

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127873.D
 Acq On : 25 Apr 2022 11:44
 Operator : CG\JU
 Sample : N2487-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-1-E

Quant Time: Apr 25 16:55:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

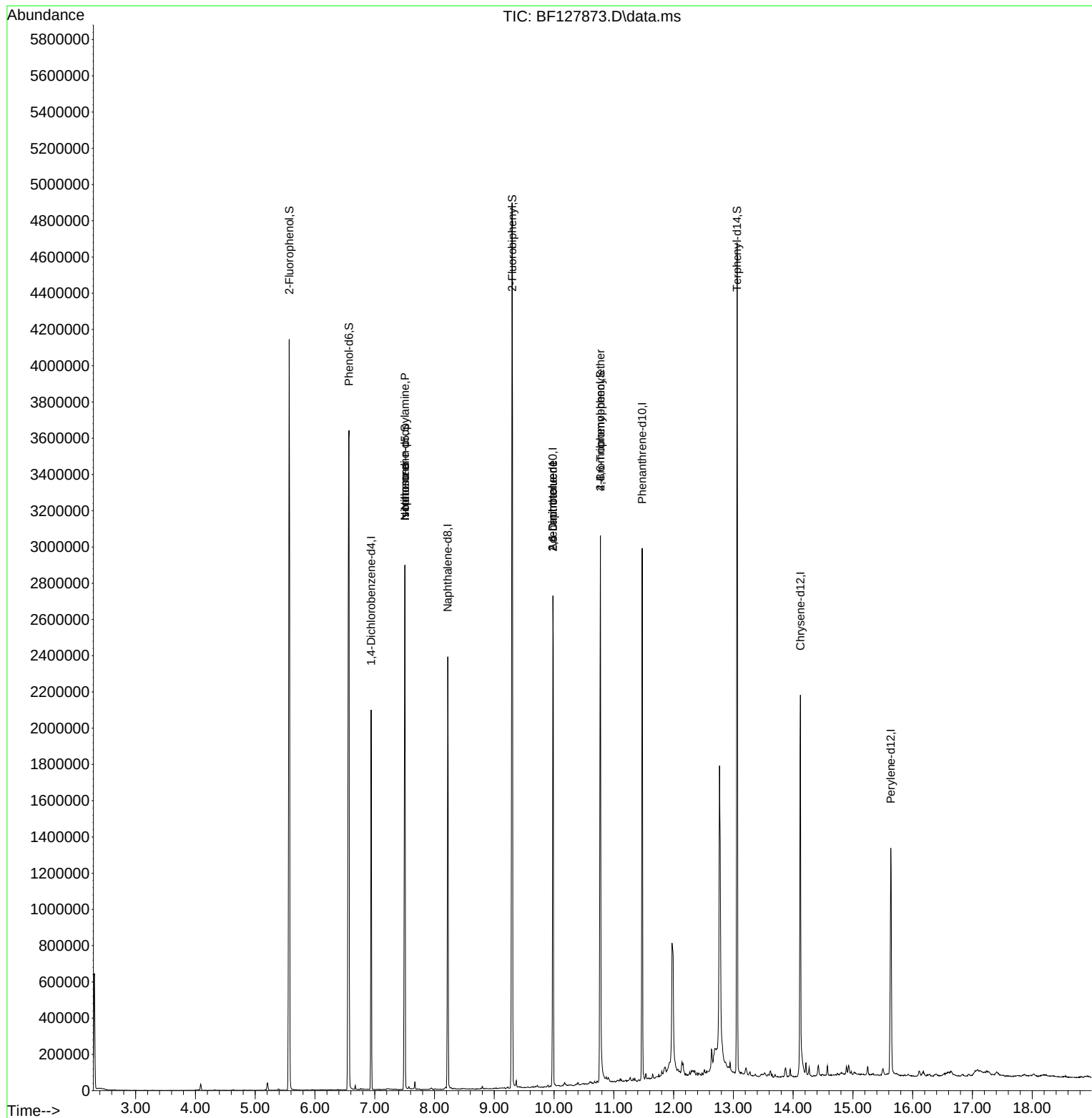
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	278801	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	1082590	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	612972	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	1088280	20.000	ng	0.00
76) Chrysene-d12	14.121	240	708993	20.000	ng	0.00
86) Perylene-d12	15.633	264	635519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1184467	67.668	ng	0.00
7) Phenol-d6	6.569	99	1526523	67.210	ng	0.00
23) Nitrobenzene-d5	7.504	82	1094134	47.526	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	398554	64.589	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1666479	45.993	ng	0.00
79) Terphenyl-d14	13.063	244	1655638	42.701	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	148321	10.668	ng	# 77
25) Isophorone	7.504	82	1094123	28.237	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	81392	9.145	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	81392	6.904	ng	# 26
67) 4-Bromophenyl-phenylether	10.775	248	24672	2.045	ng	# 1

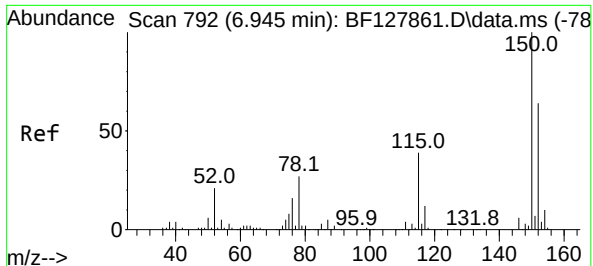
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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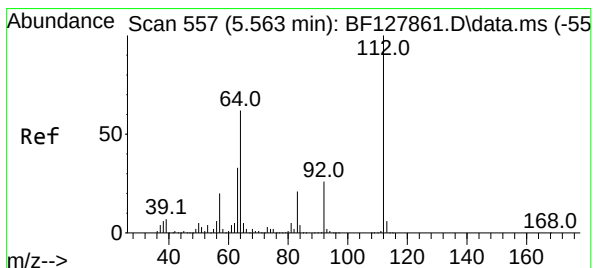
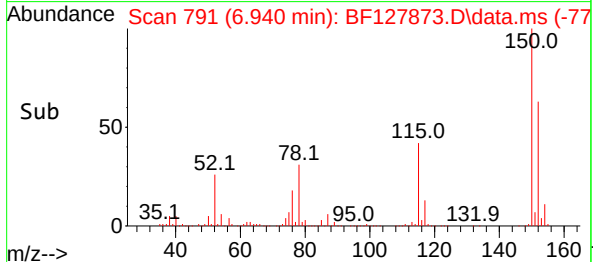
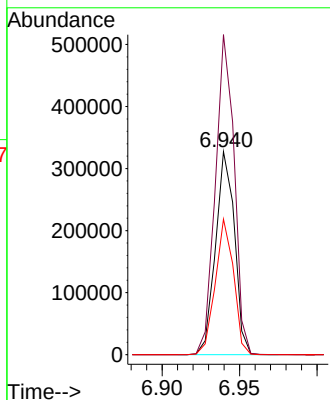
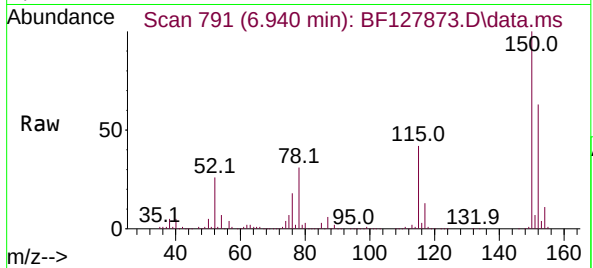




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

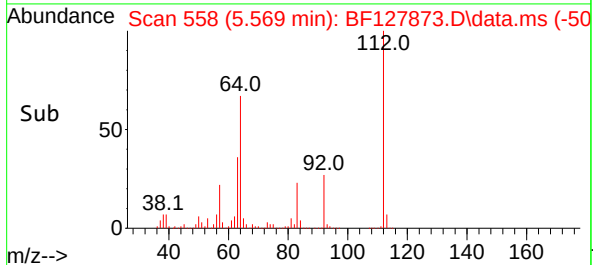
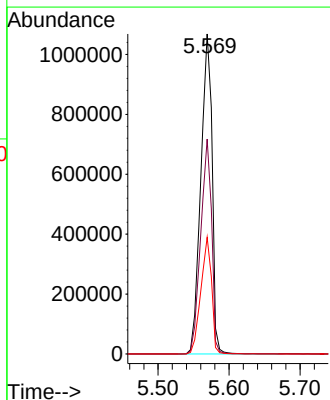
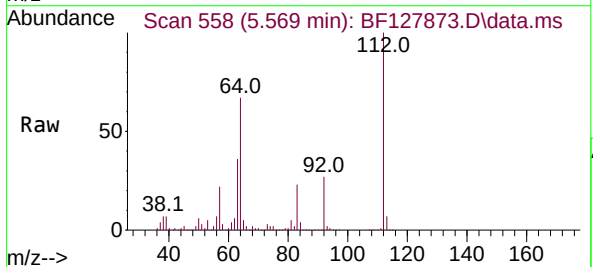
Instrument :
BNA_F
ClientSampleId :
UST-1-E

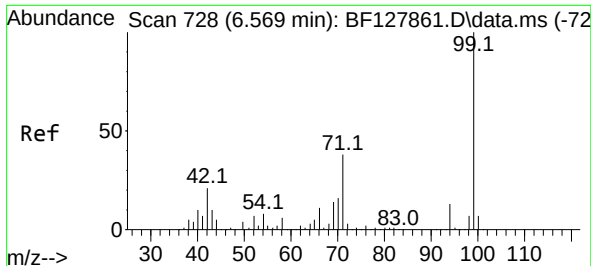
Tgt Ion:152 Resp: 278801
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 66.7 48.8 73.2



#5
2-Fluorophenol
Concen: 67.668 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion:112 Resp: 1184467
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 36.5 26.3 39.5





#7

Phenol-d6

Concen: 67.210 ng

RT: 6.569 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF127873.D

Acq: 25 Apr 2022 11:44

Instrument :

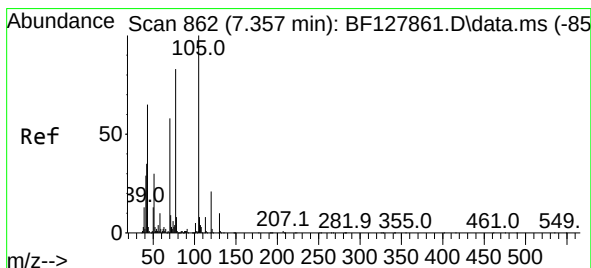
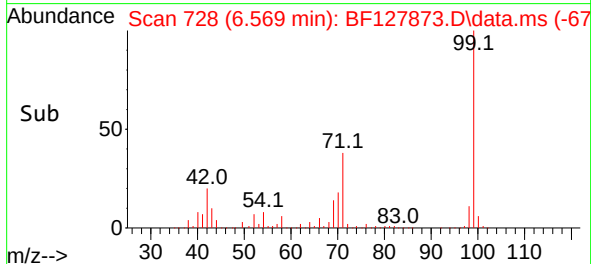
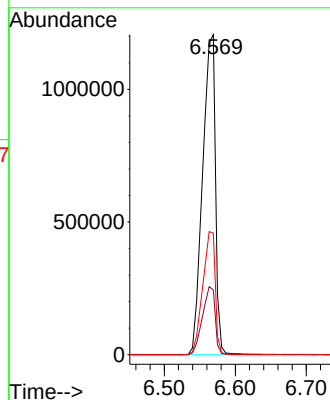
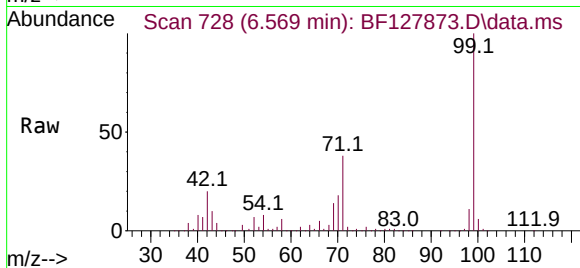
BNA_F

ClientSampleId :

UST-1-E

Tgt Ion: 99 Resp: 1526523

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.6	24.8
71	38.0	30.0	45.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.668 ng

RT: 7.504 min Scan# 887

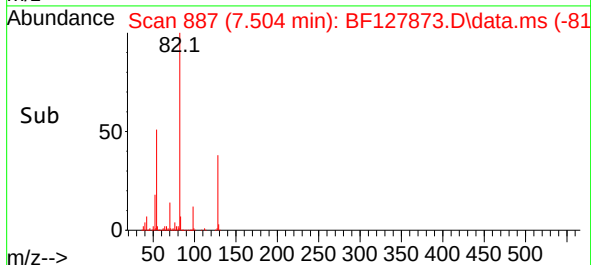
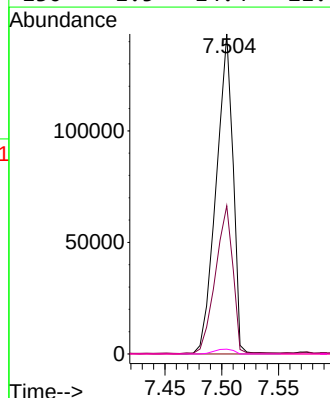
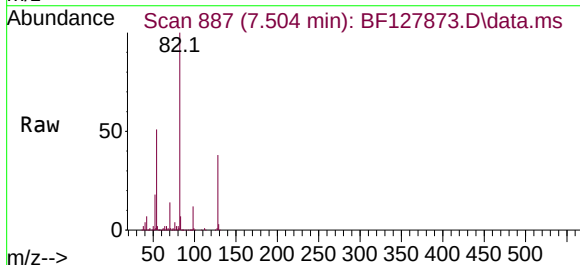
Delta R.T. 0.147 min

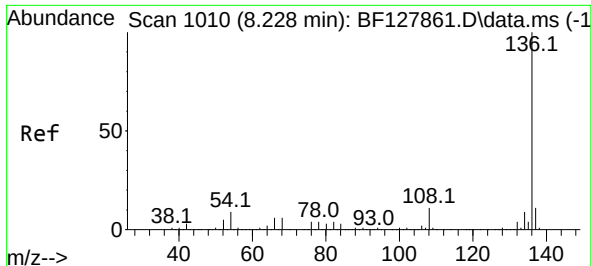
Lab File: BF127873.D

Acq: 25 Apr 2022 11:44

Tgt Ion: 70 Resp: 148321

Ion	Ratio	Lower	Upper
70	100		
42	46.3	48.7	73.1#
101	0.0	7.2	10.8#
130	1.5	14.4	21.6#

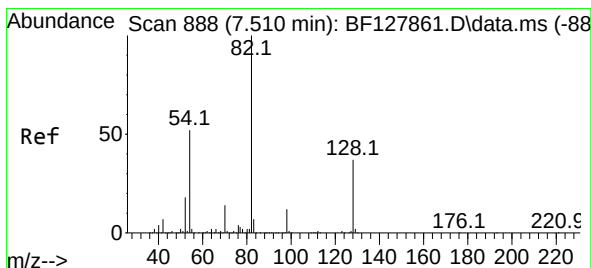
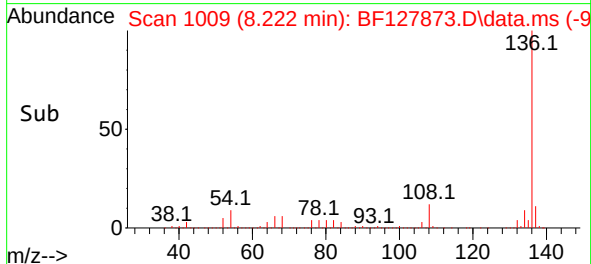
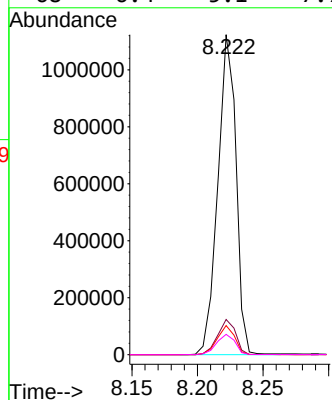
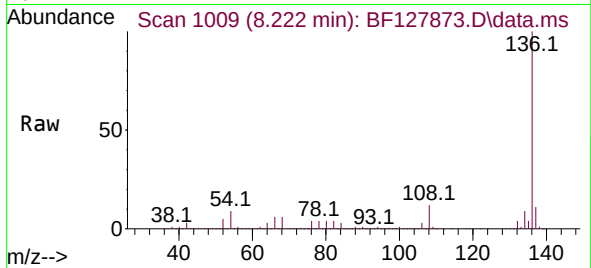




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

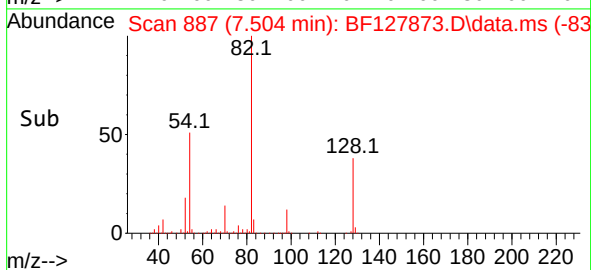
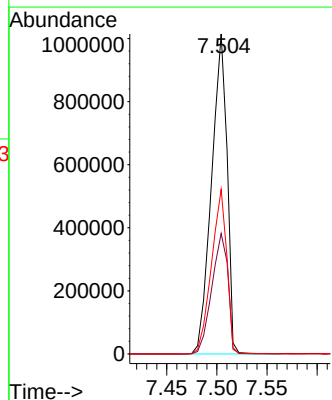
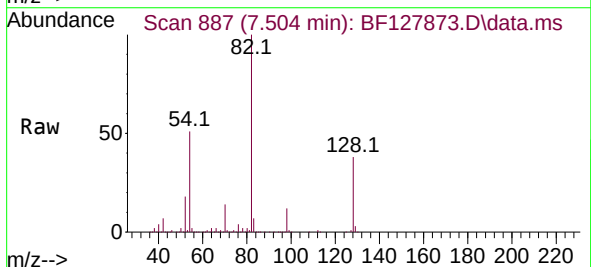
Instrument :
BNA_F
ClientSampleId :
UST-1-E

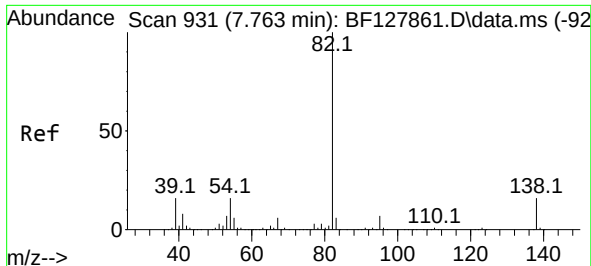
Tgt Ion:136 Resp: 1082590
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 6.8 10.2
68 6.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 47.526 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion: 82 Resp: 1094134
Ion Ratio Lower Upper
82 100
128 37.7 30.0 45.0
54 51.5 41.3 61.9

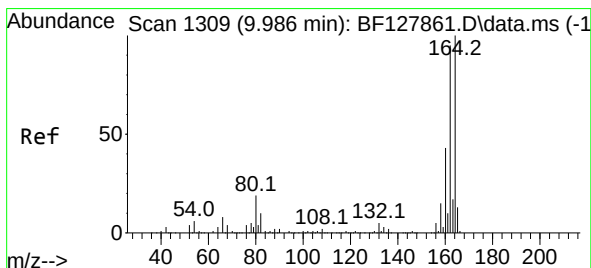
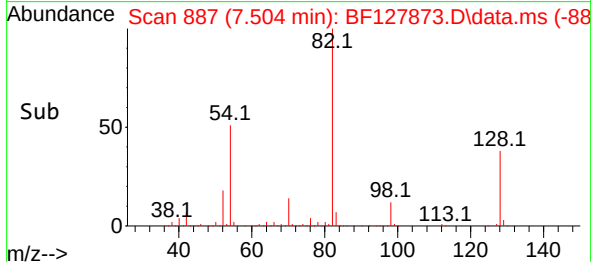
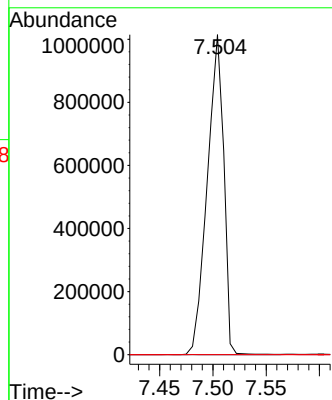
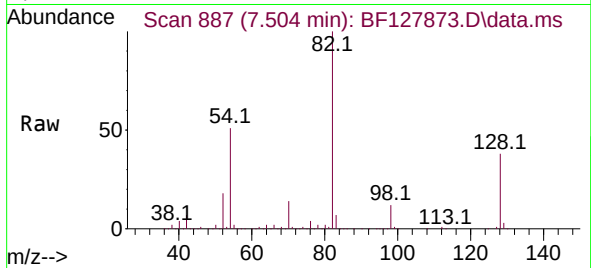




#25
Isophorone
Concen: 28.237 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

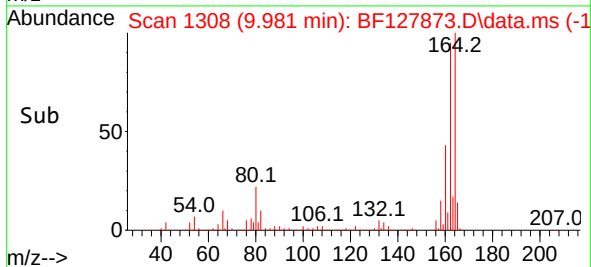
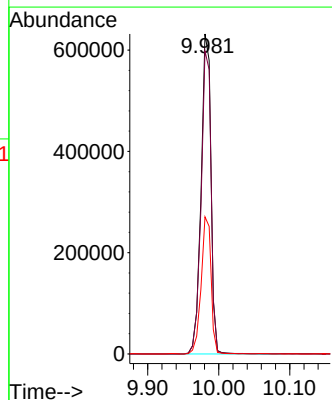
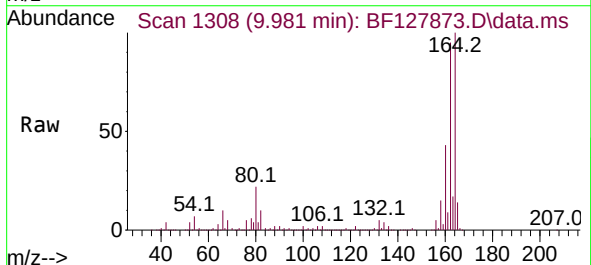
Instrument :
BNA_F
ClientSampleId :
UST-1-E

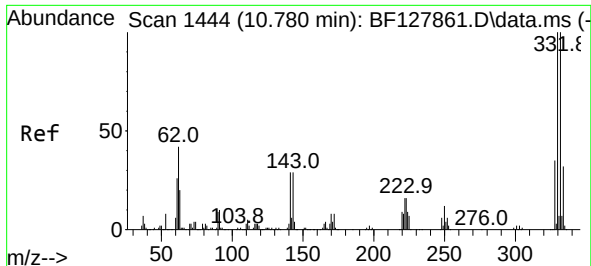
Tgt Ion: 82 Resp: 1094123
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion: 164 Resp: 612972
Ion Ratio Lower Upper
164 100
162 94.7 76.0 114.0
160 42.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 64.589 ng

RT: 10.775 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127873.D

Acq: 25 Apr 2022 11:44

Instrument :

BNA_F

ClientSampleId :

UST-1-E

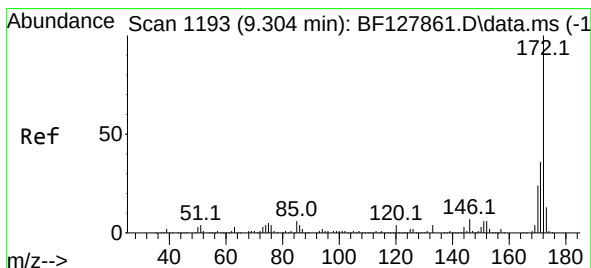
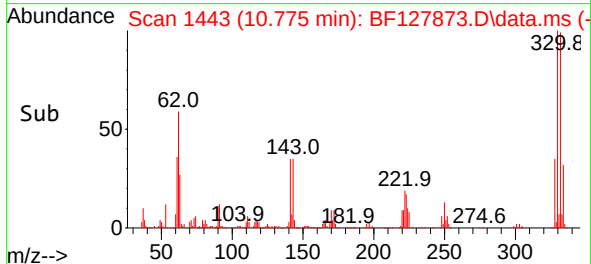
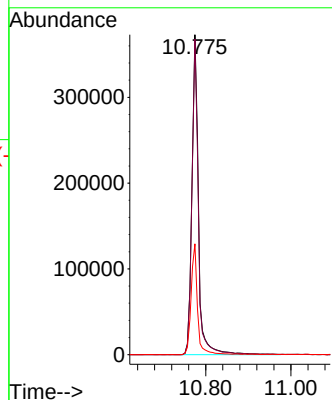
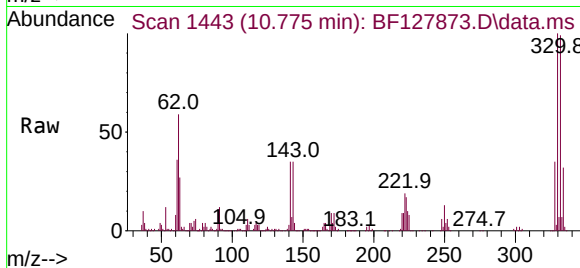
Tgt Ion:330 Resp: 398554

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

141 33.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 45.993 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127873.D

Acq: 25 Apr 2022 11:44

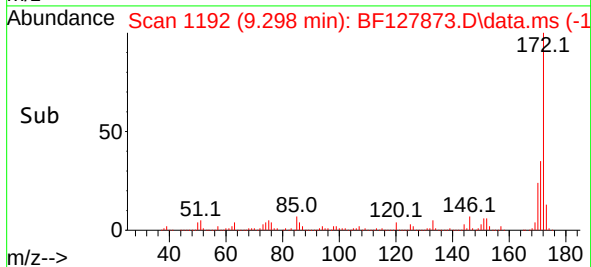
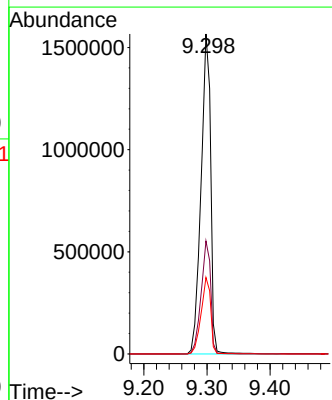
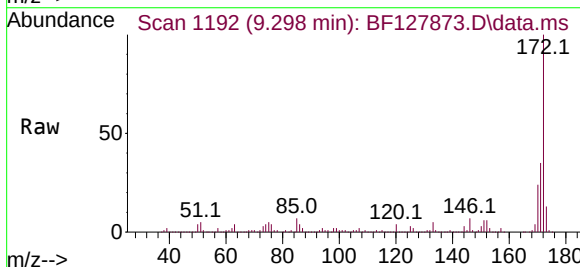
Tgt Ion:172 Resp: 1666479

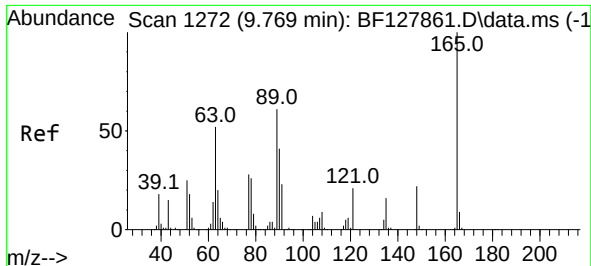
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.9 19.1 28.7

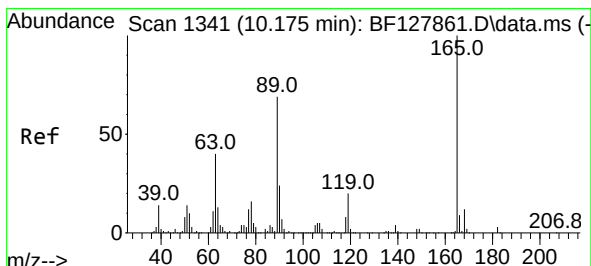
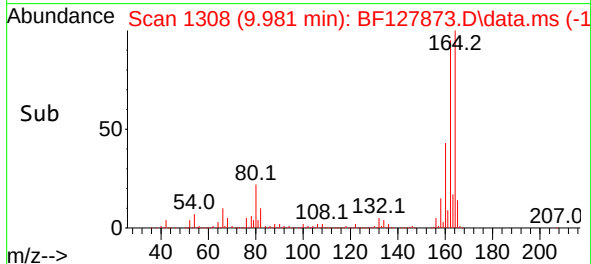
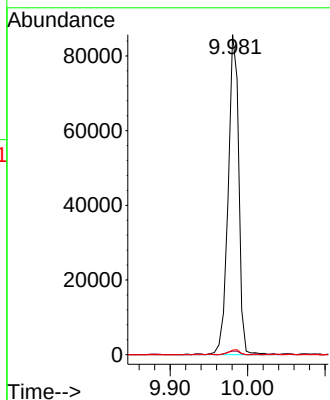
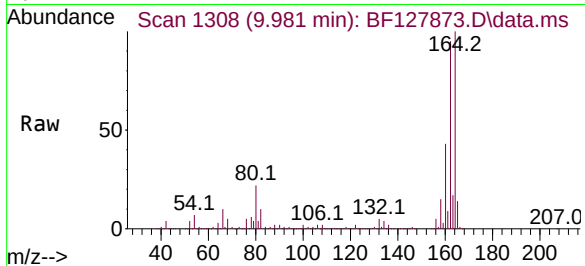




#51
2,6-Dinitrotoluene
Concen: 9.145 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

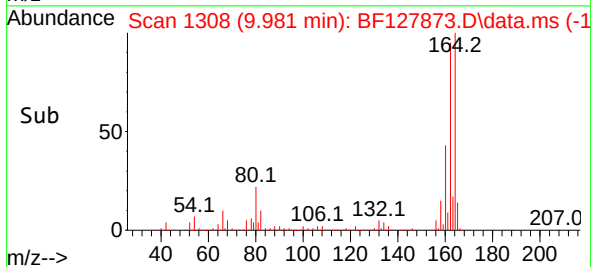
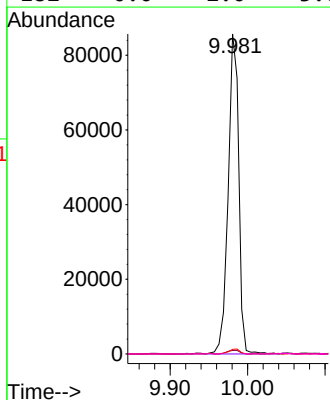
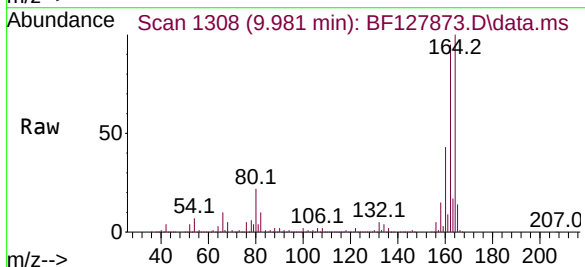
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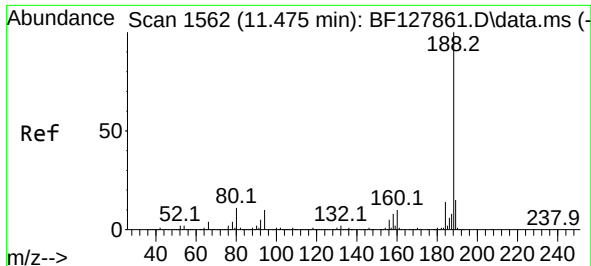
Tgt Ion:165 Resp: 81392
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.904 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion:165 Resp: 81392
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

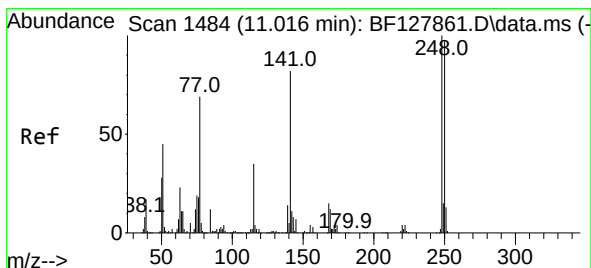
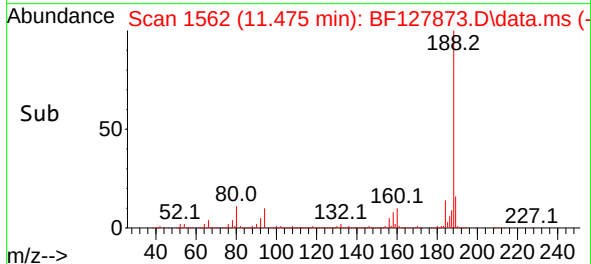
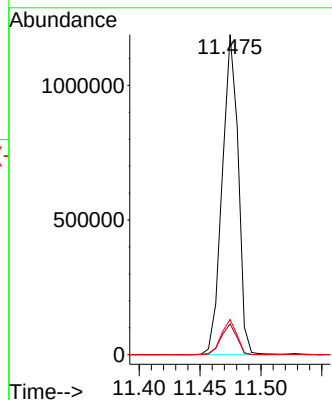
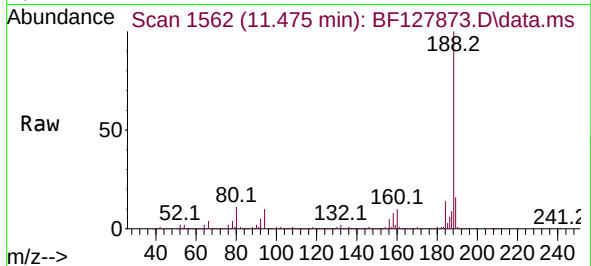




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

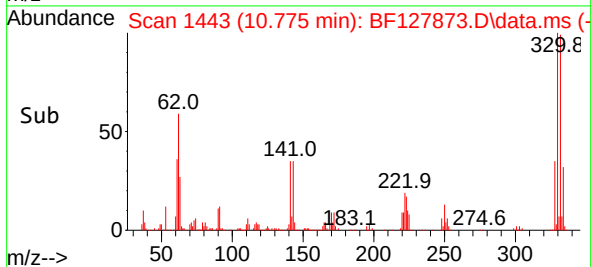
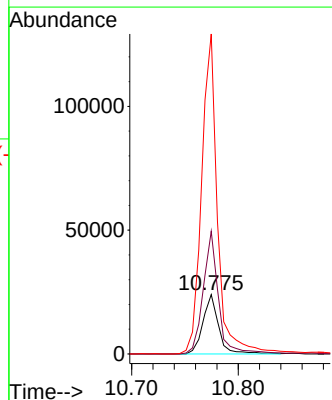
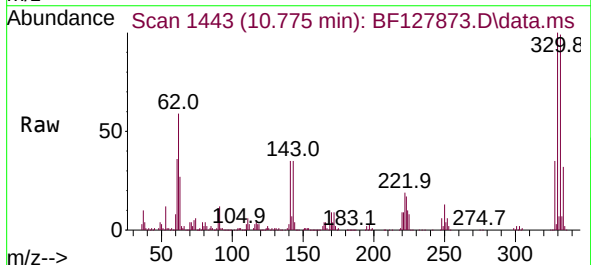
Instrument :
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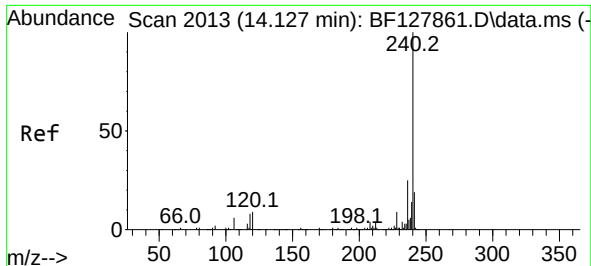
Tgt Ion:188 Resp: 1088280
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 11.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.045 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion:248 Resp: 24672
Ion Ratio Lower Upper
248 100
250 206.9 77.7 116.5#
141 539.6 65.6 98.4#

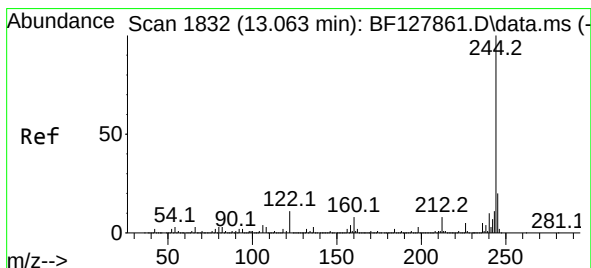
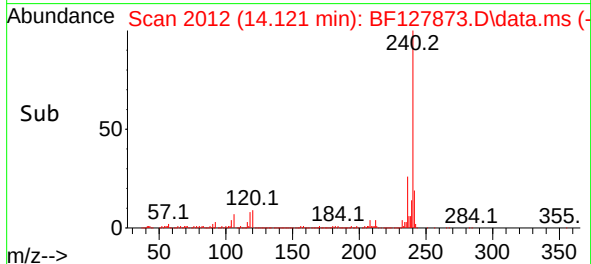
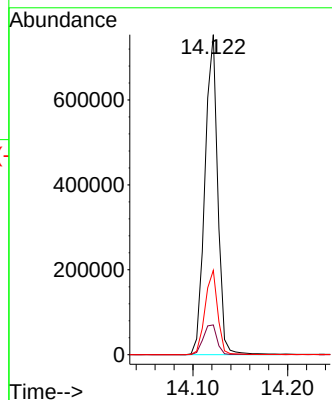
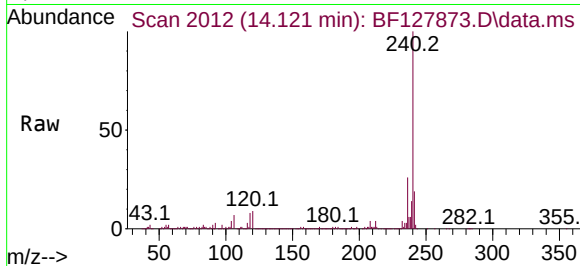




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

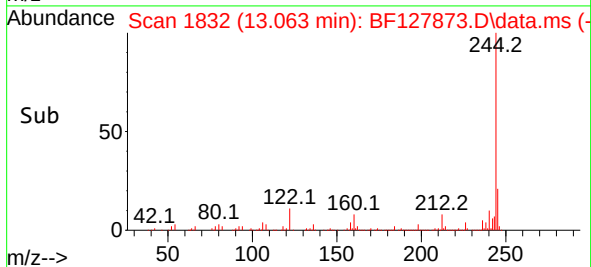
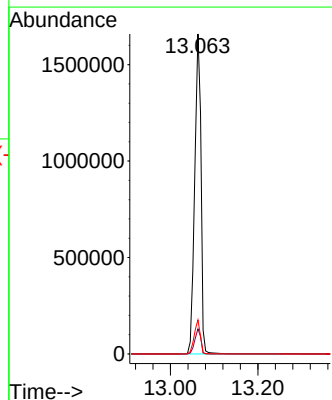
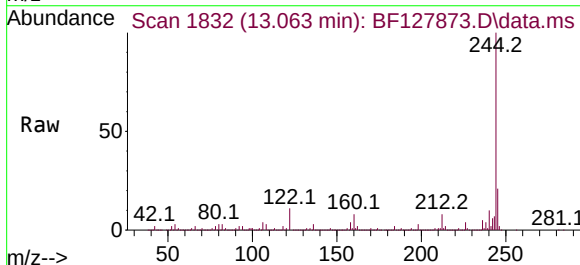
Instrument :
BNA_F
ClientSampleId :
UST-1-E

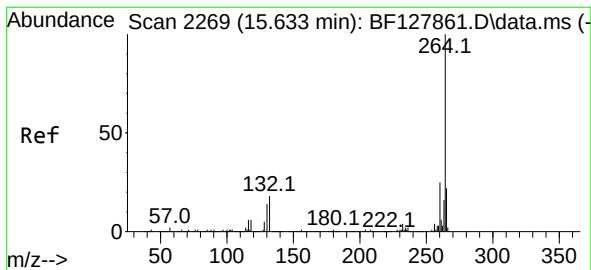
Tgt Ion:240 Resp: 708993
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 26.3 20.3 30.5



#79
Terphenyl-d14
Concen: 42.701 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF127873.D
Acq: 25 Apr 2022 11:44

Tgt Ion:244 Resp: 1655638
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 10.6 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127873.D

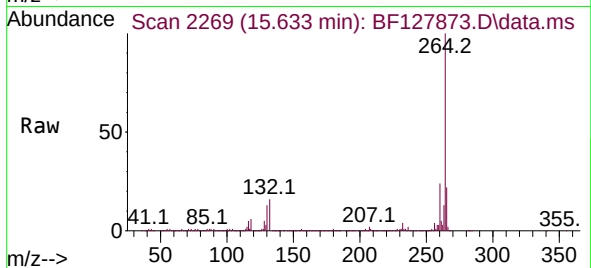
Acq: 25 Apr 2022 11:44

Instrument :

BNA_F

ClientSampleId :

UST-1-E



Tgt Ion:264 Resp: 635519

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 22.2 17.5 26.3

