

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126381.D
 Acq On : 28 Dec 2021 15:01
 Operator : JU/CG
 Sample : M5187-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-119-1-0-5

Quant Time: Dec 28 15:30:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

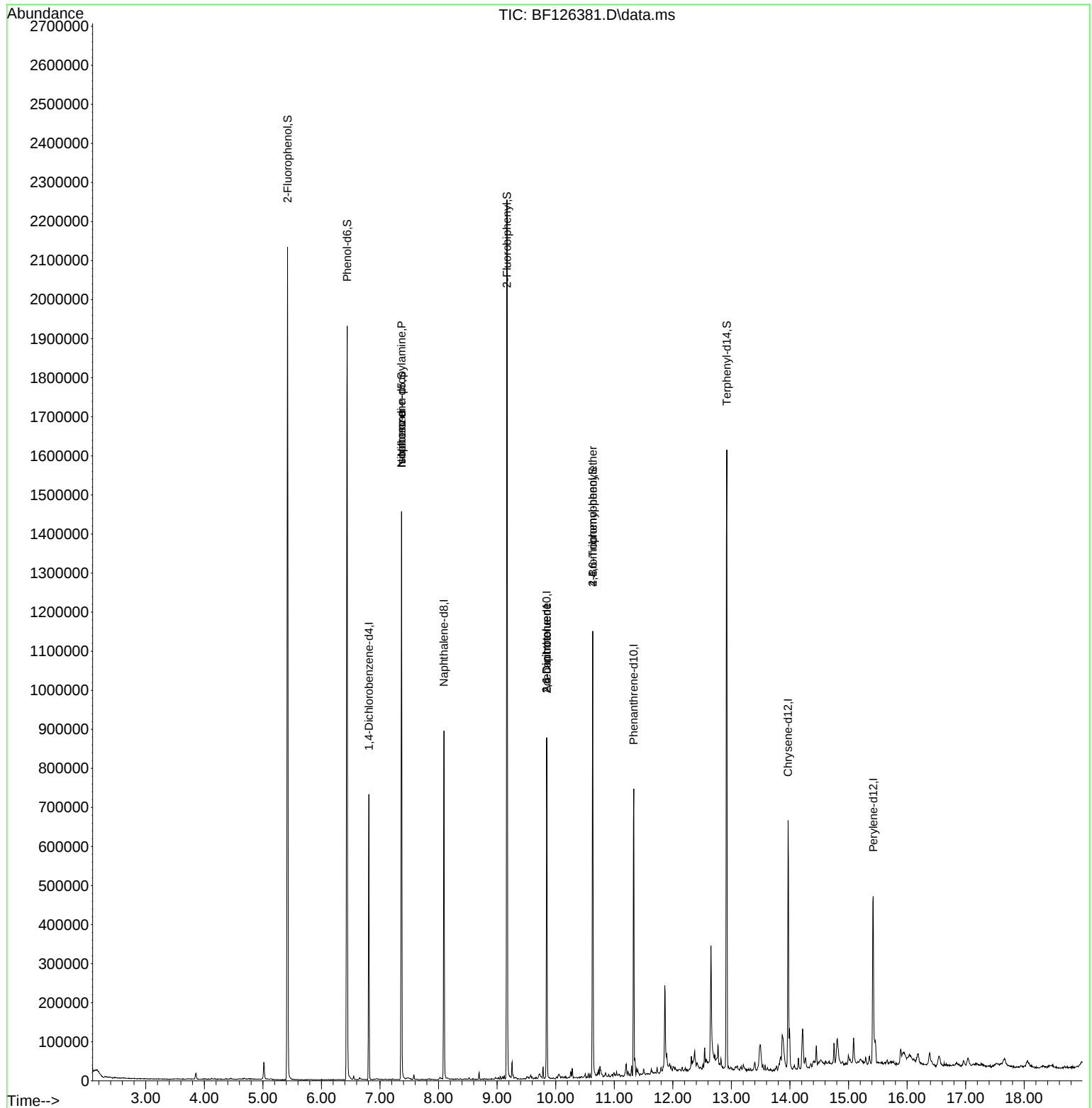
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	96470	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	394227	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	175688	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	261086	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	207336	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	185971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	601400	91.806	ng	0.00
7) Phenol-d6	6.440	99	744083	89.456	ng	0.00
23) Nitrobenzene-d5	7.369	82	463403	63.663	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	130364	92.332	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	657417	65.629	ng	-0.01
79) Terphenyl-d14	12.921	244	515474	43.213	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	56995	11.162	ng	# 55
25) Isophorone	7.369	82	463395	33.712	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	22572	9.371	ng	# 28
57) 2,4-Dinitrotoluene	9.845	165	22572	7.346	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	6801	2.776	ng	# 1

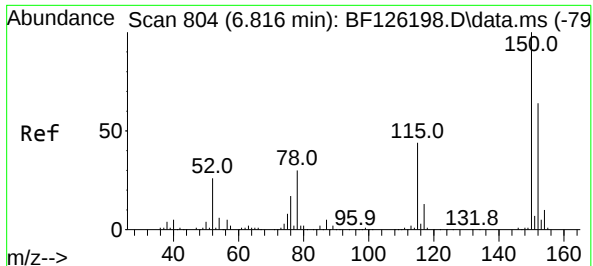
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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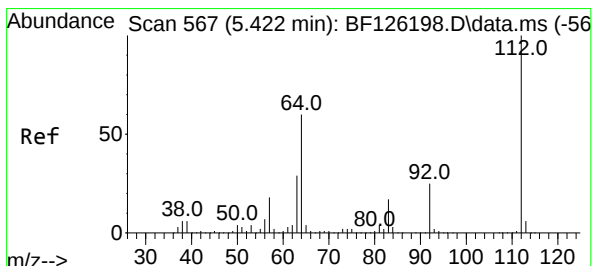
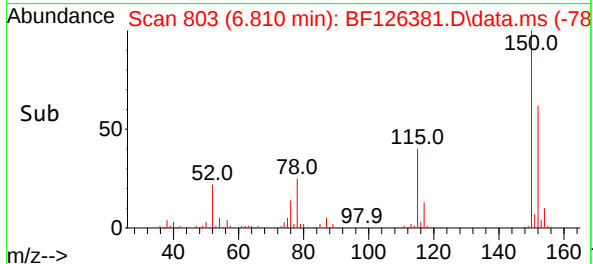
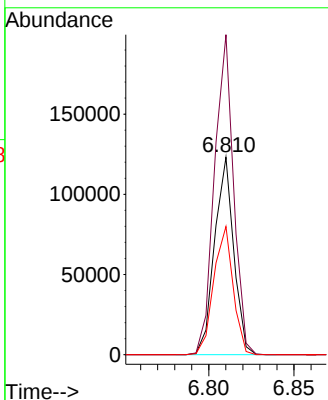
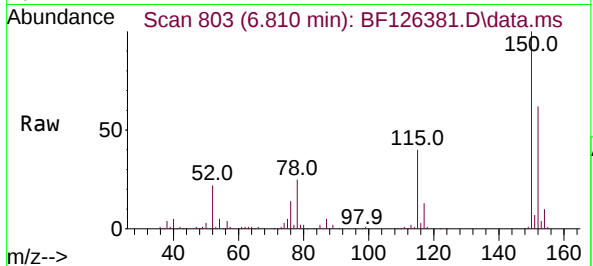




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

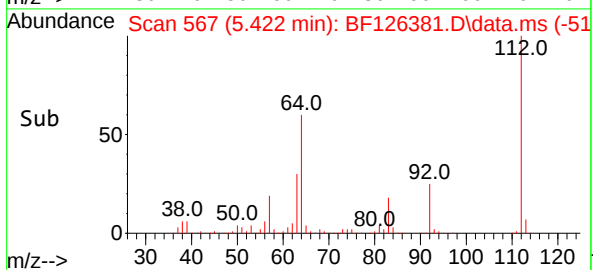
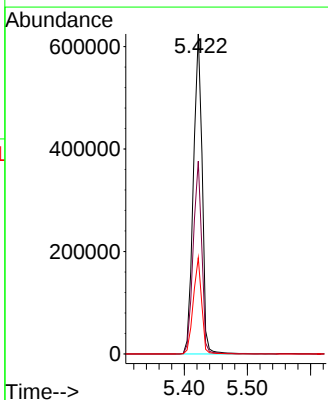
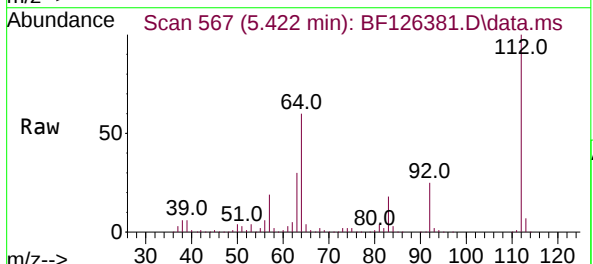
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-0-5

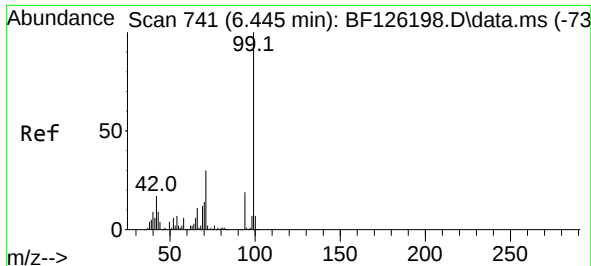
Tgt Ion:152 Resp: 96470
Ion Ratio Lower Upper
152 100
150 162.0 117.6 176.4
115 64.9 47.1 70.7



#5
2-Fluorophenol
Concen: 91.806 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

Tgt Ion:112 Resp: 601400
Ion Ratio Lower Upper
112 100
64 60.2 44.2 66.2
63 30.1 26.2 39.2

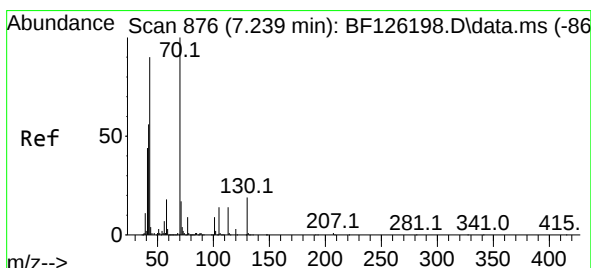
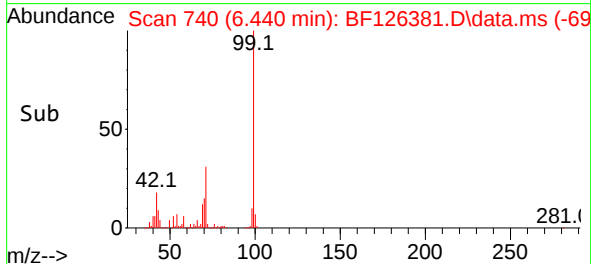
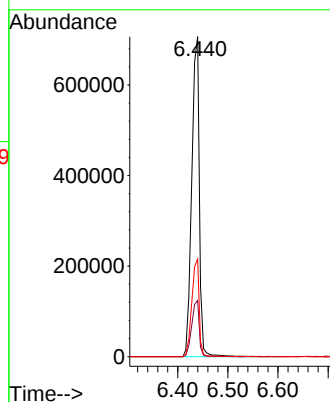
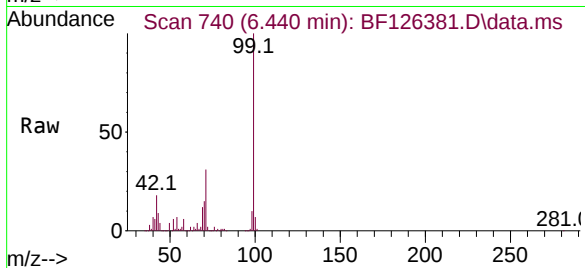




#7
Phenol-d6
Concen: 89.456 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

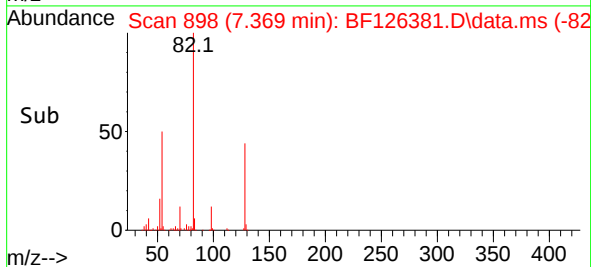
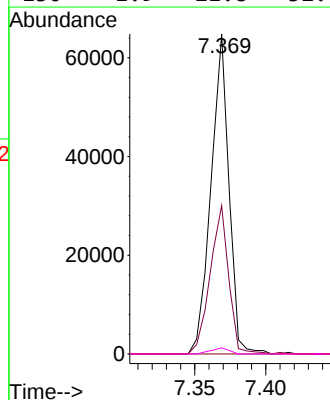
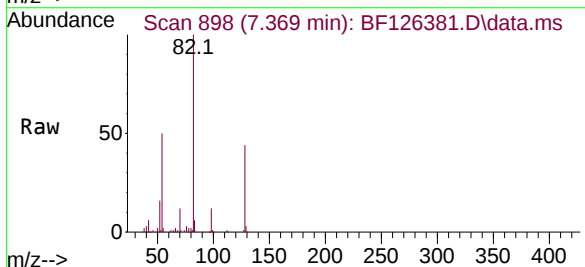
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-0-5

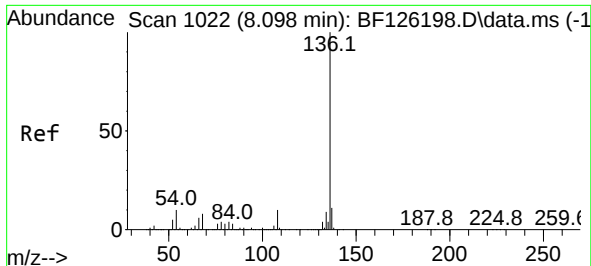
Tgt Ion: 99 Resp: 744083
Ion Ratio Lower Upper
99 100
42 17.6 23.5 35.3#
71 30.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.162 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

Tgt Ion: 70 Resp: 56995
Ion Ratio Lower Upper
70 100
42 46.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

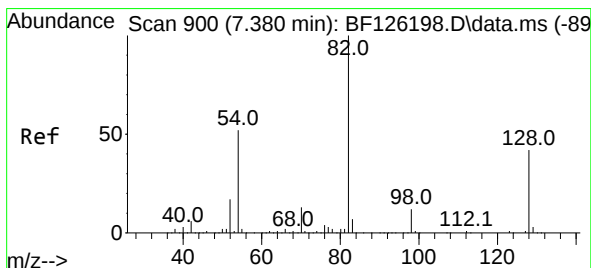
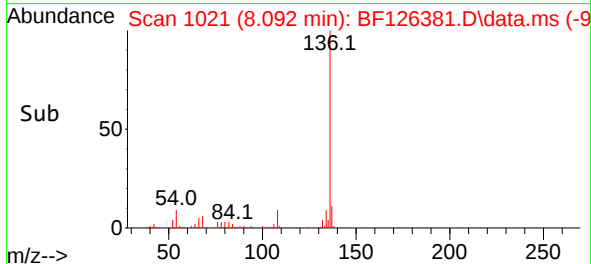
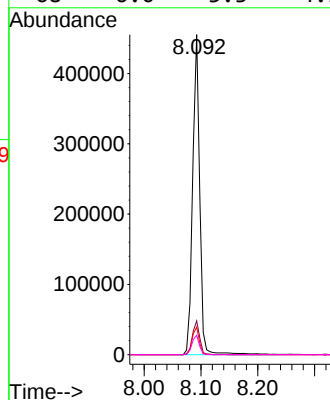
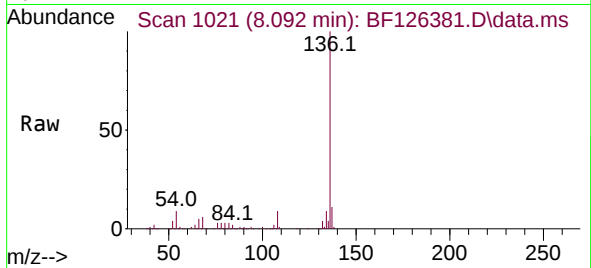




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

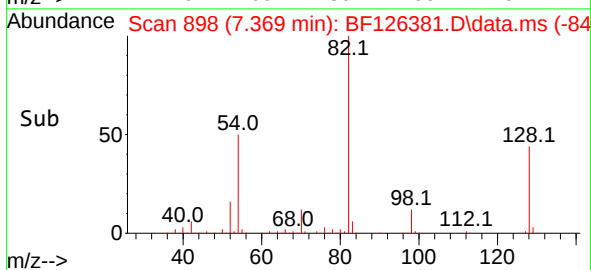
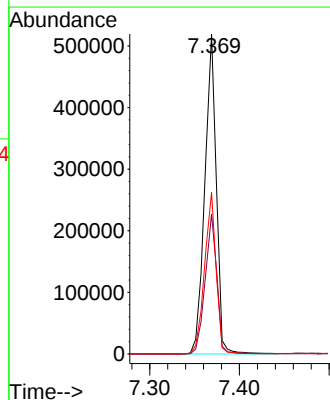
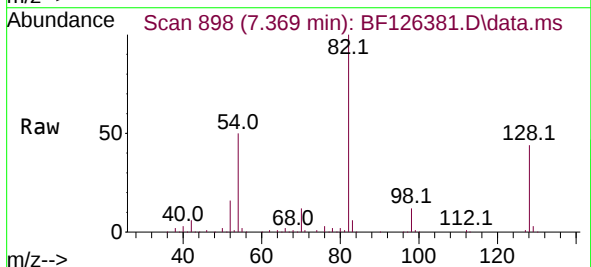
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-0-5

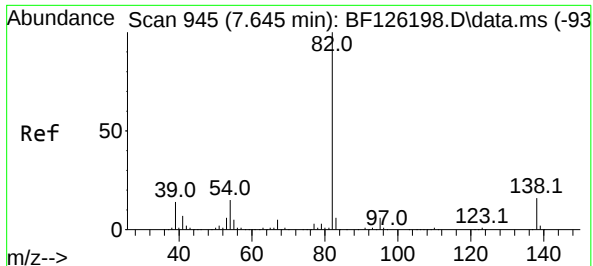
Tgt Ion:136 Resp: 394227
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 8.6 6.4 9.6
68 6.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 63.663 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

Tgt Ion: 82 Resp: 463403
Ion Ratio Lower Upper
82 100
128 43.7 40.6 60.8
54 50.5 49.6 74.4

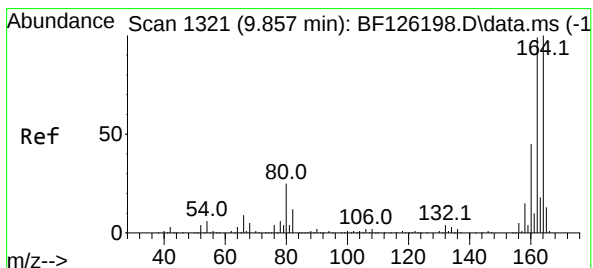
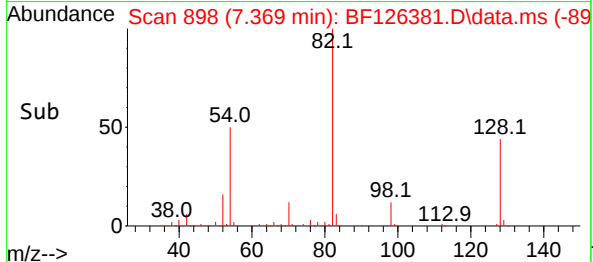
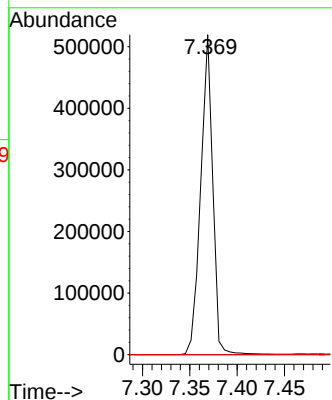
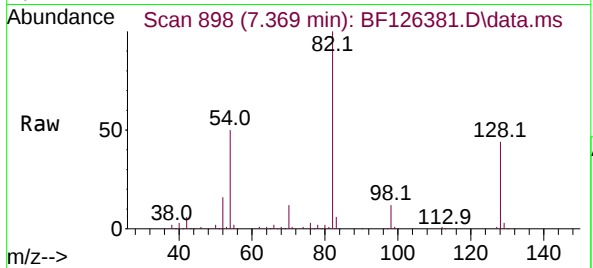




#25
Isophorone
Concen: 33.712 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

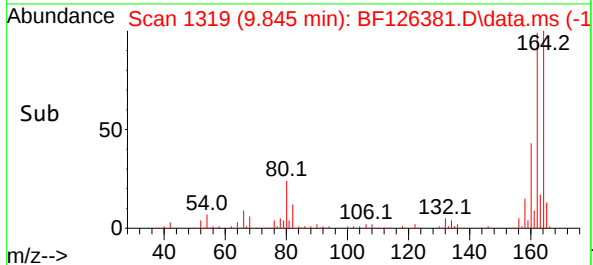
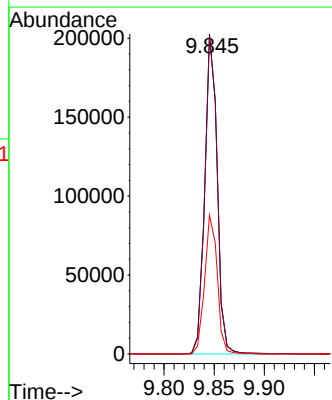
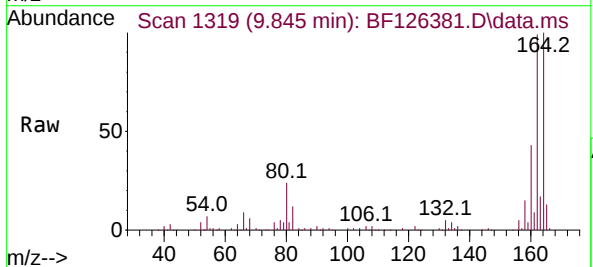
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-0-5

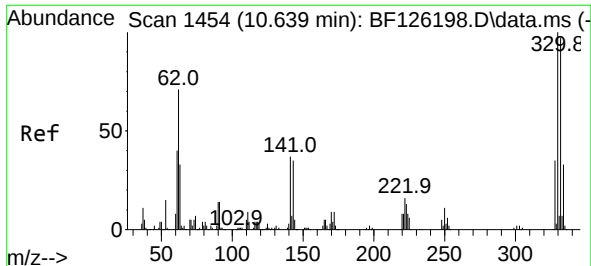
Tgt Ion: 82 Resp: 463395
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

Tgt Ion:164 Resp: 175688
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 43.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 92.332 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF126381.D

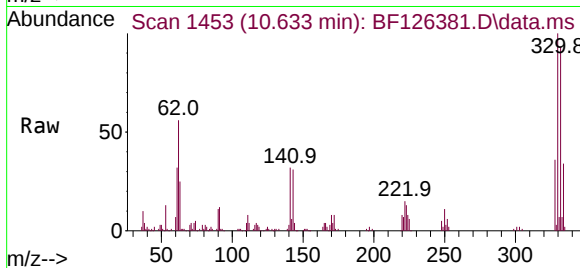
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Instrument :

BNA_F

ClientSampleId :

SASP2-119-1-0-5



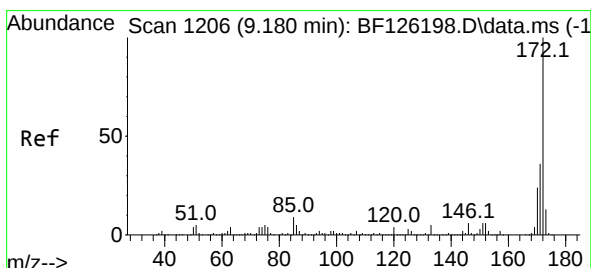
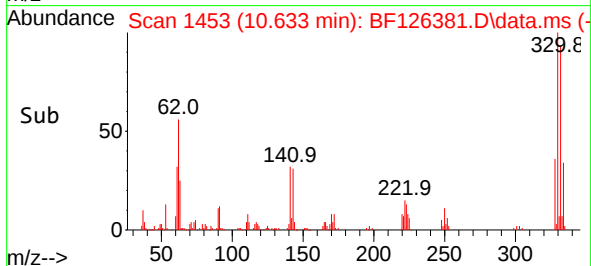
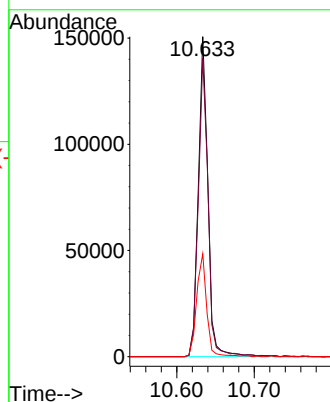
Tgt Ion:330 Resp: 130364

Ion Ratio Lower Upper

330 100

332 94.6 76.2 114.4

141 33.6 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 65.629 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.012 min

Lab File: BF126381.D

Acq: 28 Dec 2021 15:01

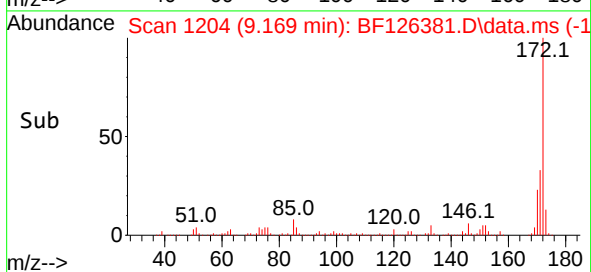
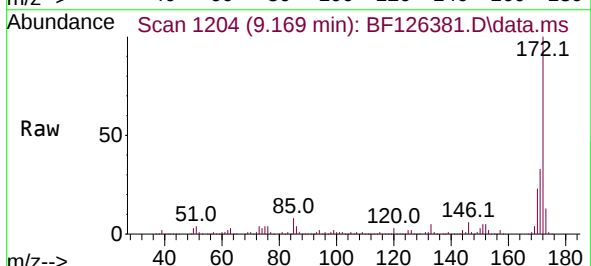
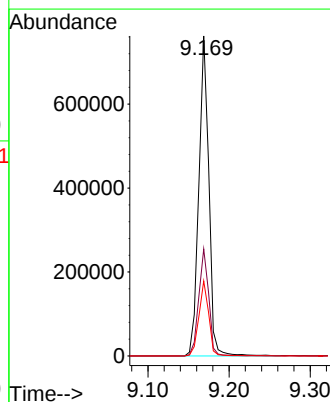
Tgt Ion:172 Resp: 657417

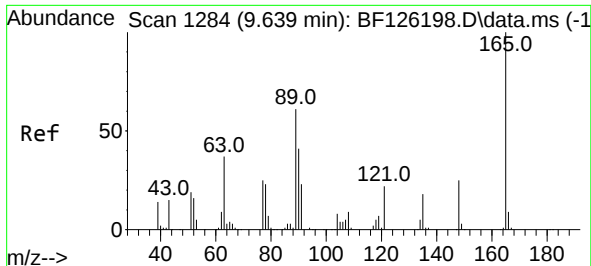
Ion Ratio Lower Upper

172 100

171 33.5 26.5 39.7

170 23.4 18.8 28.2

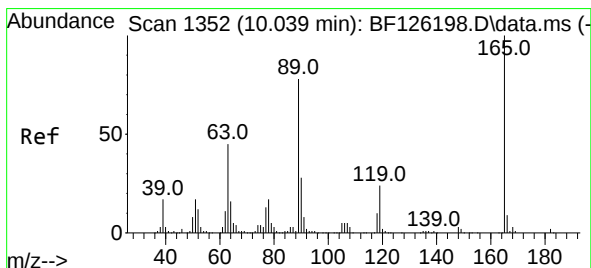
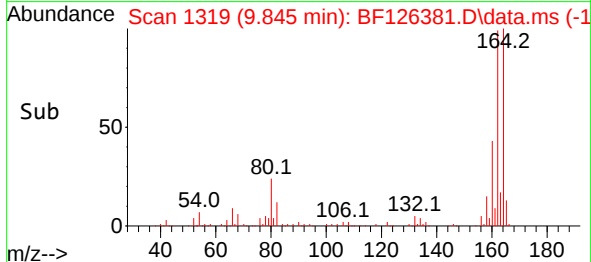
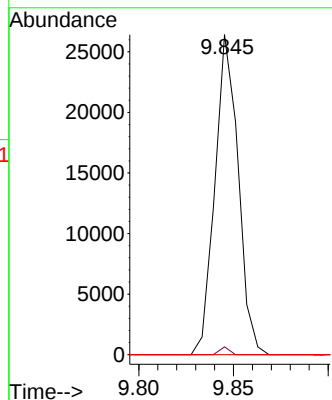
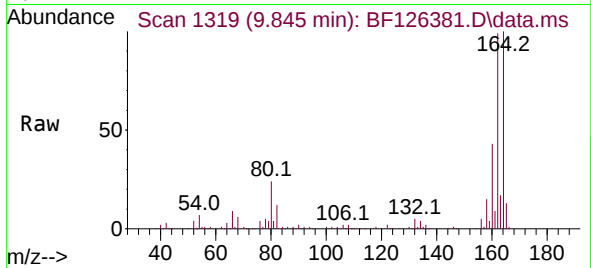




#51
2,6-Dinitrotoluene
Concen: 9.371 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

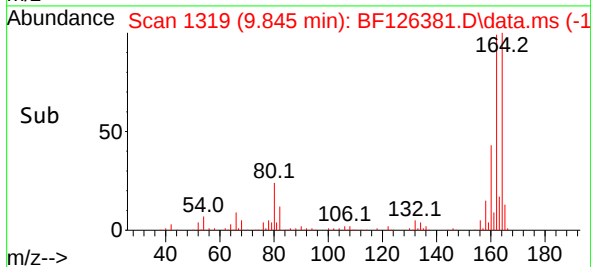
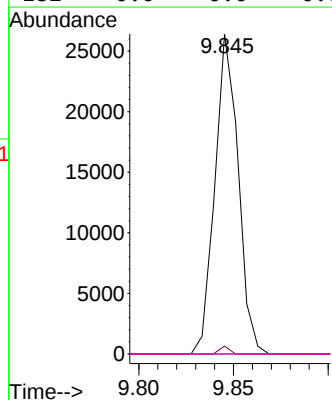
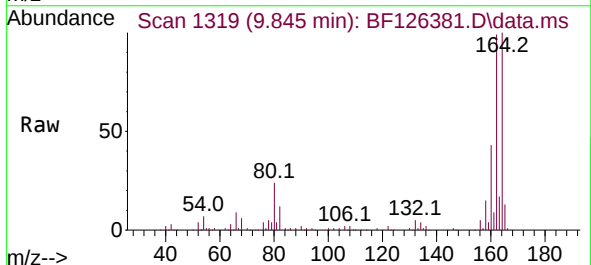
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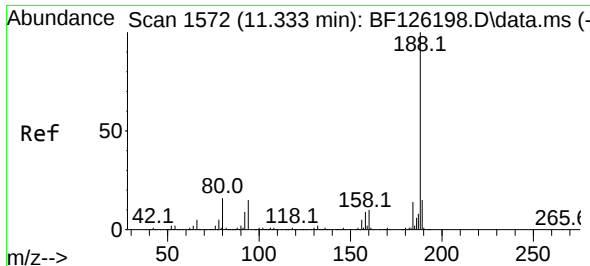
Tgt Ion:165 Resp: 22572
Ion Ratio Lower Upper
165 100
63 2.4 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.346 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

Tgt Ion:165 Resp: 22572
Ion Ratio Lower Upper
165 100
63 2.4 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

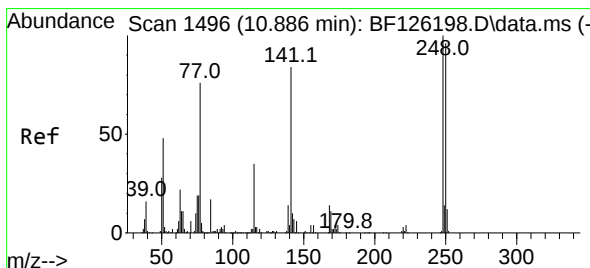
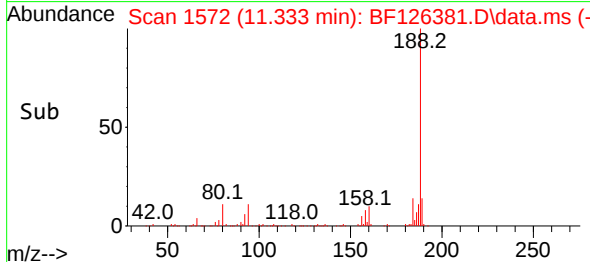
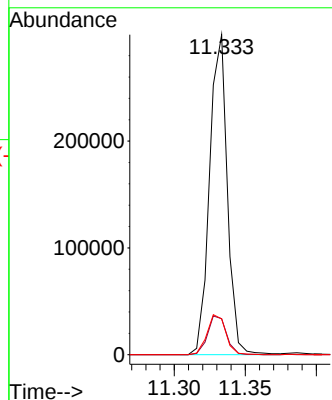
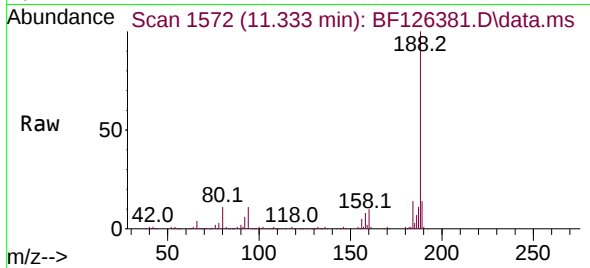




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

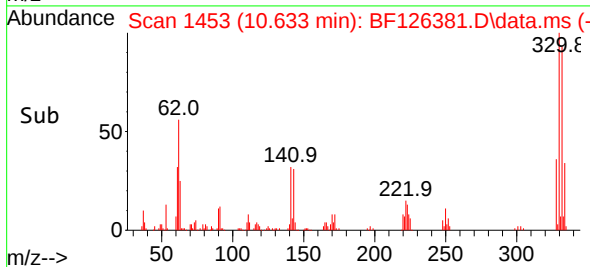
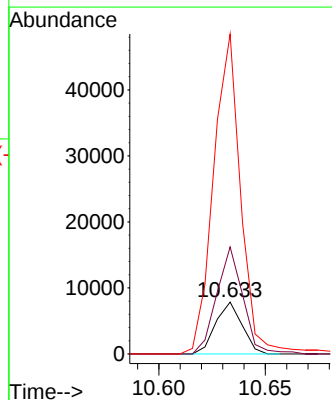
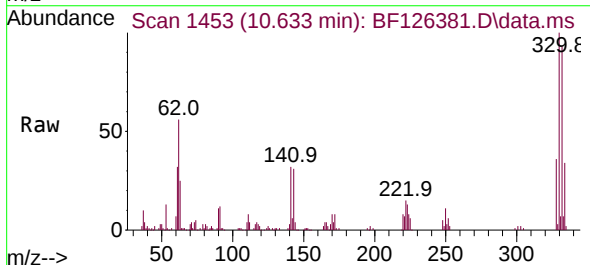
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-0-5

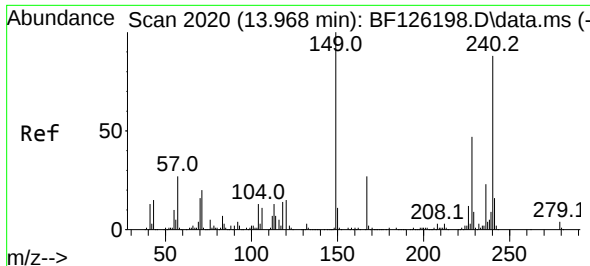
Tgt Ion:188 Resp: 261086
Ion Ratio Lower Upper
188 100
94 11.3 6.7 10.1#
80 11.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.776 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

Tgt Ion:248 Resp: 6801
Ion Ratio Lower Upper
248 100
250 206.3 74.2 111.4#
141 616.7 60.4 90.6#

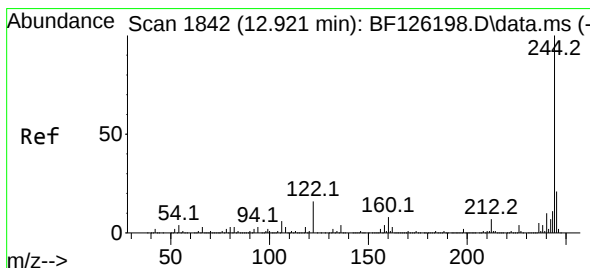
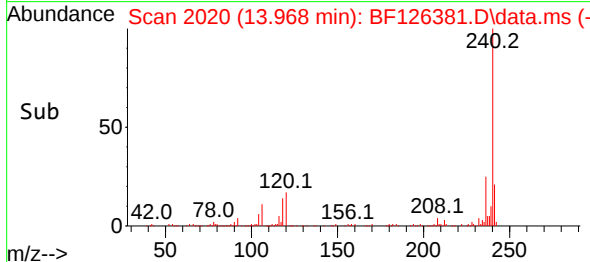
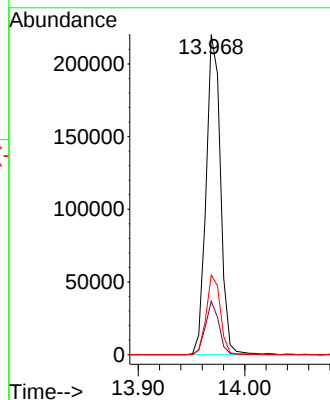
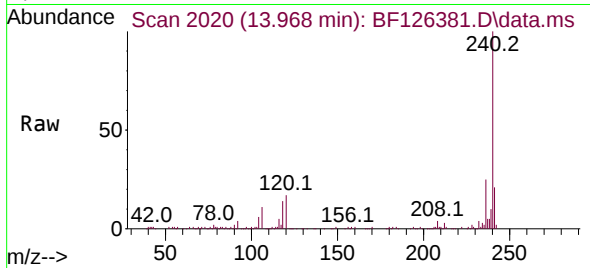




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

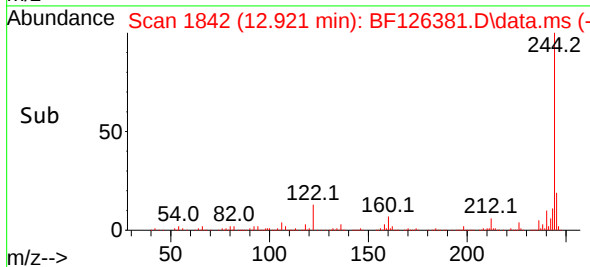
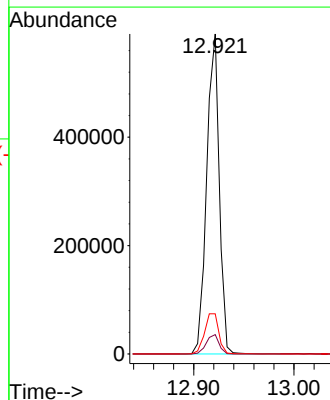
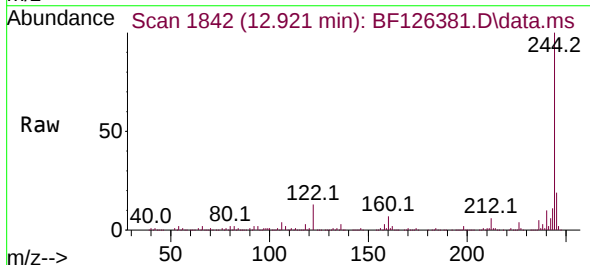
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-0-5

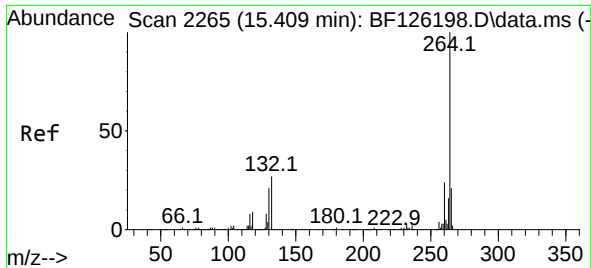
Tgt Ion:240 Resp: 207336
Ion Ratio Lower Upper
240 100
120 16.7 10.8 16.2#
236 24.9 21.6 32.4



#79
Terphenyl-d14
Concen: 43.213 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

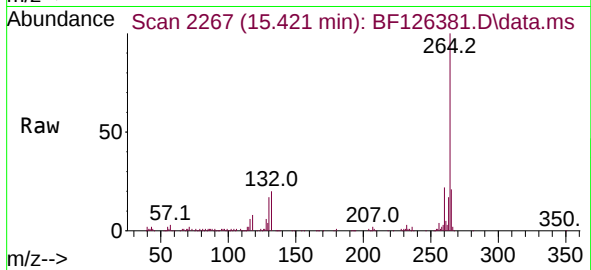
Tgt Ion:244 Resp: 515474
Ion Ratio Lower Upper
244 100
212 6.0 5.9 8.9
122 12.5 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126381.D
Acq: 28 Dec 2021 15:01

Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-0-5



Tgt Ion:264 Resp: 185971
Ion Ratio Lower Upper
264 100
260 22.0 19.6 29.4
265 21.1 17.2 25.8

