

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126413.D
 Acq On : 30 Dec 2021 11:35
 Operator : JU/CG
 Sample : M5237-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 13:25:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

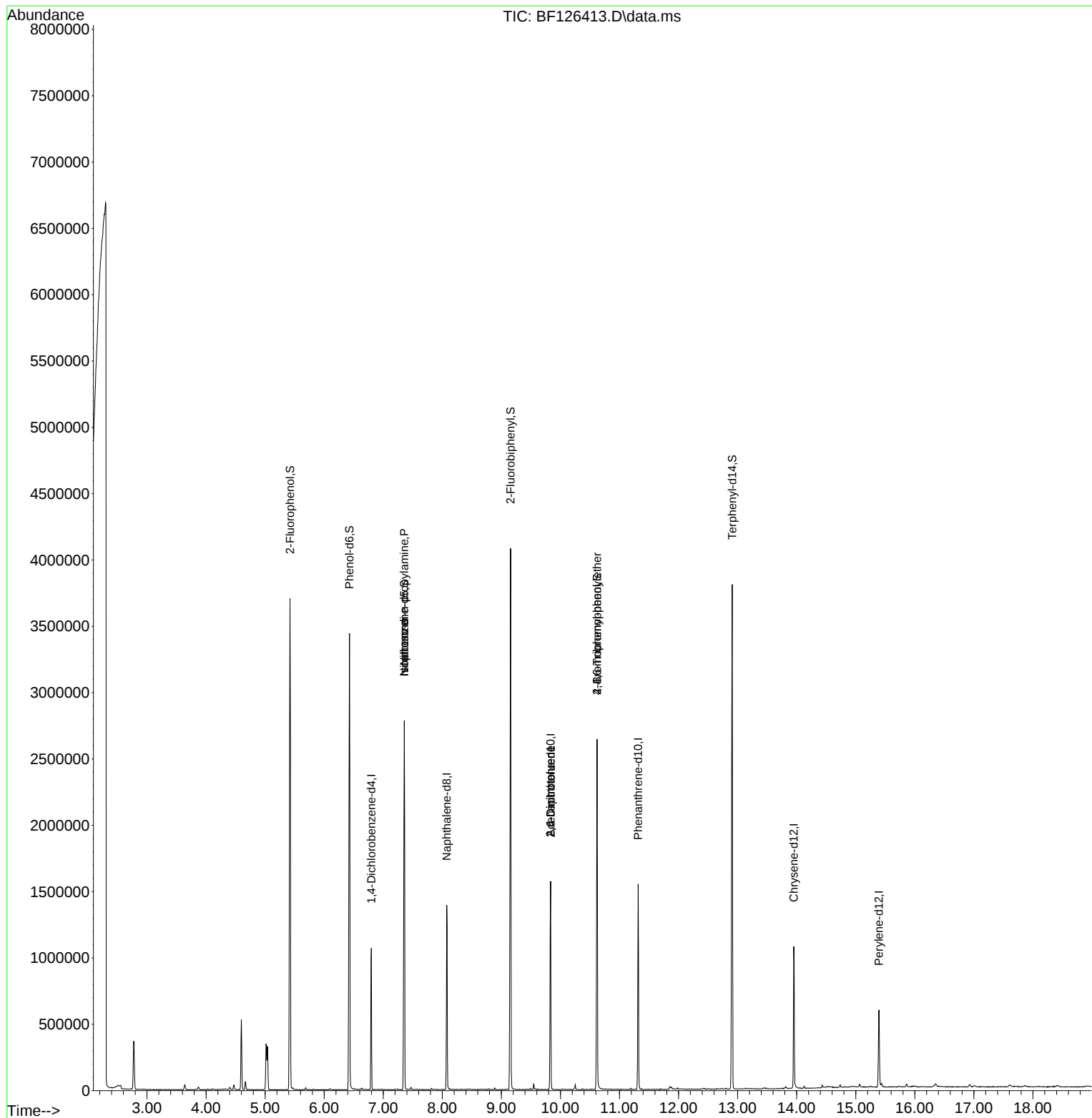
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	148657	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	639917	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	305799	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	514027	20.000	ng	0.00
76) Chrysene-d12	13.951	240	348859	20.000	ng	0.00
86) Perylene-d12	15.392	264	236834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1154136	111.492	ng	0.02
7) Phenol-d6	6.428	99	1393118	103.905	ng	0.00
23) Nitrobenzene-d5	7.357	82	1077935	86.492	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	327075	138.412	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1361242	78.333	ng	0.00
79) Terphenyl-d14	12.910	244	1343595	74.830	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	137654	17.992	ng	# 80
25) Isophorone	7.357	82	1075333	48.199	ng	# 69
51) 2,6-Dinitrotoluene	9.833	165	38391	9.312	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	38391	7.218	ng	# 15
67) 4-Bromophenyl-phenylether	10.622	248	17513	3.838	ng	# 1
77) Benzidine	12.910	184	17851	Below Cal		# 94

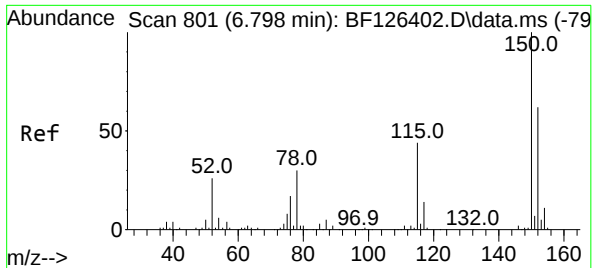
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126413.D
Acq On : 30 Dec 2021 11:35
Operator : JU/CG
Sample : M5237-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

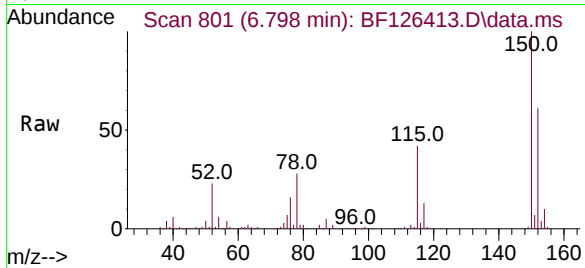
Quant Time: Dec 30 13:25:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration



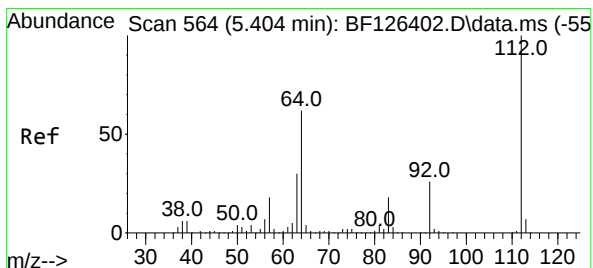
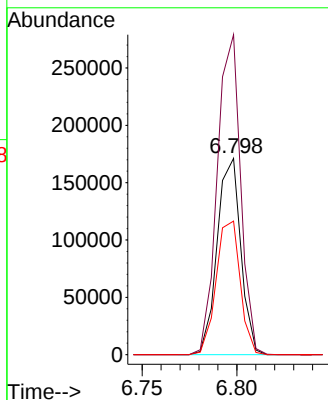
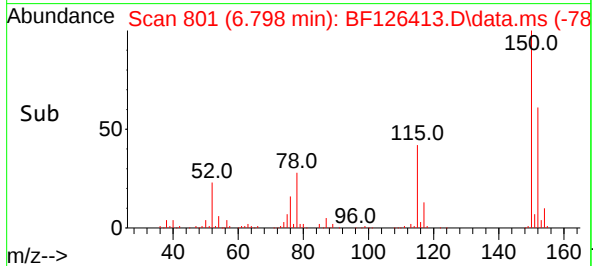


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF126413.D
 Acq: 30 Dec 2021 11:35

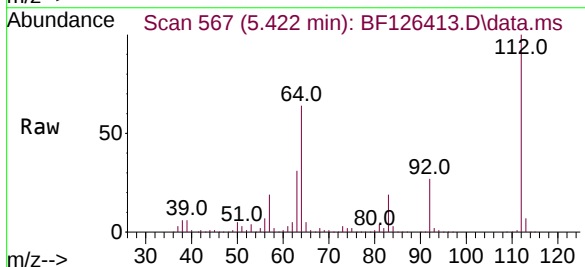
Instrument :
 BNA_F
 ClientSampleId :



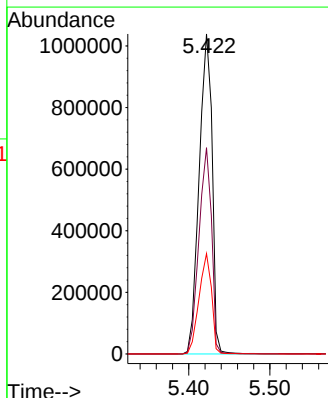
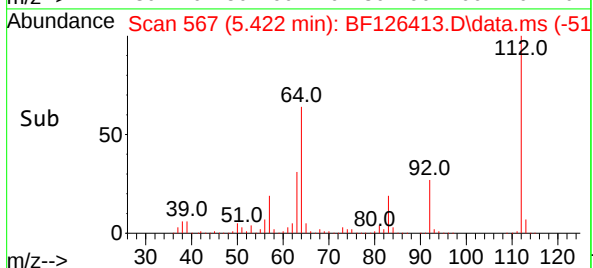
Tgt Ion:152 Resp: 148657
 Ion Ratio Lower Upper
 152 100
 150 162.9 128.1 192.1
 115 68.1 56.7 85.1

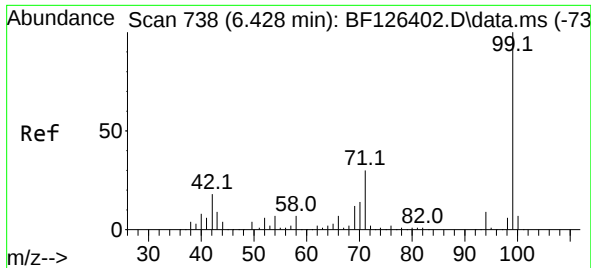


#5
 2-Fluorophenol
 Concen: 111.492 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF126413.D
 Acq: 30 Dec 2021 11:35



Tgt Ion:112 Resp: 1154136
 Ion Ratio Lower Upper
 112 100
 64 64.4 49.5 74.3
 63 31.4 23.9 35.9



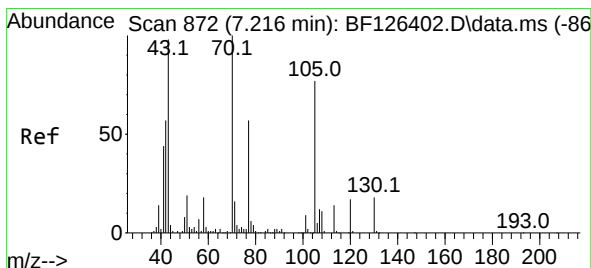
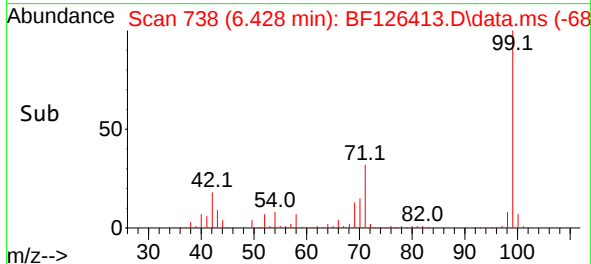
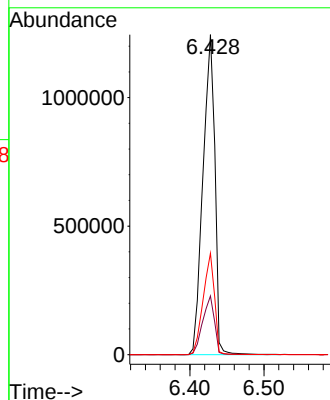
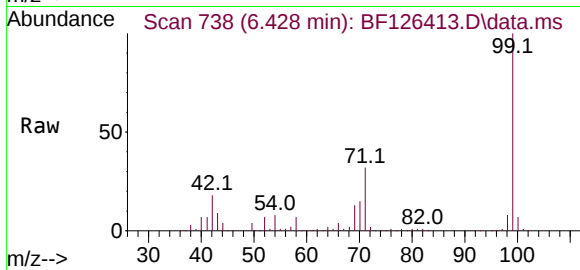


#7
Phenol-d6
Concen: 103.905 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1393118

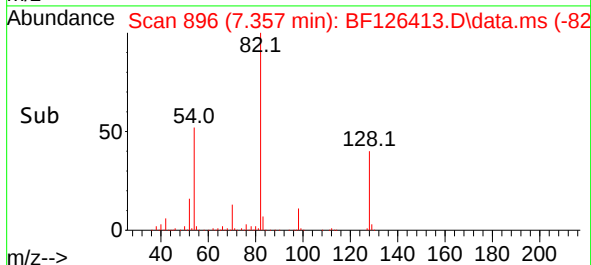
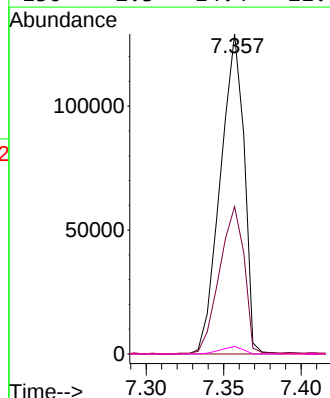
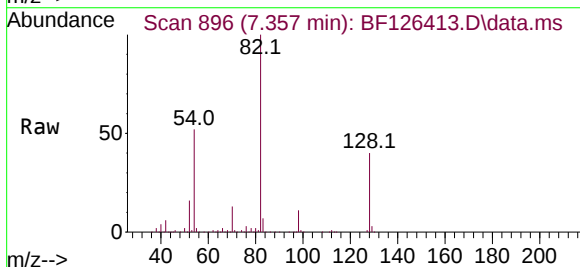
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.2	21.4
71	31.7	24.3	36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.992 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

Tgt Ion: 70 Resp: 137654

Ion	Ratio	Lower	Upper
70	100		
42	46.0	45.8	68.8
101	0.0	6.9	10.3#
130	2.3	14.4	21.6#

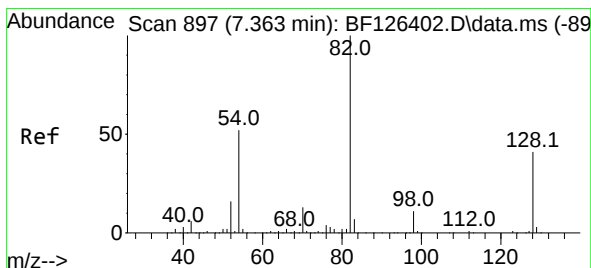
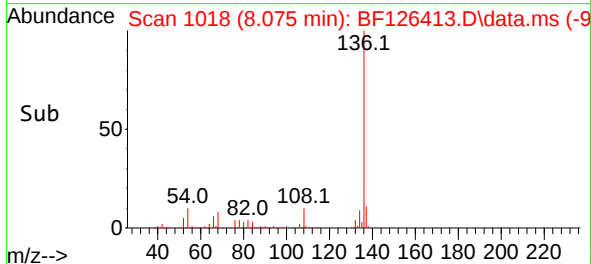
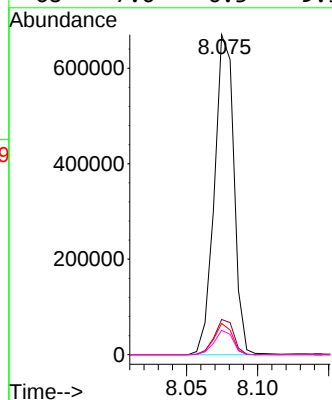
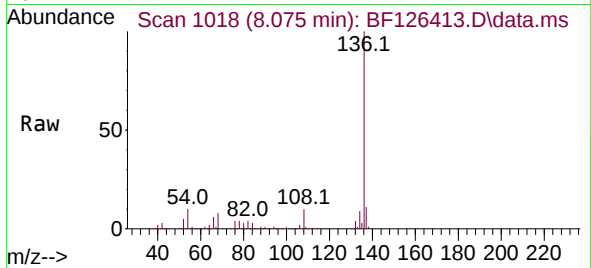




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

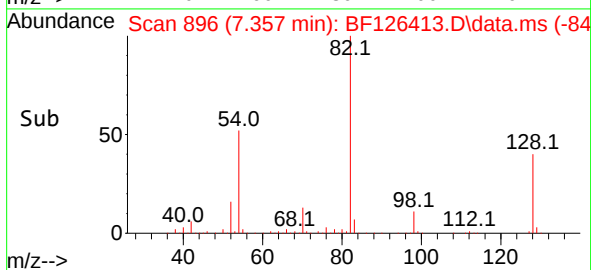
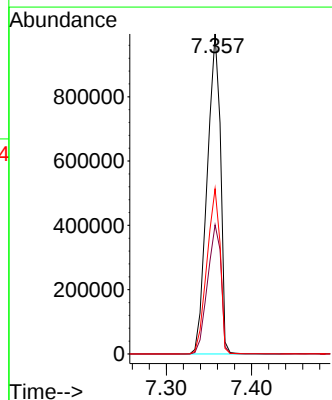
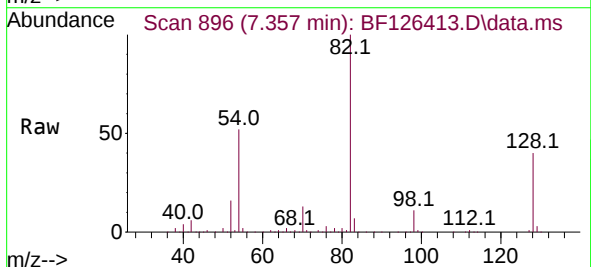
Instrument :
BNA_F
ClientSampleId :

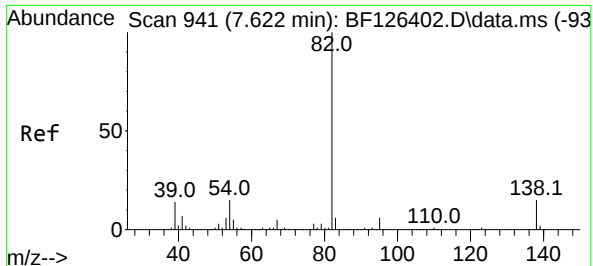
Tgt Ion:136 Resp: 639917
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.7 7.8 11.6
68 7.6 6.3 9.5



#23
Nitrobenzene-d5
Concen: 86.492 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

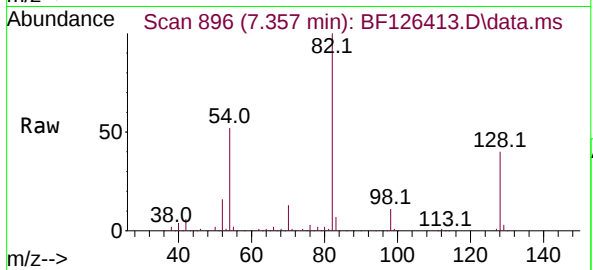
Tgt Ion: 82 Resp: 1077935
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 51.6 41.7 62.5



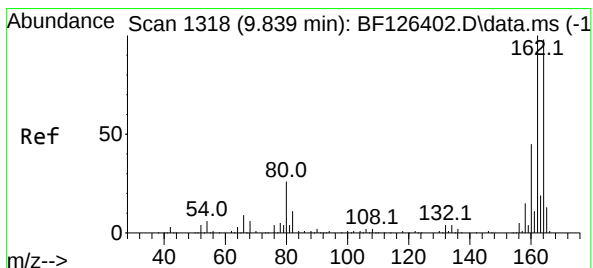
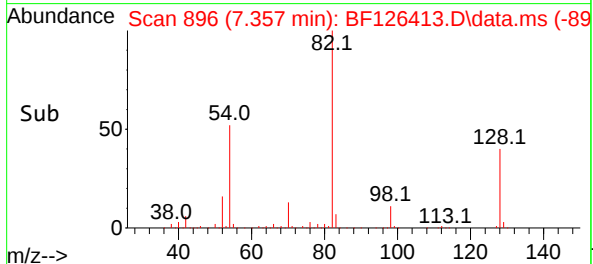
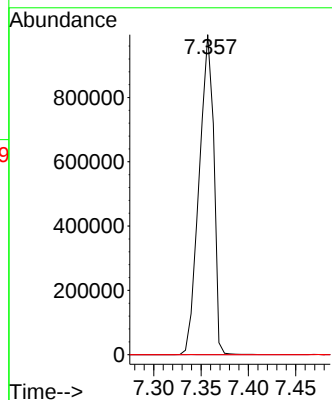


#25
Isophorone
Concen: 48.199 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

Instrument :
BNA_F
ClientSampleId :

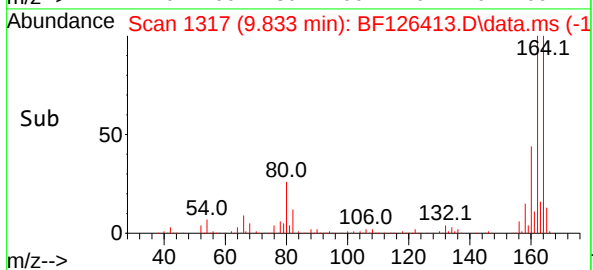
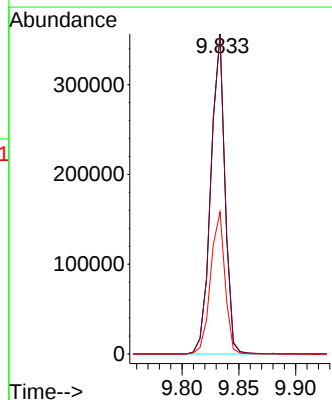
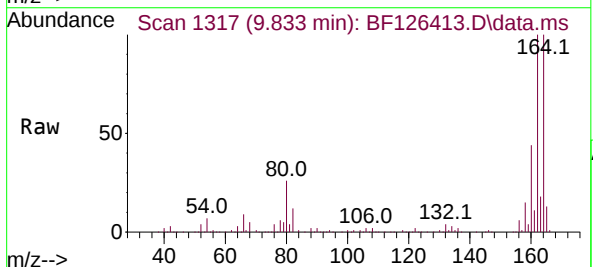


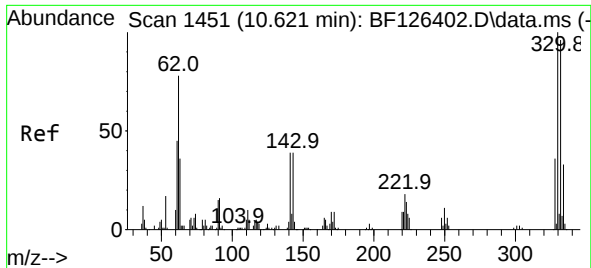
Tgt Ion: 82 Resp: 1075333
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

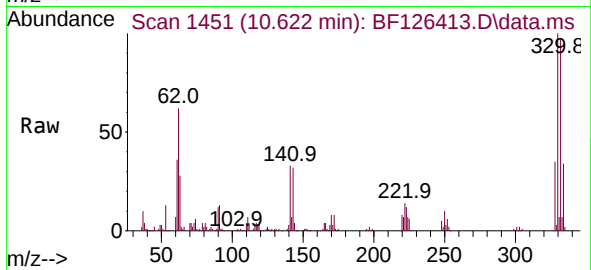
Tgt Ion: 164 Resp: 305799
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 44.4 36.6 54.8



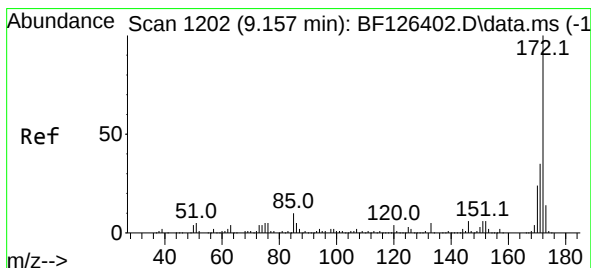
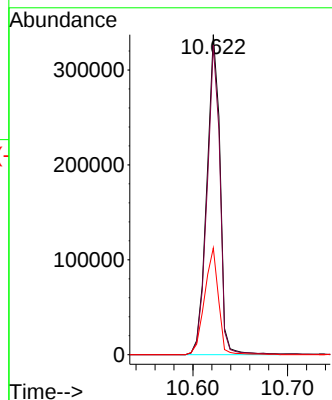
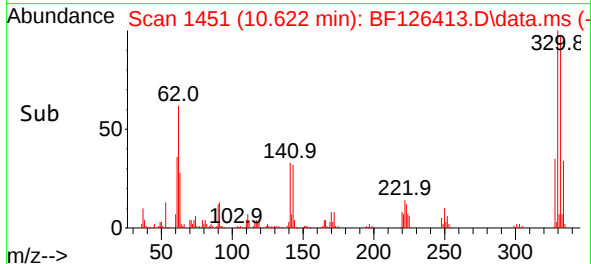


#42
2,4,6-Tribromophenol
Concen: 138.412 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

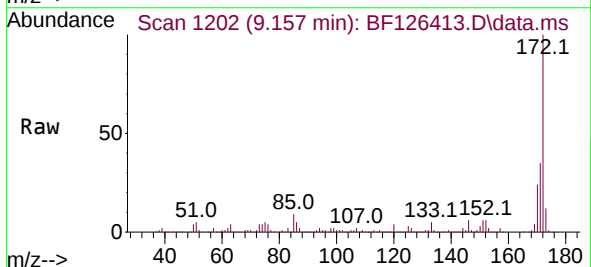
Instrument :
BNA_F
ClientSampleId :



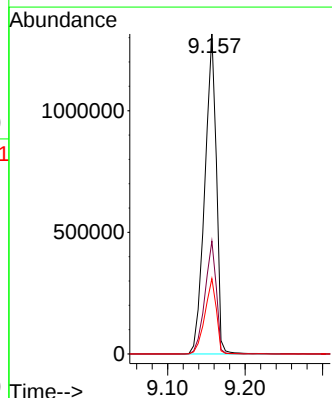
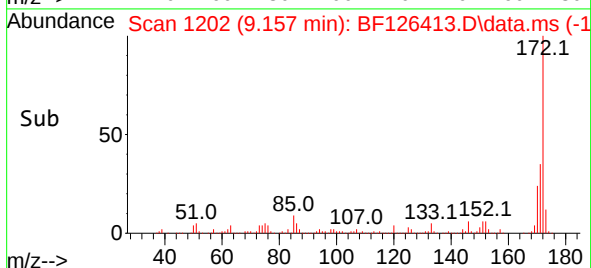
Tgt Ion: 330 Resp: 327075
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 35.0 30.1 45.1

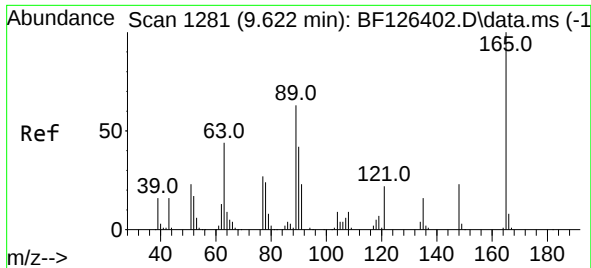


#45
2-Fluorobiphenyl
Concen: 78.333 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35



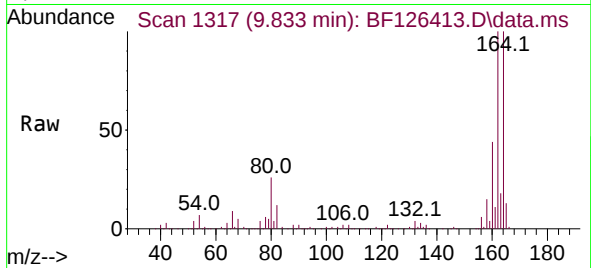
Tgt Ion: 172 Resp: 1361242
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 19.0 28.6



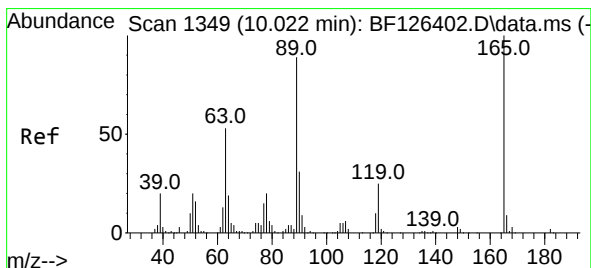
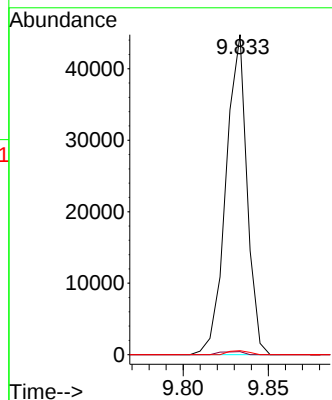
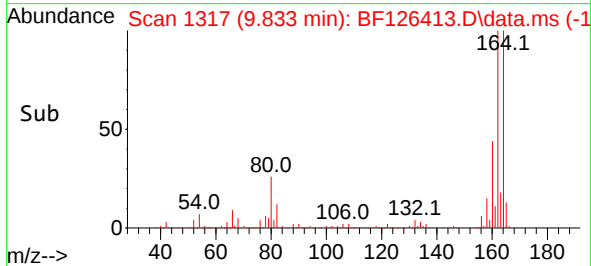


#51
2,6-Dinitrotoluene
Concen: 9.312 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

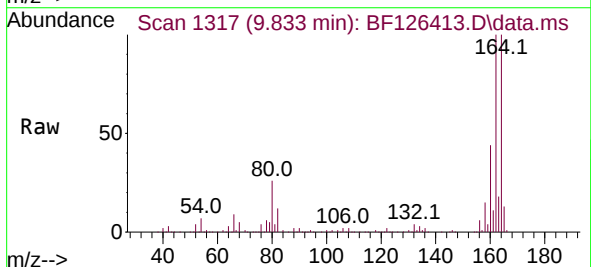
Instrument :
BNA_F
ClientSampleId :



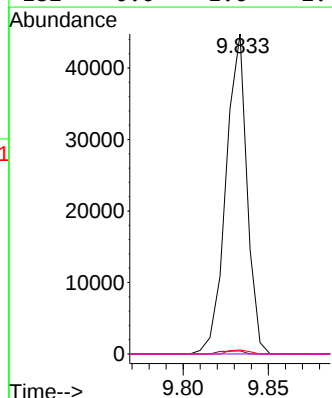
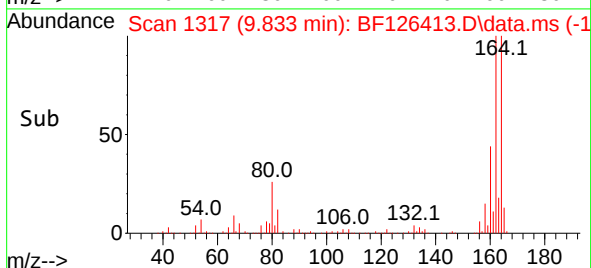
Tgt Ion:165 Resp: 38391
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.3 50.5 75.7#

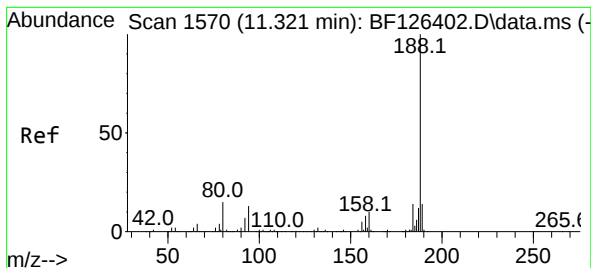


#57
2,4-Dinitrotoluene
Concen: 7.218 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35



Tgt Ion:165 Resp: 38391
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126413.D

Acq: 30 Dec 2021 11:35

Instrument :

BNA_F

ClientSampleId :

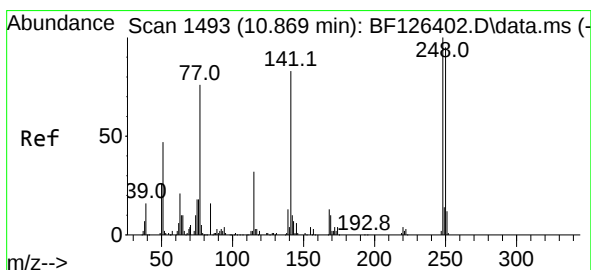
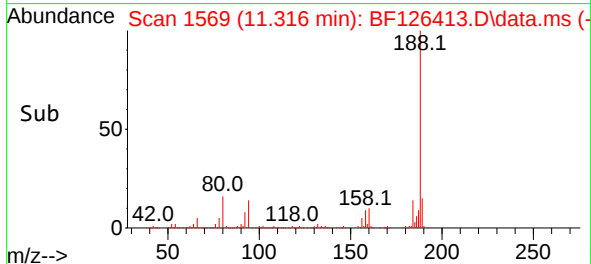
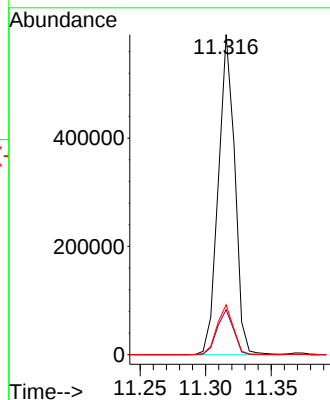
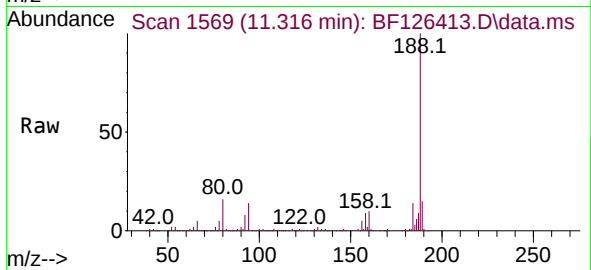
Tgt Ion:188 Resp: 514027

Ion Ratio Lower Upper

188 100

94 14.1 10.1 15.1

80 15.6 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.838 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF126413.D

Acq: 30 Dec 2021 11:35

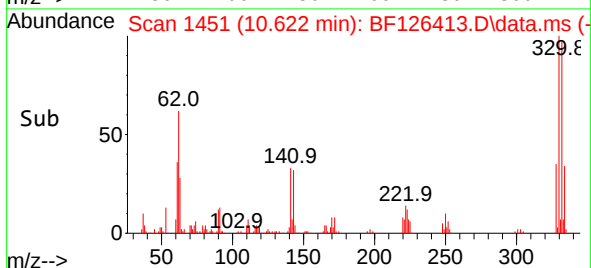
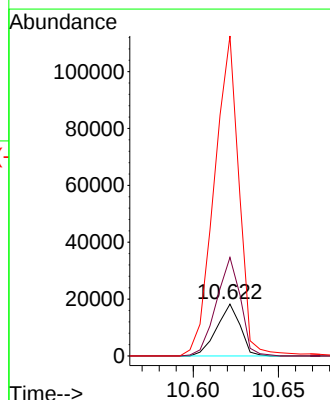
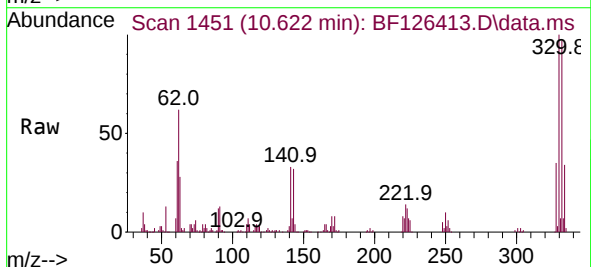
Tgt Ion:248 Resp: 17513

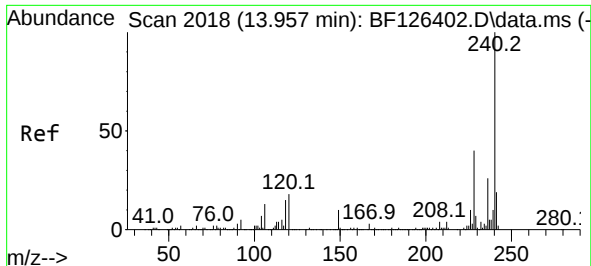
Ion Ratio Lower Upper

248 100

250 190.3 76.2 114.4#

141 617.3 66.2 99.4#

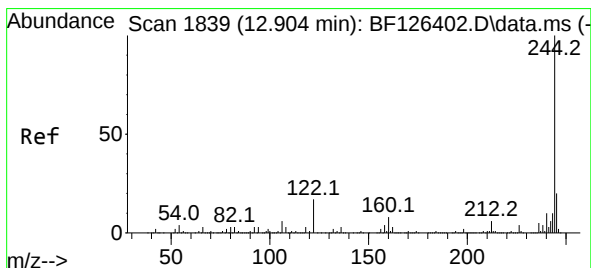
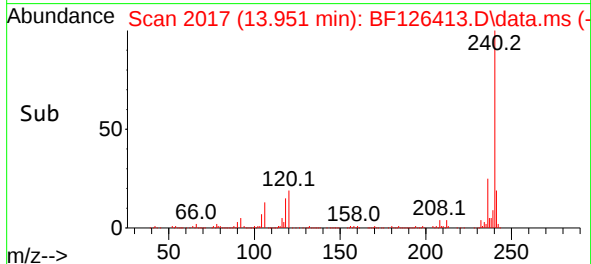
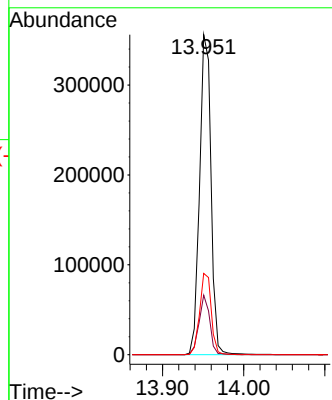
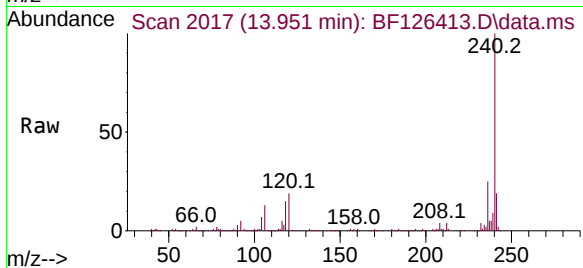




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

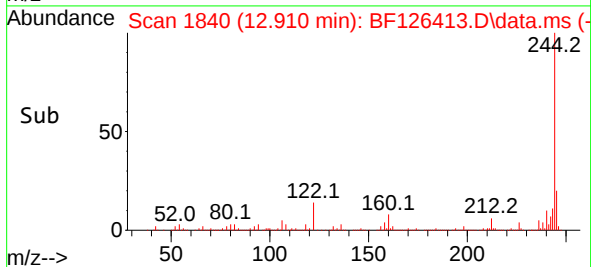
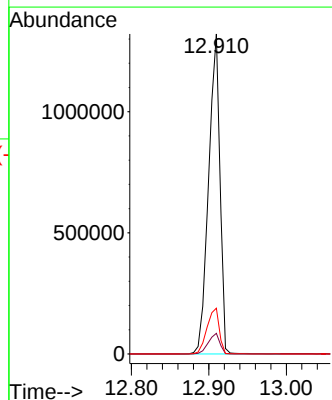
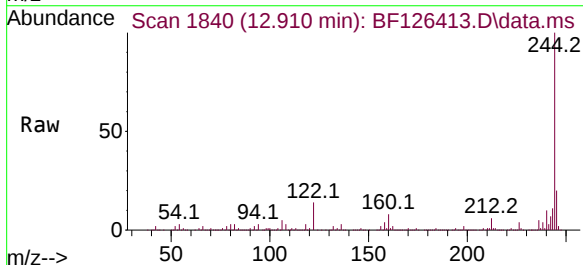
Instrument :
BNA_F
ClientSampleId :

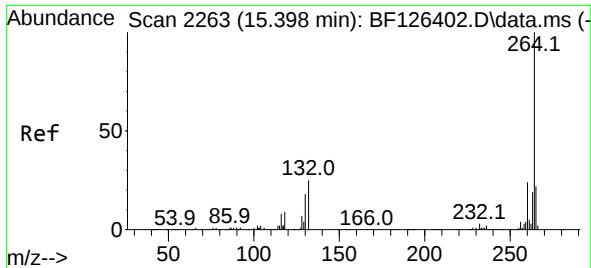
Tgt Ion:240 Resp: 348859
Ion Ratio Lower Upper
240 100
120 18.6 14.4 21.6
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 74.830 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

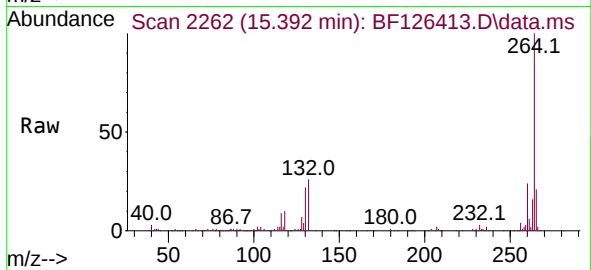
Tgt Ion:244 Resp: 1343595
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 14.3 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 236834

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.8	17.4	26.2

