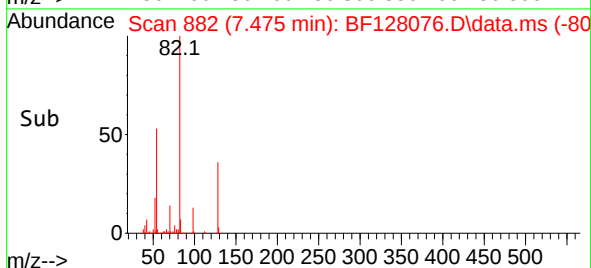
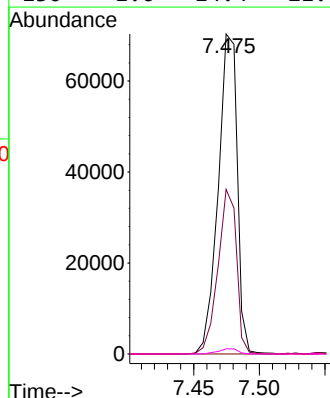
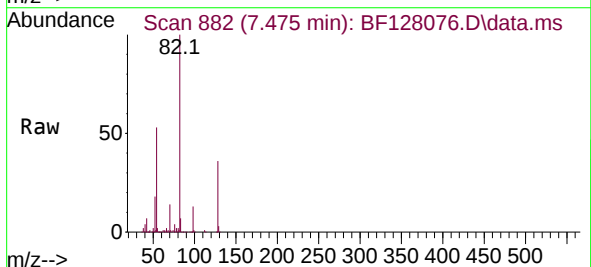
Instrument :
BNA_F
ClientSampleId :
SB-10,8

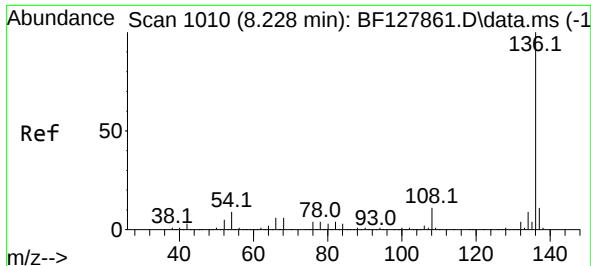
Tgt Ion: 99 Resp: 733394
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 40.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.862 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

Tgt Ion: 70 Resp: 71215
Ion Ratio Lower Upper
70 100
42 51.4 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

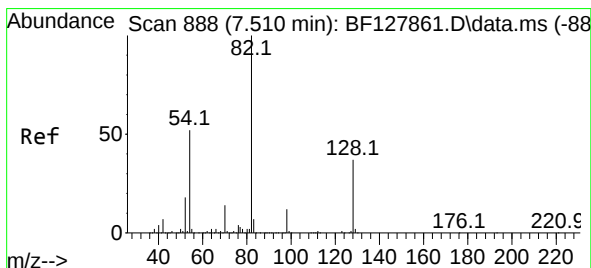
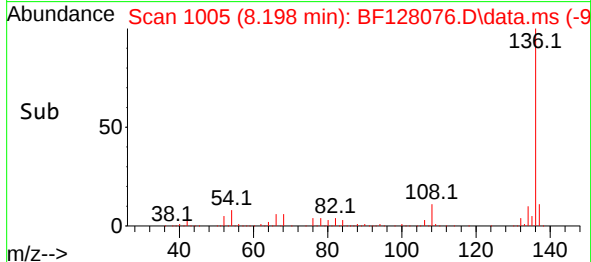
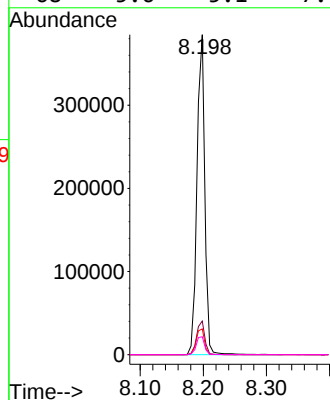
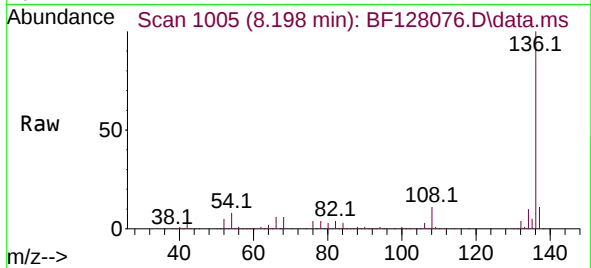




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

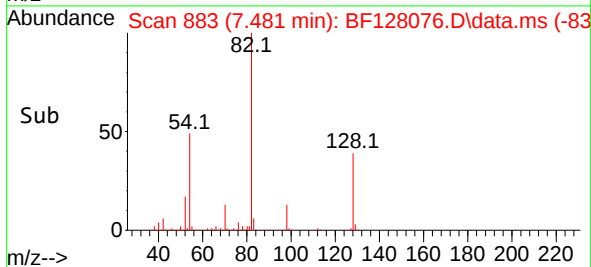
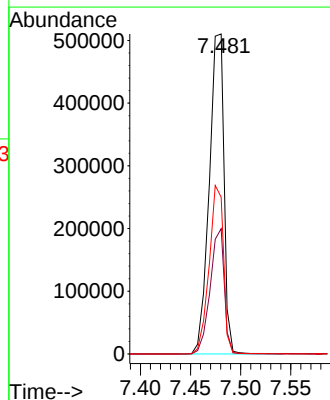
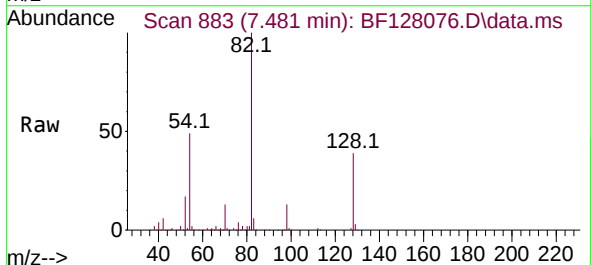
Instrument :
BNA_F
ClientSampleId :
SB-10,8

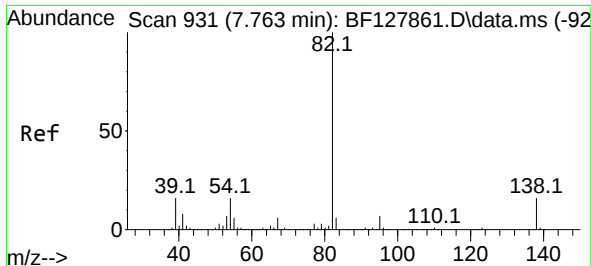
Tgt Ion:136	Resp: 328825
Ion Ratio	Lower Upper
136 100	
137 10.5	8.6 13.0
54 8.1	6.8 10.2
68 5.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 75.138 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

Tgt Ion: 82	Resp: 525420
Ion Ratio	Lower Upper
82 100	
128 39.2	30.0 45.0
54 49.0	41.3 61.9

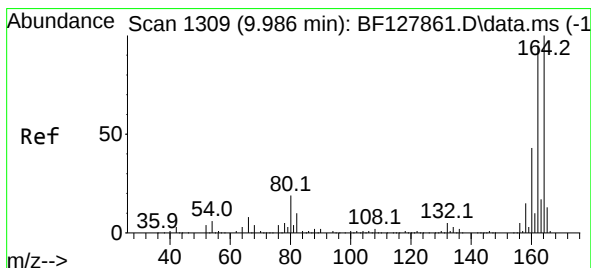
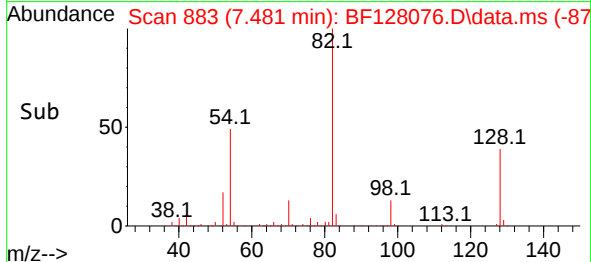
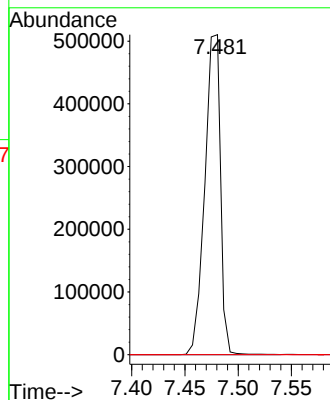
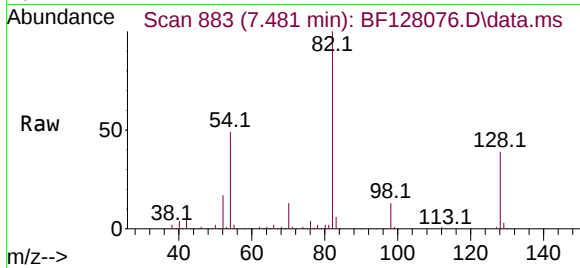




#25
Isophorone
Concen: 44.643 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

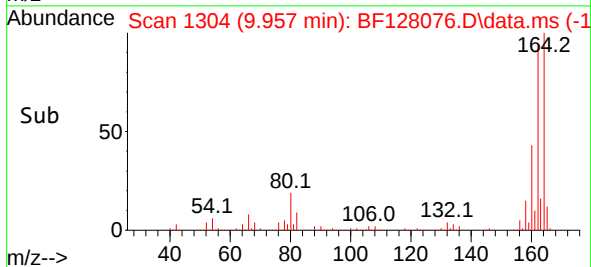
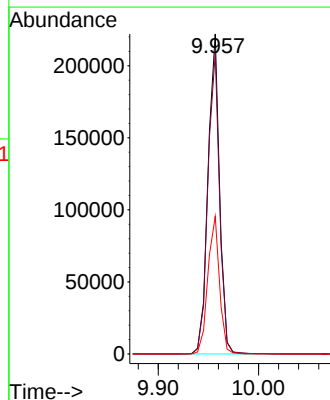
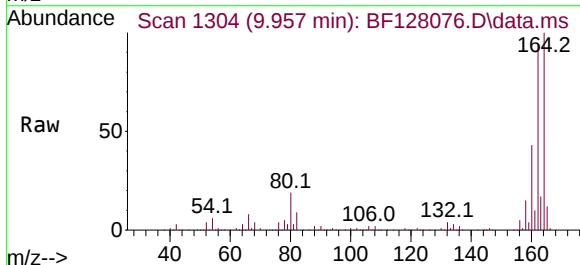
Instrument :
BNA_F
ClientSampleId :
SB-10,8

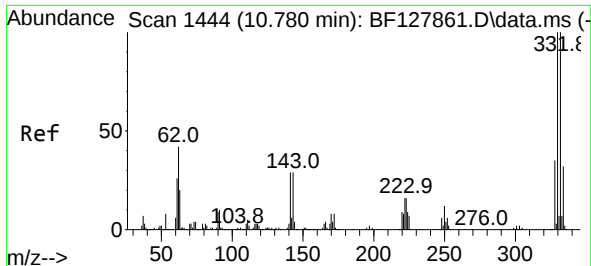
Tgt Ion: 82 Resp: 525414
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

Tgt Ion: 164 Resp: 178815
Ion Ratio Lower Upper
164 100
162 93.9 76.0 114.0
160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 100.980 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128076.D

Acq: 04 May 2022 17:23

Instrument :

BNA_F

ClientSampleId :

SB-10,8

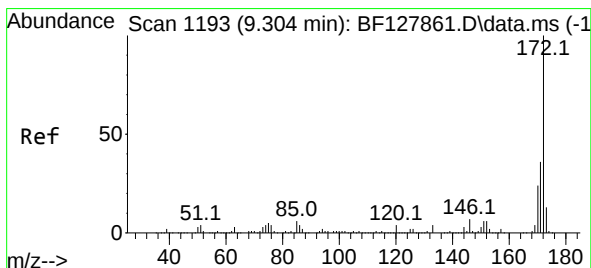
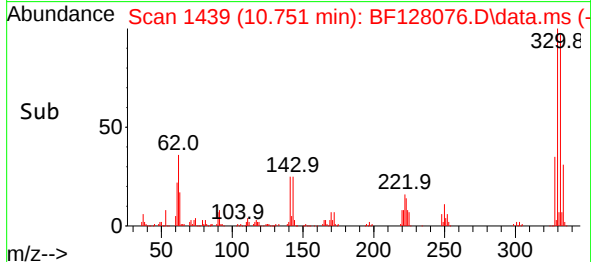
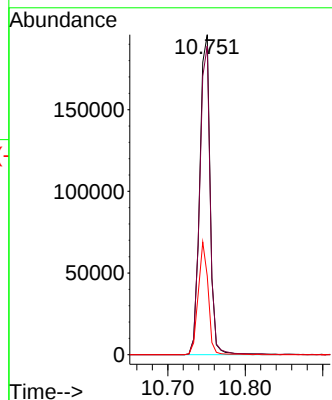
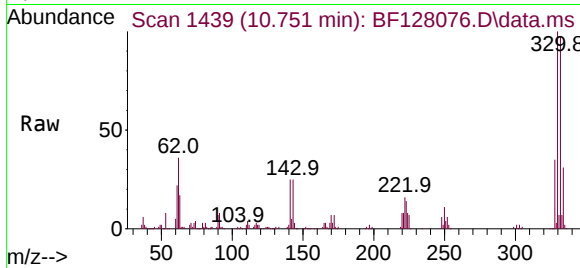
Tgt Ion:330 Resp: 181771

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 83.171 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128076.D

Acq: 04 May 2022 17:23

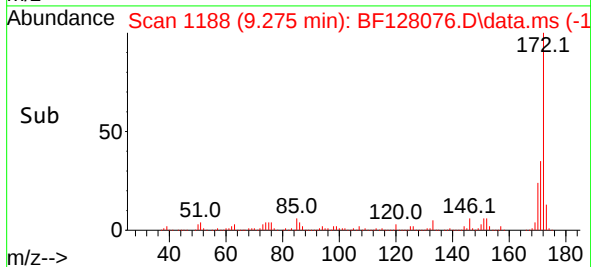
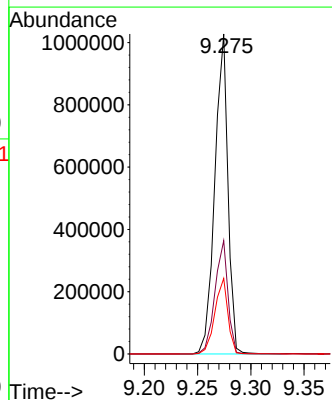
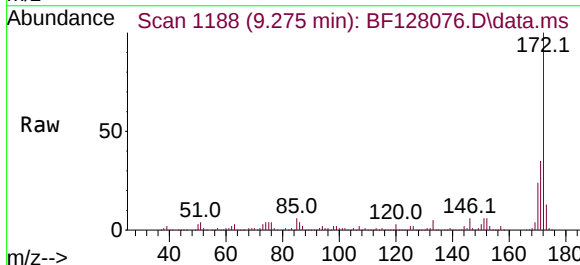
Tgt Ion:172 Resp: 879110

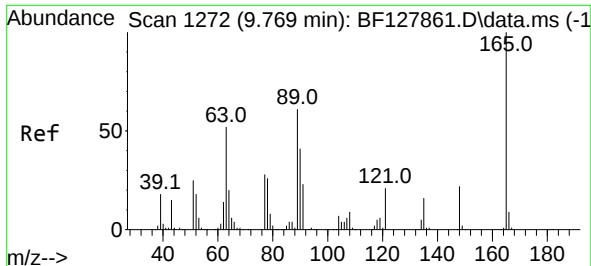
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.6 19.1 28.7

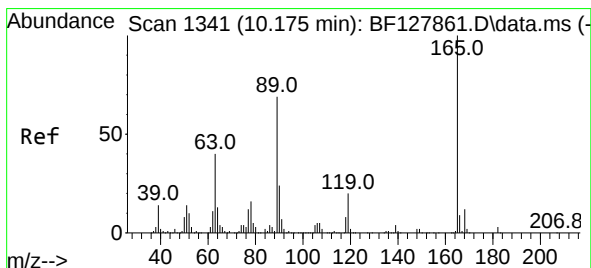
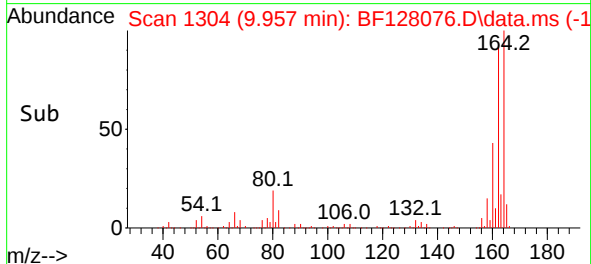
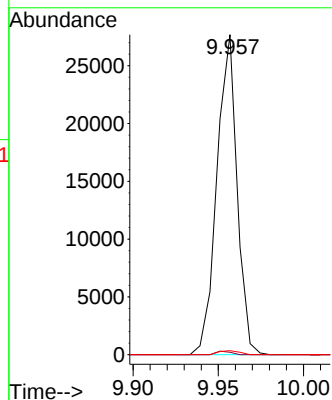
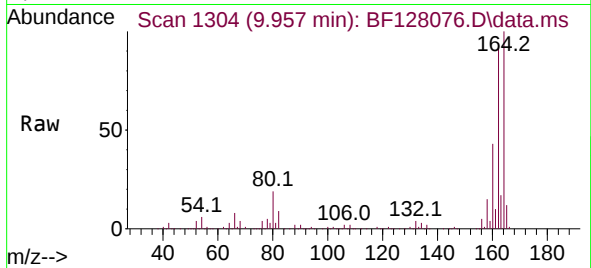




#51
2,6-Dinitrotoluene
Concen: 8.803 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

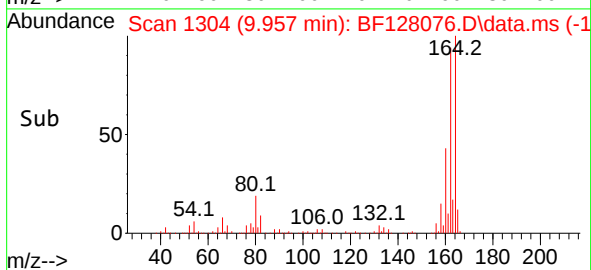
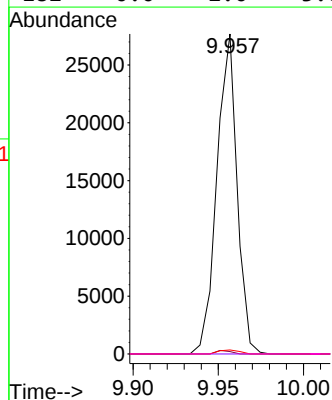
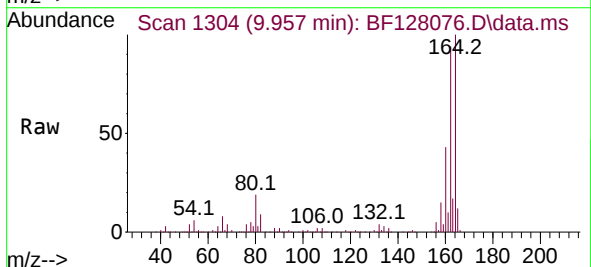
Instrument :
BNA_F
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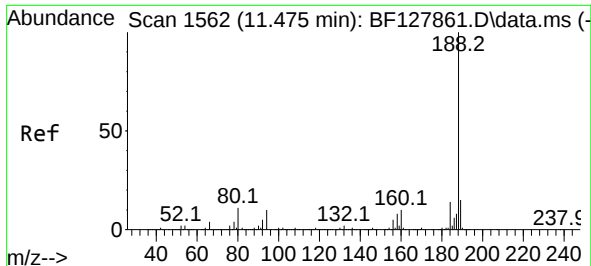
Tgt Ion:165 Resp: 22858
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.646 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

Tgt Ion:165 Resp: 22858
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

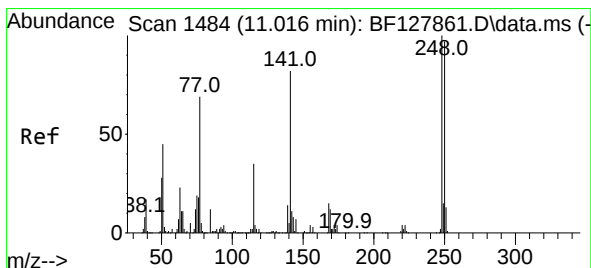
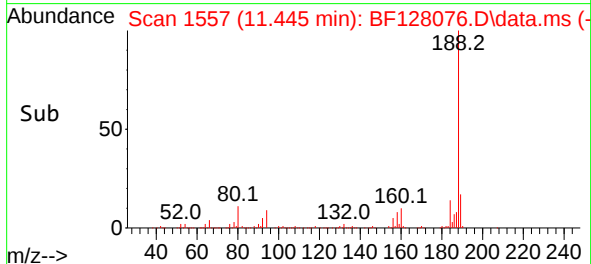
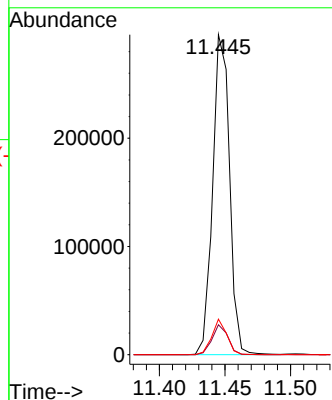
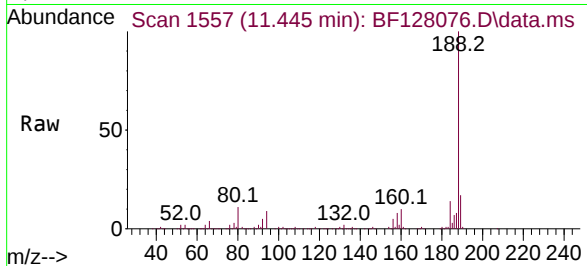




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

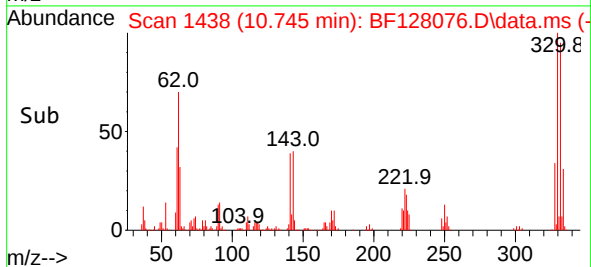
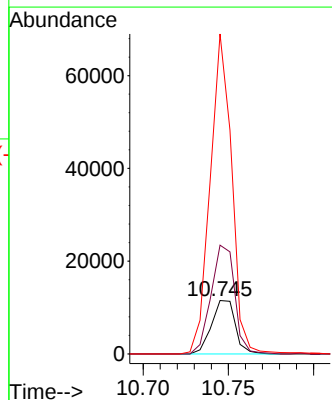
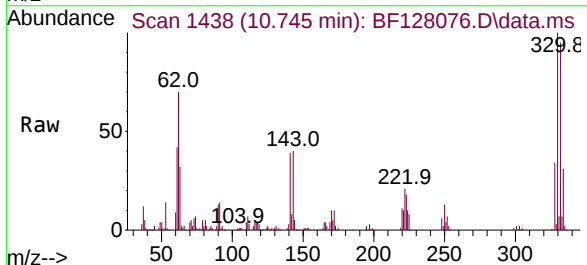
Instrument :
BNA_F
ClientSampleId :
SB-10.8

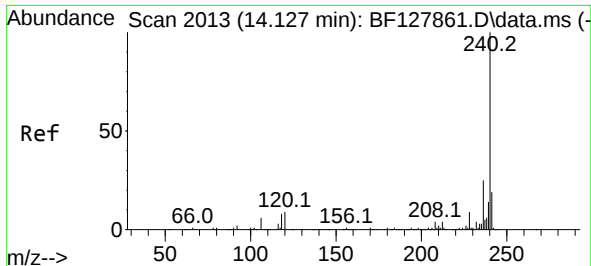
Tgt Ion:188 Resp: 264160
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 11.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.838 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.253 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

Tgt Ion:248 Resp: 11240
Ion Ratio Lower Upper
248 100
250 203.9 77.7 116.5#
141 599.2 65.6 98.4#

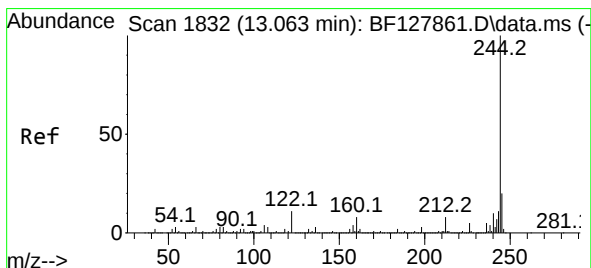
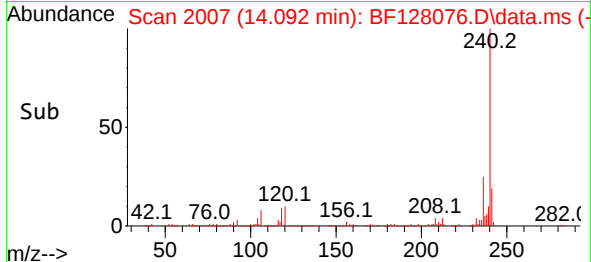
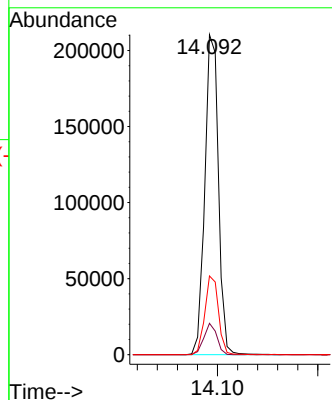
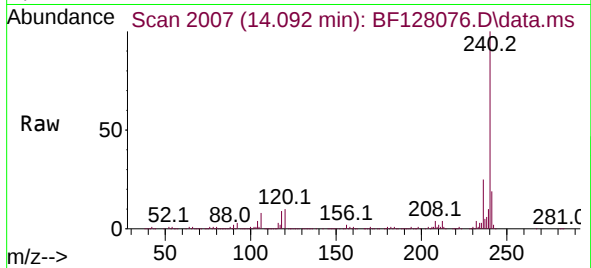




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

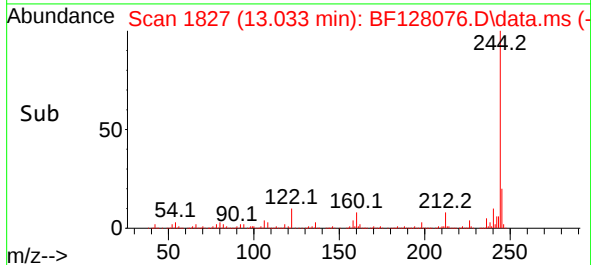
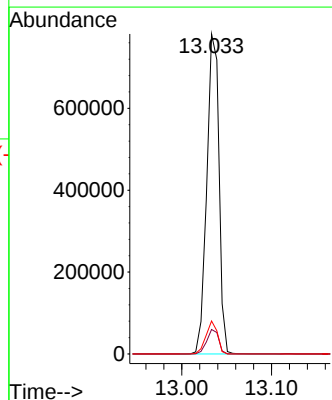
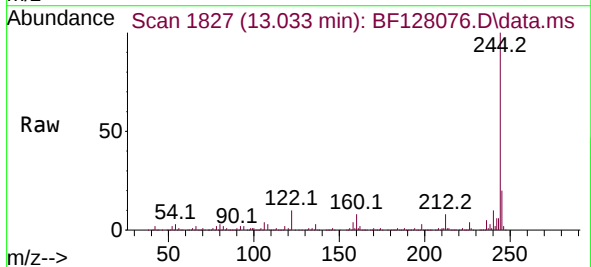
Instrument :
BNA_F
ClientSampleId :
SB-10.8

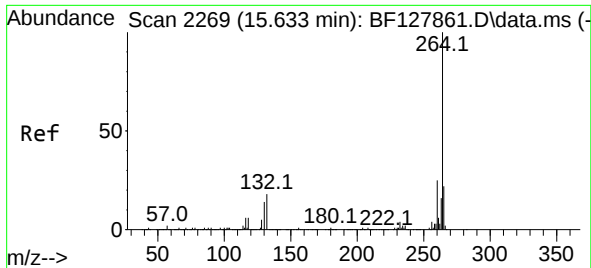
Tgt Ion:240 Resp: 199338
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 24.6 20.3 30.5



#79
Terphenyl-d14
Concen: 67.858 ng
RT: 13.033 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

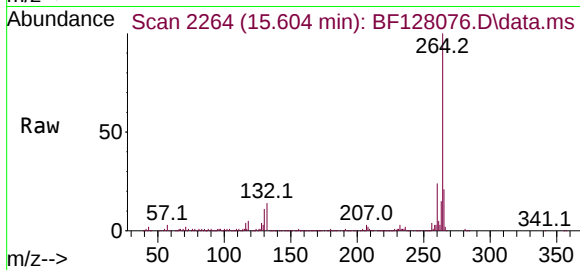
Tgt Ion:244 Resp: 739739
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.3 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128076.D
Acq: 04 May 2022 17:23

Instrument :
BNA_F
ClientSampleId :
SB-10,8



Tgt Ion:264 Resp: 184815

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.2	17.5	26.3

