

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125901.D
 Acq On : 19 Oct 2021 15:47
 Operator : JU/CG
 Sample : M4268-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P257-DITCH

Quant Time: Oct 19 16:47:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

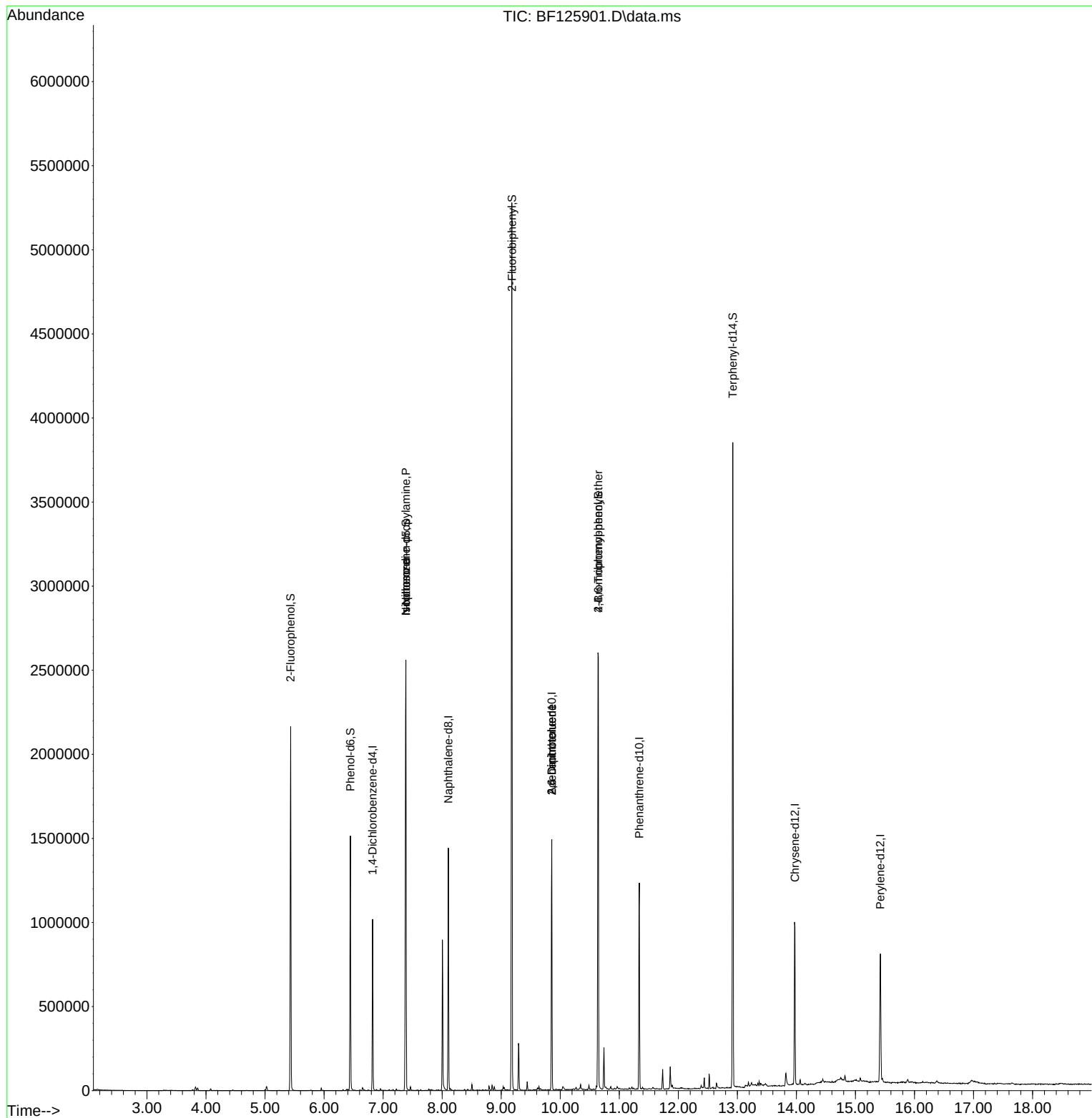
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	142649	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	573420	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	292025	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	445973	20.000	ng	0.00
76) Chrysene-d12	13.974	240	340393	20.000	ng	0.00
86) Perylene-d12	15.421	264	323121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	625007	71.576	ng	0.00
7) Phenol-d6	6.445	99	490024	43.592	ng	-0.01
23) Nitrobenzene-d5	7.386	82	859655	93.189	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	375806	130.344	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1624085	95.925	ng	0.00
79) Terphenyl-d14	12.921	244	1263616	56.547	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	108372	18.263	ng	# 49
25) Isophorone	7.386	82	857772	52.485	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	38046	9.791	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	38046	7.744	ng	# 19
67) 4-Bromophenyl-phenylether	10.645	248	21051	4.262	ng	# 1

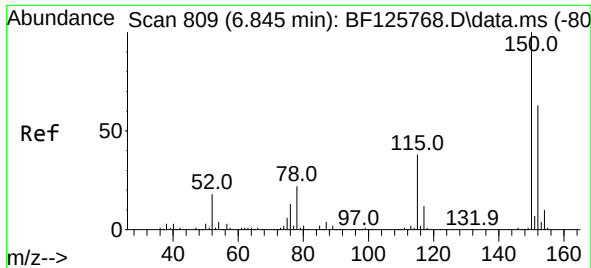
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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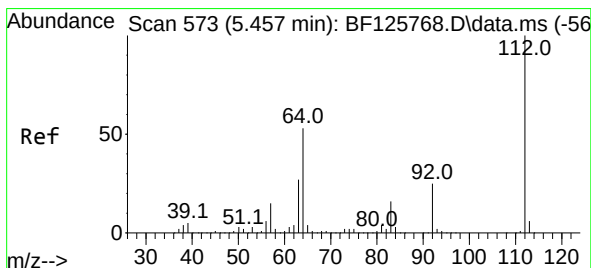
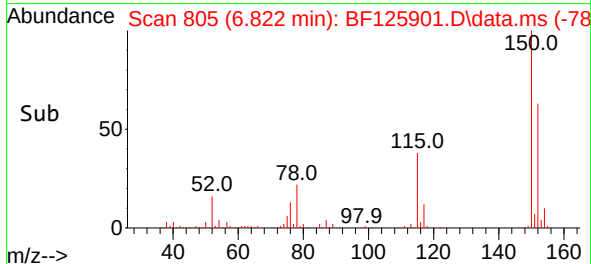
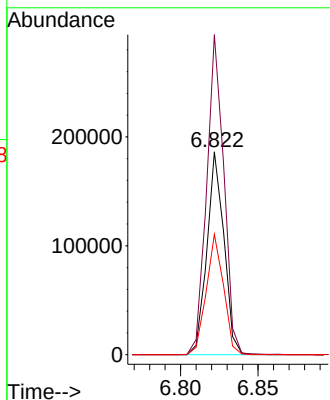
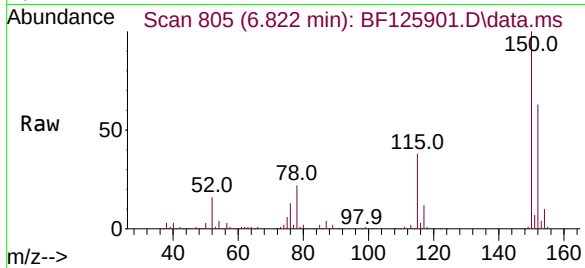




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

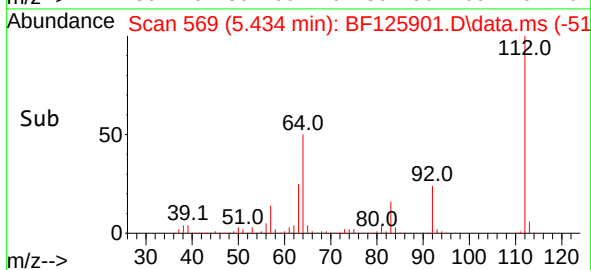
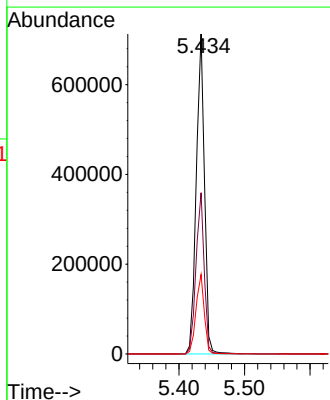
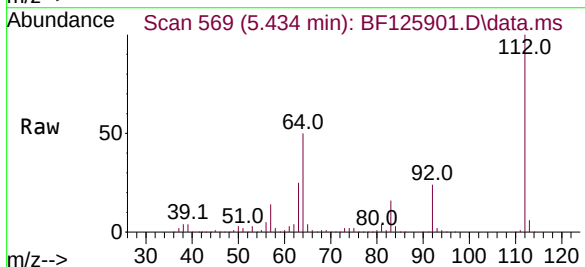
Instrument :
BNA_F
ClientSampleId :
P257-DITCH

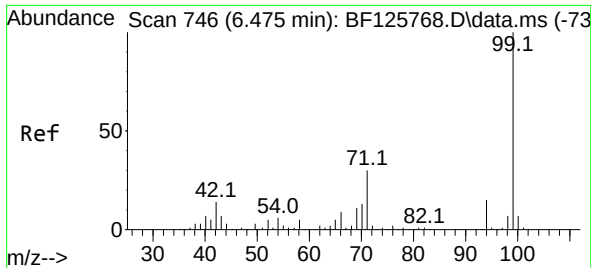
Tgt Ion:152 Resp: 142649
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 71.576 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

Tgt Ion:112 Resp: 625007
Ion Ratio Lower Upper
112 100
64 50.4 44.2 66.2
63 24.9 26.2 39.2#

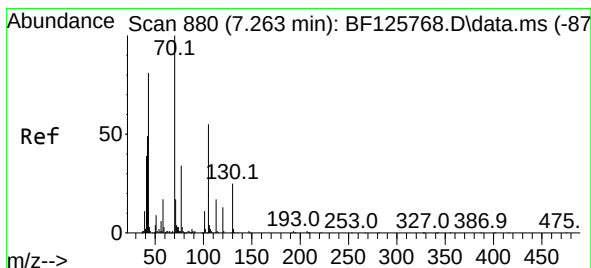
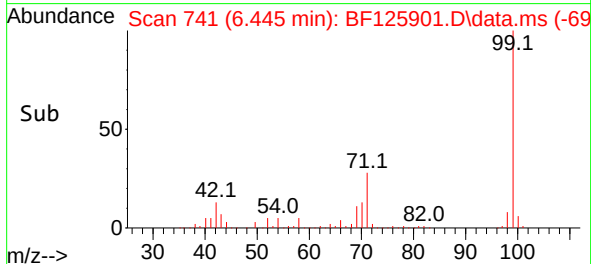
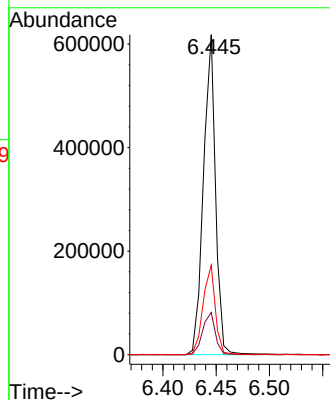
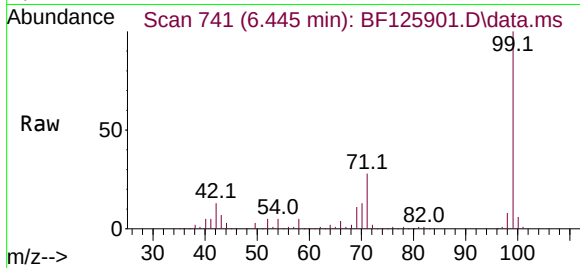




#7
Phenol-d6
Concen: 43.592 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

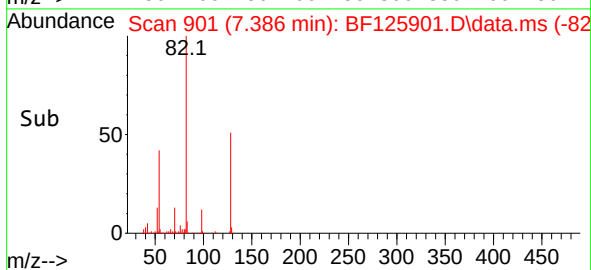
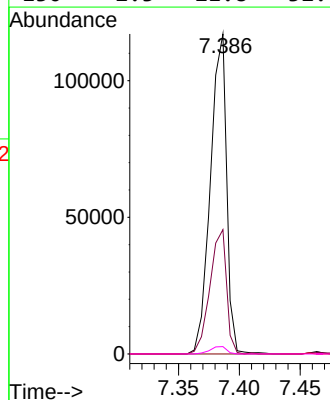
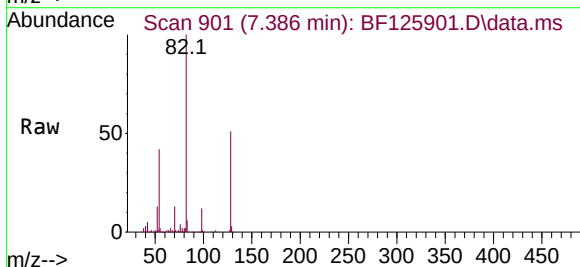
Instrument :
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ClientSampleId :
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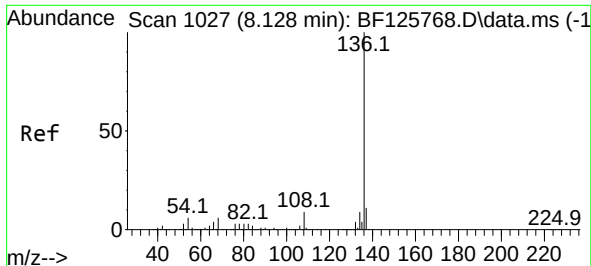
Tgt Ion: 99 Resp: 490024
Ion Ratio Lower Upper
99 100
42 13.2 23.5 35.3#
71 28.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.263 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

Tgt Ion: 70 Resp: 108372
Ion Ratio Lower Upper
70 100
42 38.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

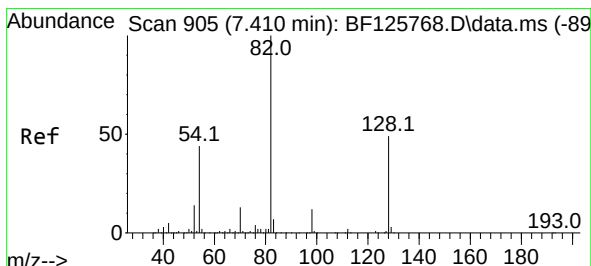
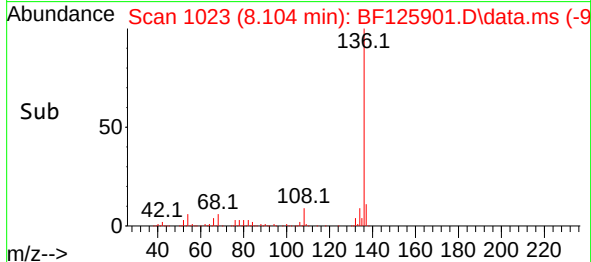
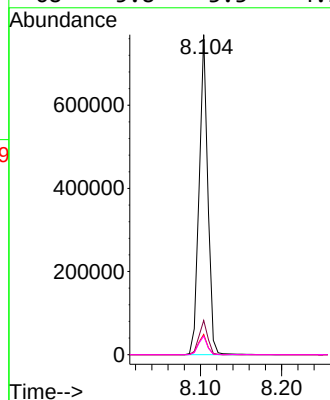
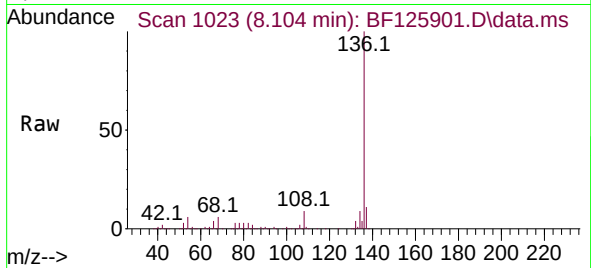




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

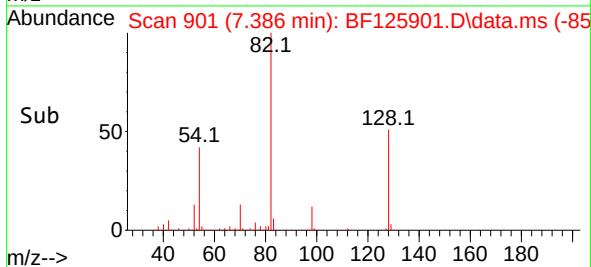
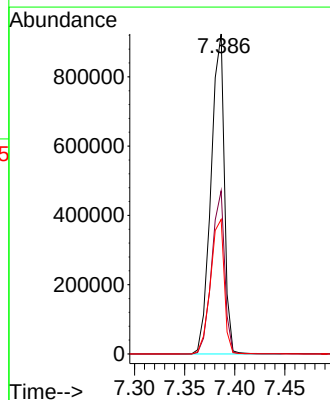
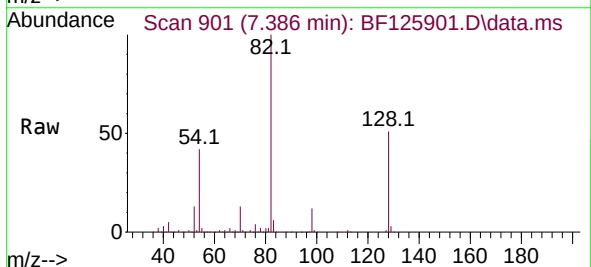
Instrument :
BNA_F
ClientSampleId :
P257-DITCH

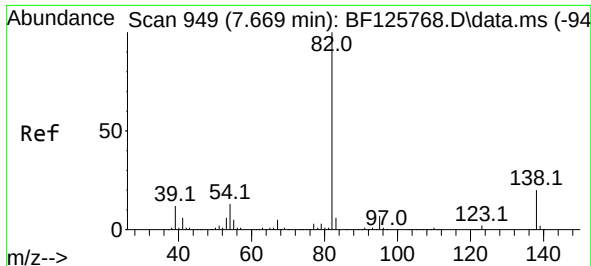
Tgt Ion:136	Resp: 573420
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 6.4	6.4 9.6#
68 5.8	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 93.189 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

Tgt Ion: 82	Resp: 859655
Ion Ratio	Lower Upper
82 100	
128 51.0	40.6 60.8
54 42.1	49.6 74.4#

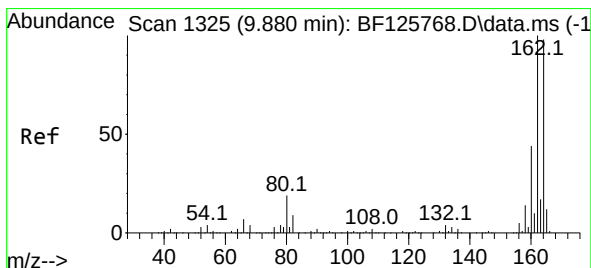
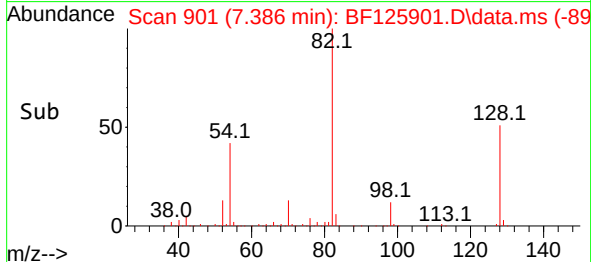
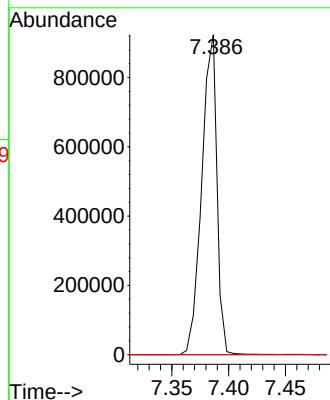
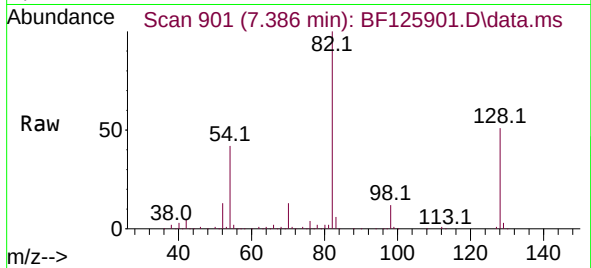




#25
Isophorone
Concen: 52.485 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

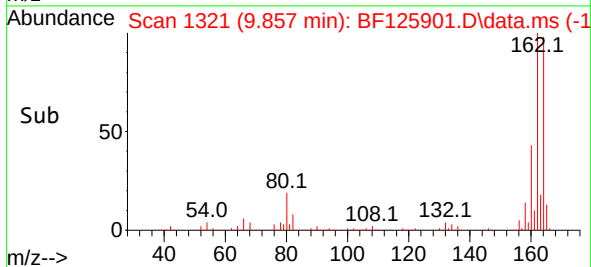
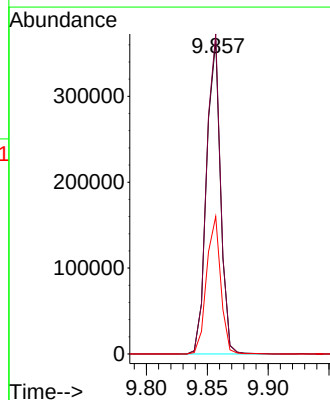
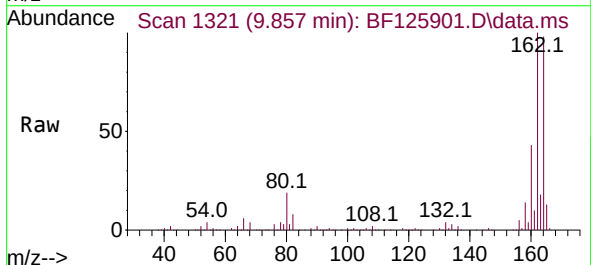
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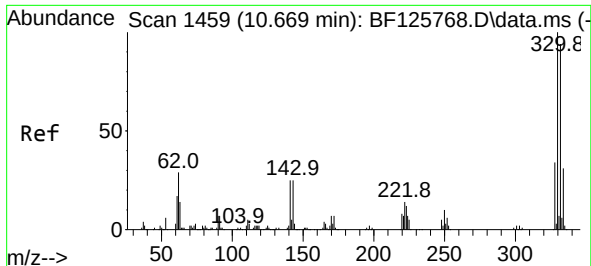
Tgt Ion: 82 Resp: 857772
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

Tgt Ion: 164 Resp: 292025
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 43.8 38.0 57.0

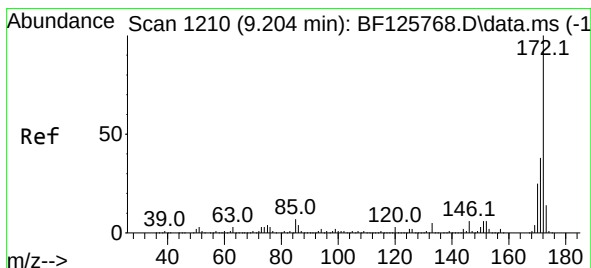
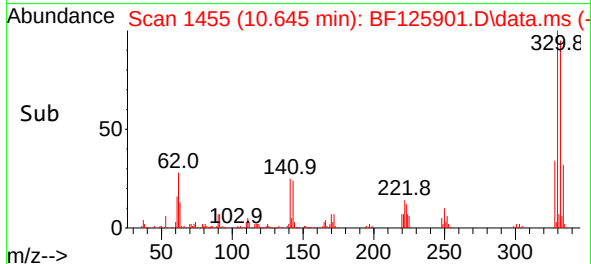
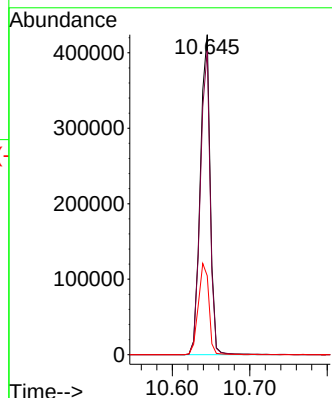
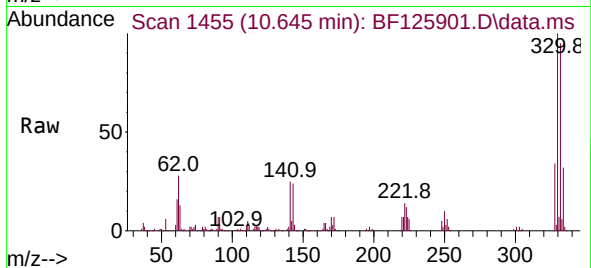




#42
2,4,6-Tribromophenol
Concen: 130.344 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

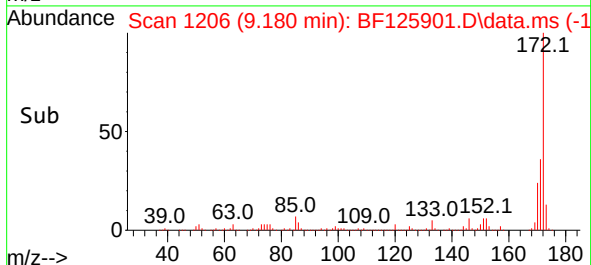
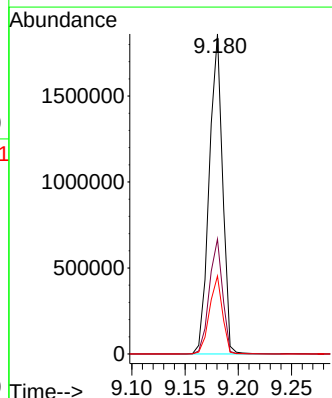
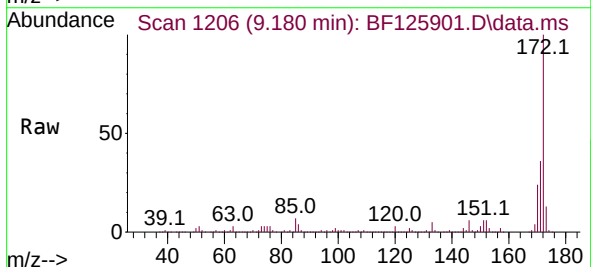
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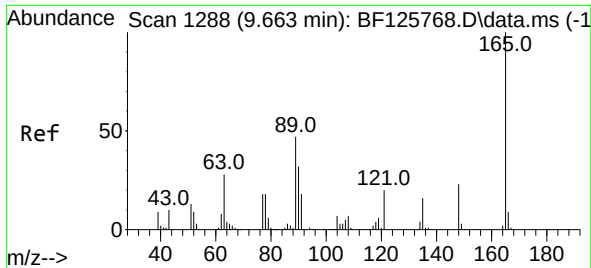
Tgt Ion: 330 Resp: 375806
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 30.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 95.925 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

Tgt Ion: 172 Resp: 1624085
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.3 18.8 28.2

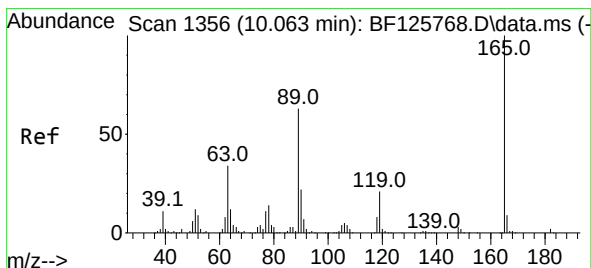
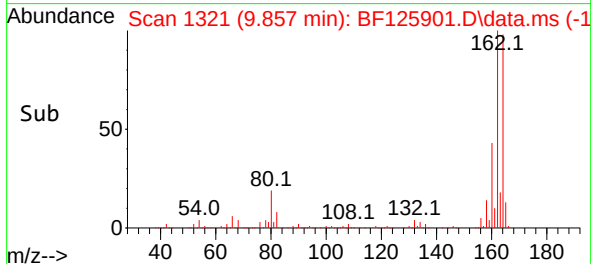
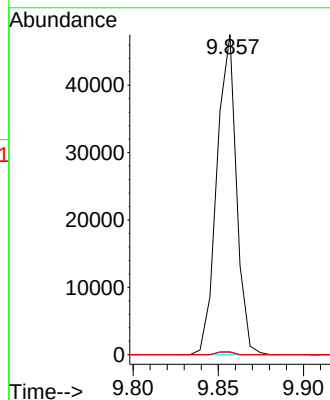
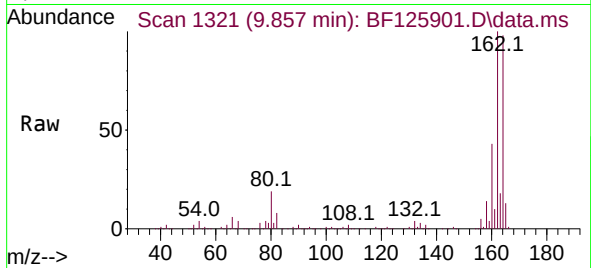




#51
2,6-Dinitrotoluene
Concen: 9.791 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

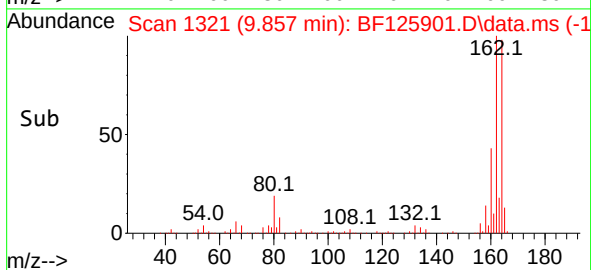
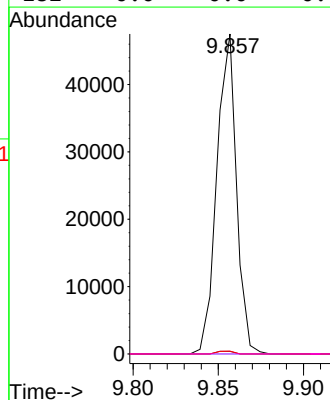
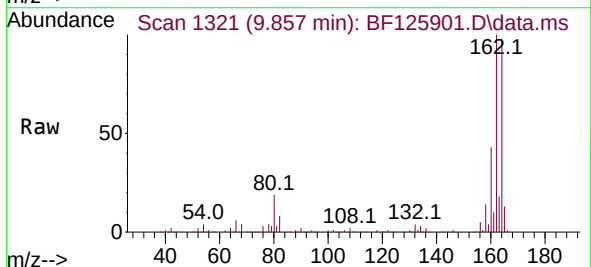
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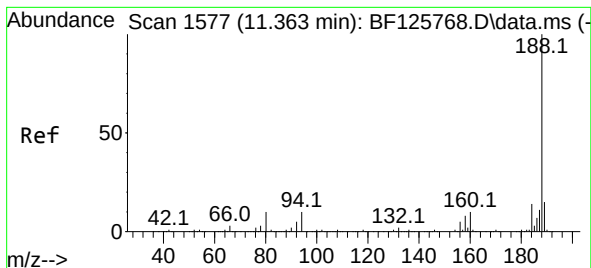
Tgt Ion:165 Resp: 38046
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.744 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

Tgt Ion:165 Resp: 38046
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

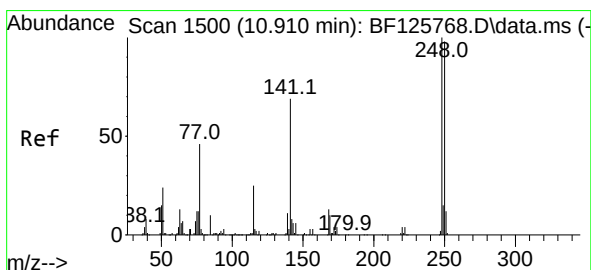
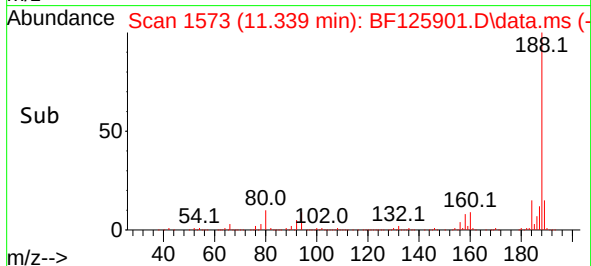
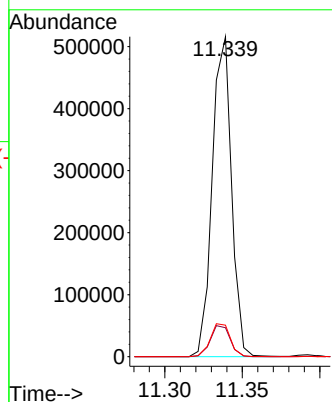
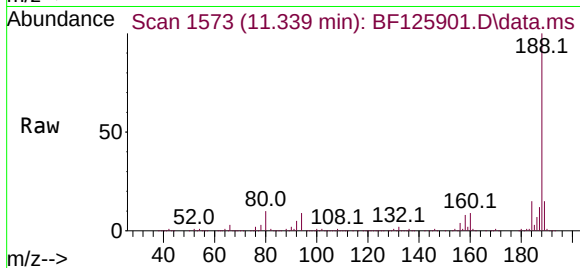




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

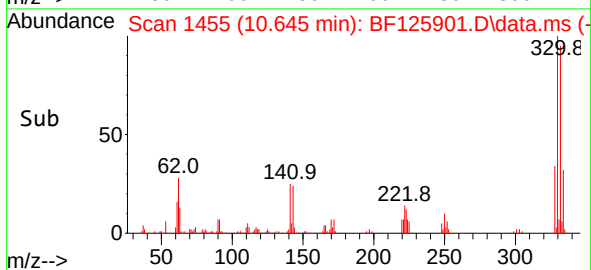
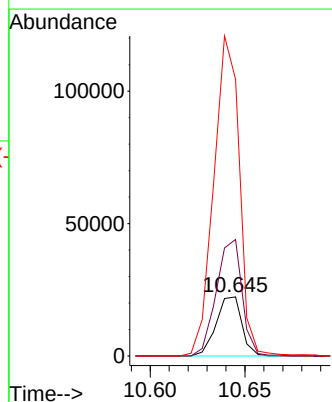
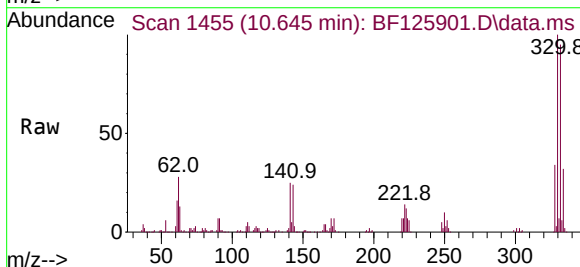
Instrument :
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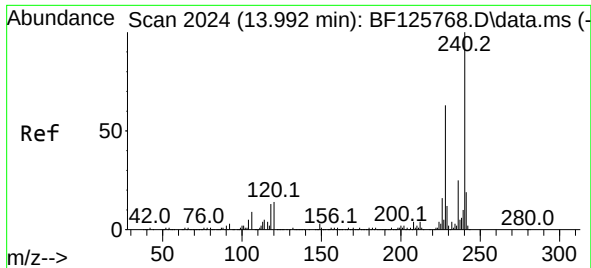
Tgt Ion:188 Resp: 445973
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.262 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

Tgt Ion:248 Resp: 21051
Ion Ratio Lower Upper
248 100
250 197.5 74.2 111.4#
141 469.0 60.4 90.6#

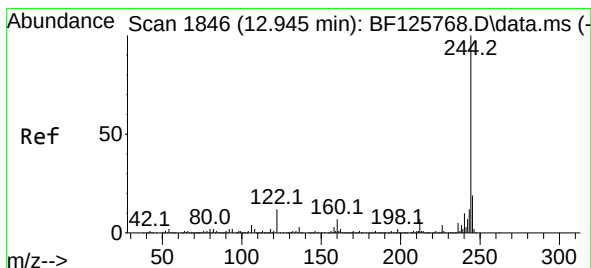
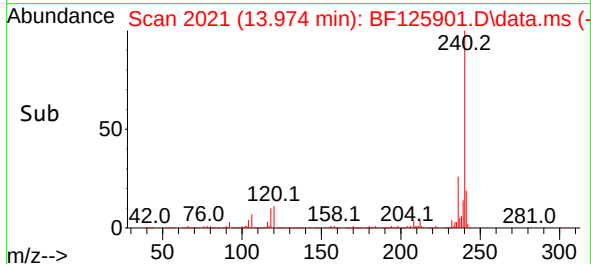
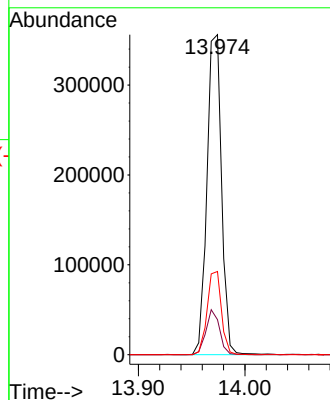
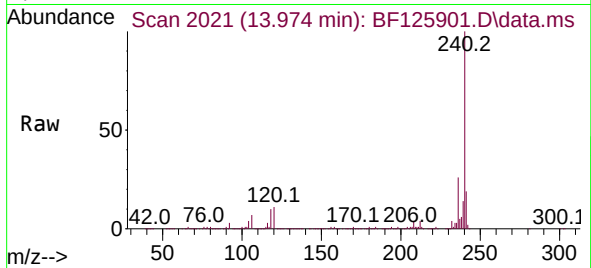




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

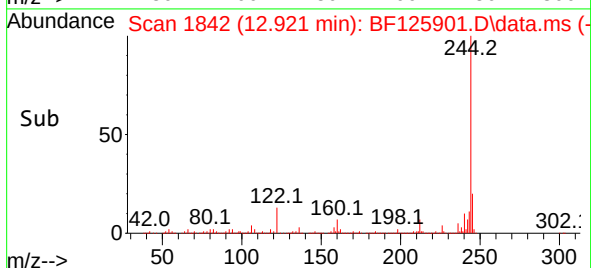
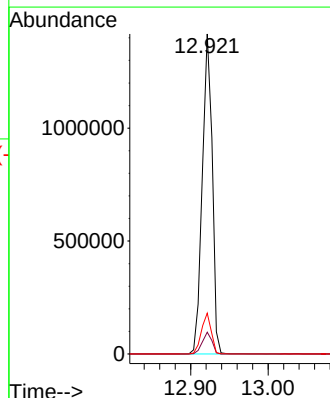
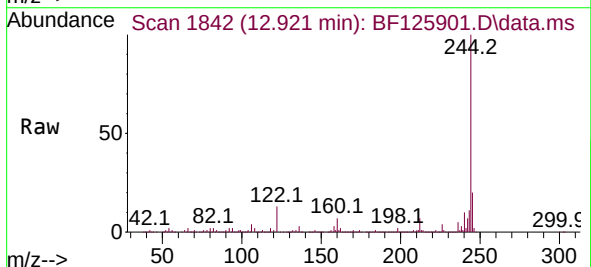
Instrument :
BNA_F
ClientSampleId :
P257-DITCH

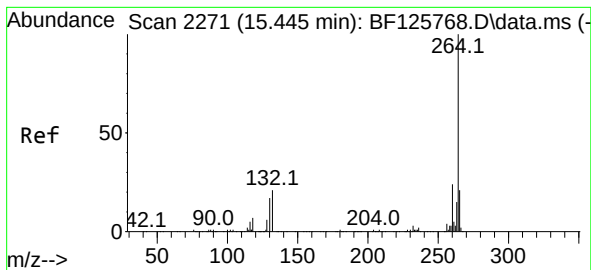
Tgt Ion:240 Resp: 340393
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 56.547 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125901.D
Acq: 19 Oct 2021 15:47

Tgt Ion:244 Resp: 1263616
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.8 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF125901.D
 Acq: 19 Oct 2021 15:47

Instrument :
 BNA_F
 ClientSampleId :
 P257-DITCH

Tgt Ion:264 Resp: 323121
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.2 17.2 25.8

