

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136592.D
 Acq On : 15 Dec 2023 14:49
 Operator : CG\JU
 Sample : 05758-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-2

Quant Time: Dec 15 16:11:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

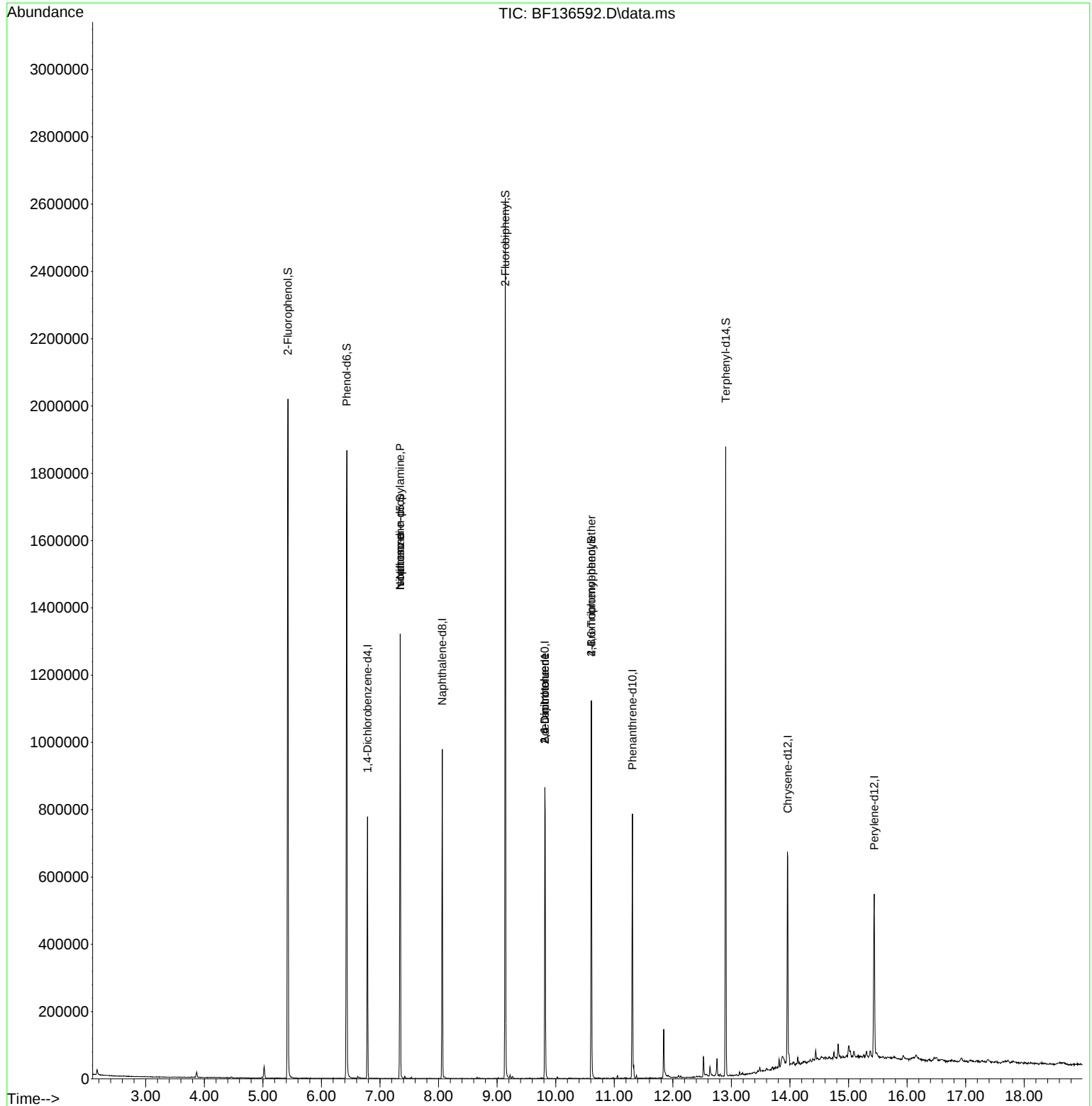
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	104053	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	394698	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	179977	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	263809	20.000	ng	0.00
76) Chrysene-d12	13.963	240	219395	20.000	ng	0.00
86) Perylene-d12	15.439	264	226636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	562072	79.775	ng	0.00
7) Phenol-d6	6.434	99	678577	77.193	ng	0.00
23) Nitrobenzene-d5	7.345	82	402402	55.116	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	134246	60.495	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	756540	57.357	ng	0.00
79) Terphenyl-d14	12.904	244	600130	36.054	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	945	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	52400	10.333	ng	# 74
25) Isophorone	7.345	82	402394	30.677	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	22688	7.611	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	22688	5.753	ng	# 28
67) 4-Bromophenyl-phenylether	10.610	248	8358	2.725	ng	# 1
77) Benzidine	12.904	184	6816	Below Cal	#	92

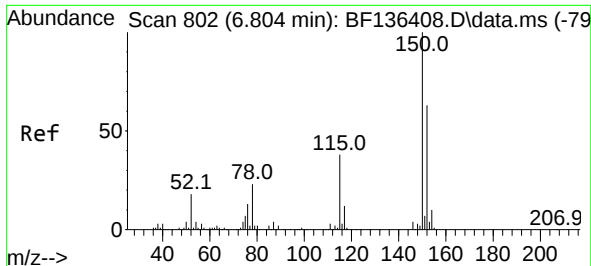
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
Data File : BF136592.D
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Quant Time: Dec 15 16:11:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

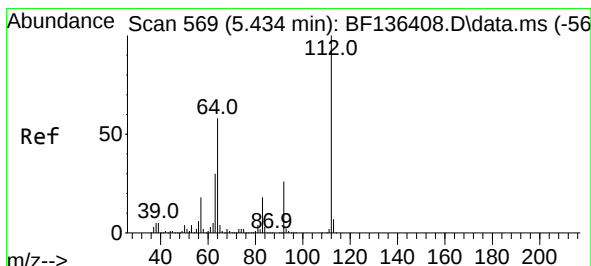
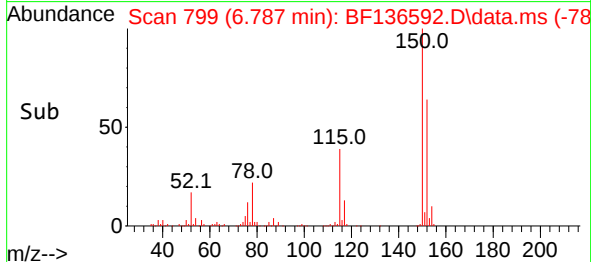
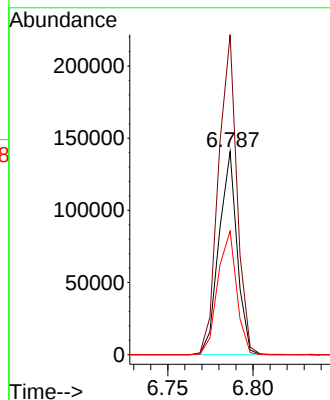
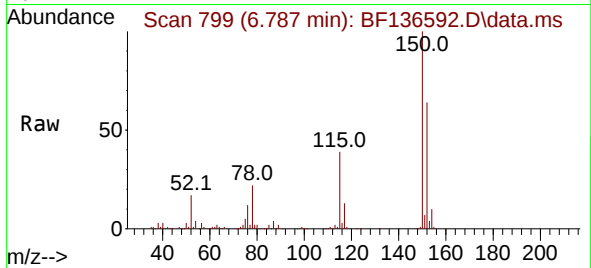




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF136592.D
 Acq: 15 Dec 2023 14:49

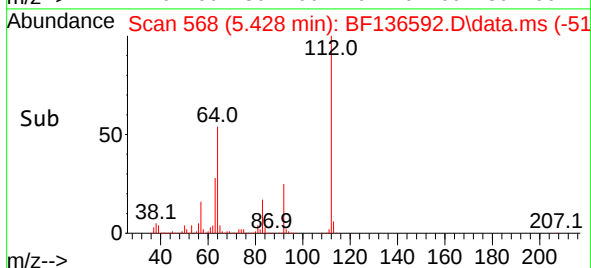
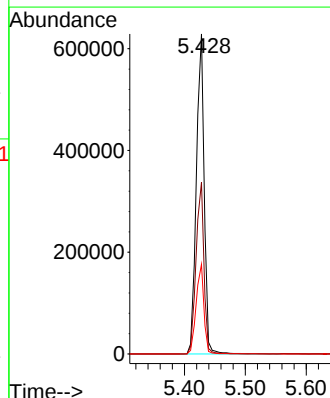
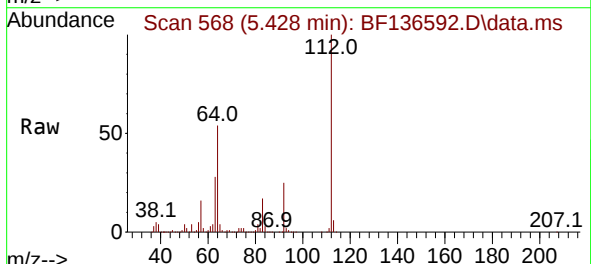
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-2

Tgt Ion:152 Resp: 104053
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.4 189.6
 115 60.8 48.2 72.4



#5
 2-Fluorophenol
 Concen: 79.775 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF136592.D
 Acq: 15 Dec 2023 14:49

Tgt Ion:112 Resp: 562072
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.5 69.7
 63 28.0 23.9 35.9

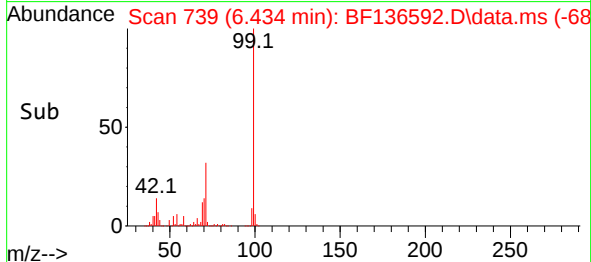
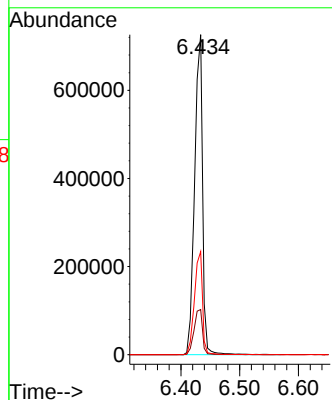
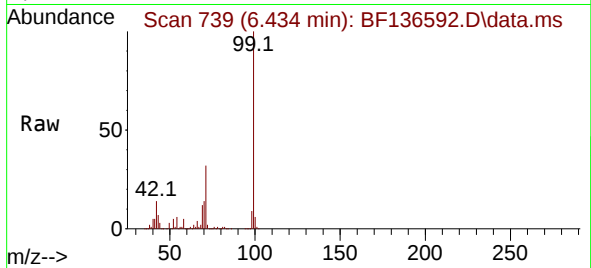




#7
Phenol-d6
Concen: 77.193 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136592.D
Acq: 15 Dec 2023 14:49

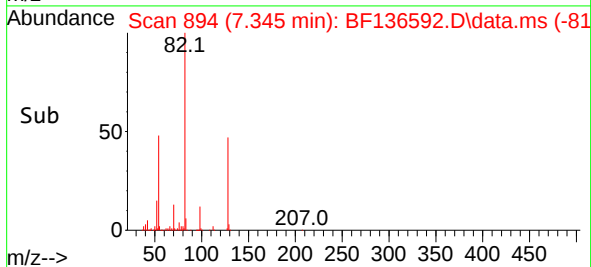
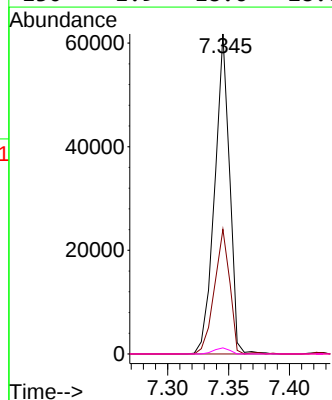
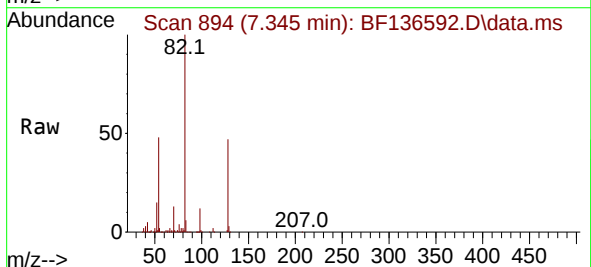
Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

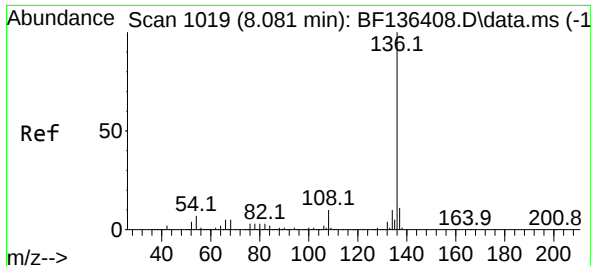
Tgt Ion: 99 Resp: 678577
Ion Ratio Lower Upper
99 100
42 14.1 12.8 19.2
71 32.2 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.333 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF136592.D
Acq: 15 Dec 2023 14:49

Tgt Ion: 70 Resp: 52400
Ion Ratio Lower Upper
70 100
42 38.9 41.4 62.0#
101 0.0 8.2 12.4#
130 1.9 18.6 28.0#



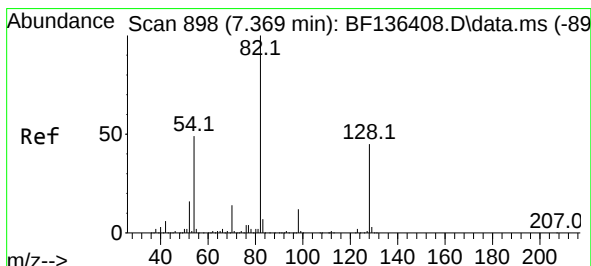
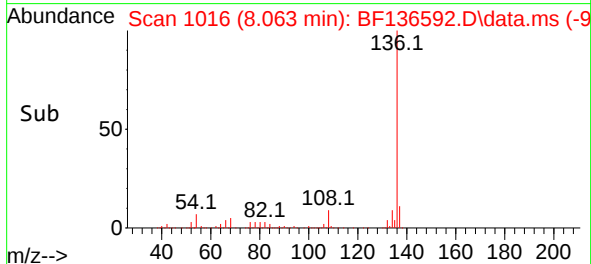
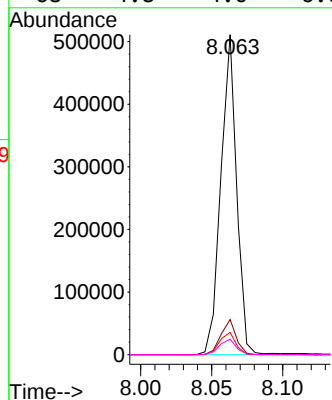
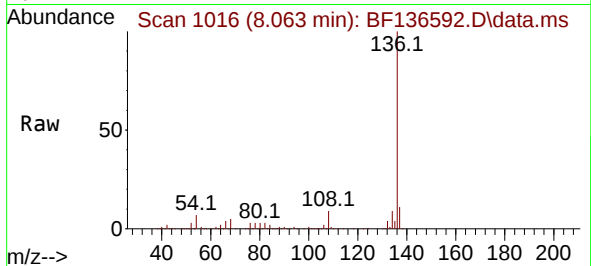


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136592.D
Acq: 15 Dec 2023 14:49

Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Tgt Ion:136 Resp: 394698

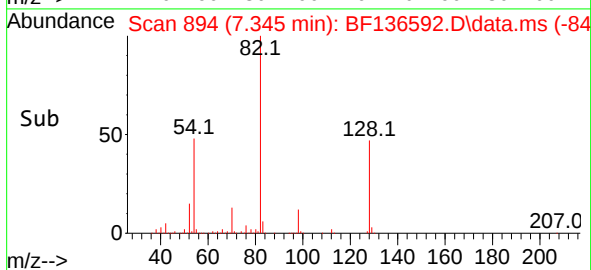
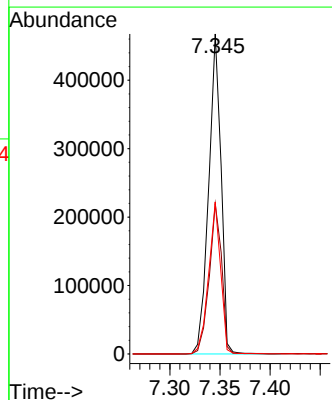
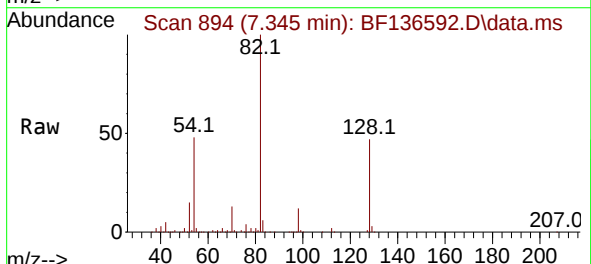
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.0	5.7	8.5
68	4.8	4.0	6.0

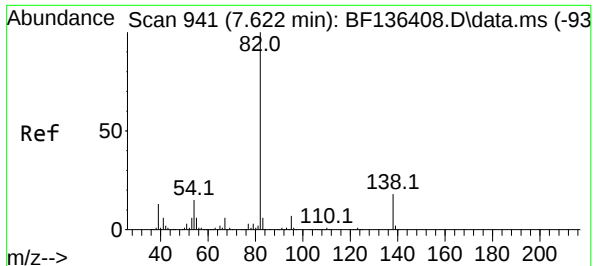


#23
Nitrobenzene-d5
Concen: 55.116 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136592.D
Acq: 15 Dec 2023 14:49

Tgt Ion: 82 Resp: 402402

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	47.5	39.0	58.6

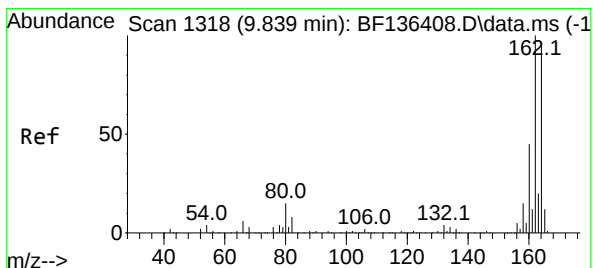
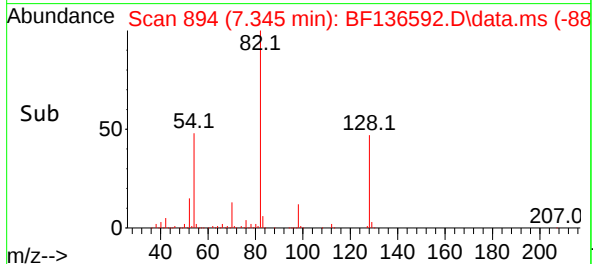
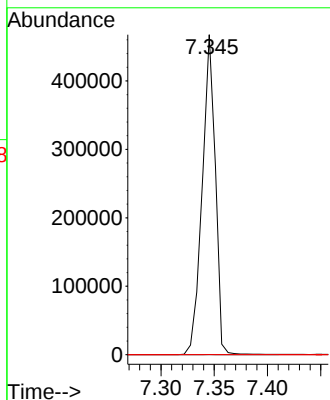
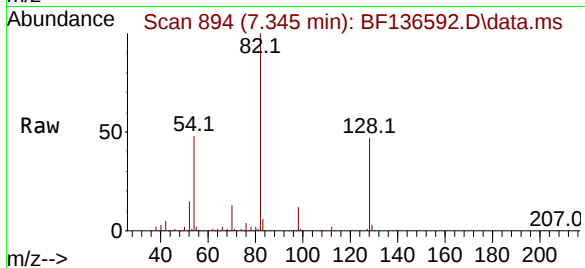




#25
Isophorone
Concen: 30.677 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF136592.D
Acq: 15 Dec 2023 14:49

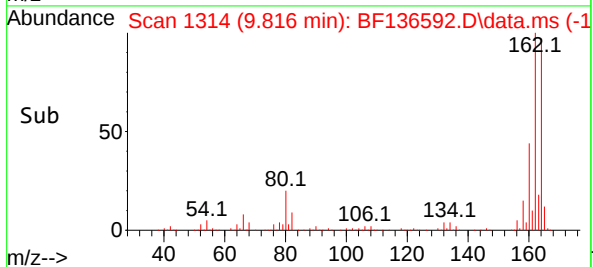
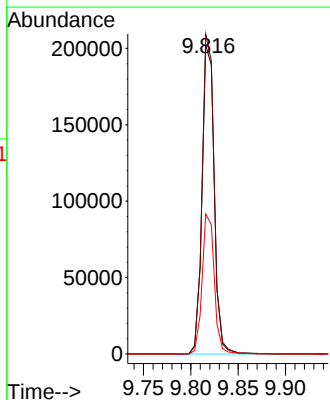
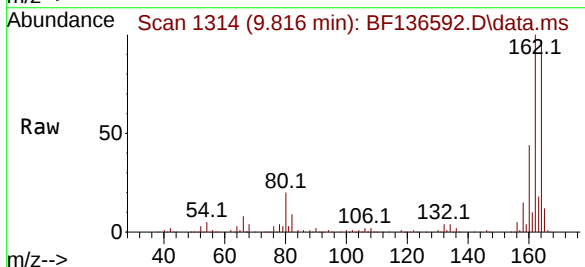
Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Tgt Ion: 82 Resp: 402394
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136592.D
Acq: 15 Dec 2023 14:49

Tgt Ion:164 Resp: 179977
Ion Ratio Lower Upper
164 100
162 103.6 84.4 126.6
160 45.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 60.495 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136592.D

Acq: 15 Dec 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SP-COMP-2

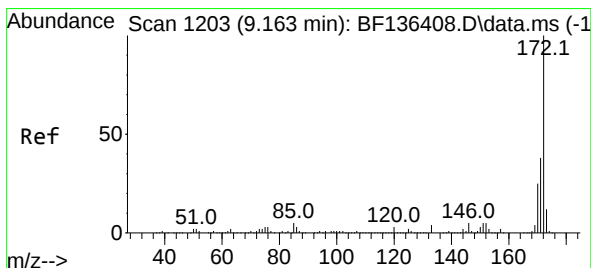
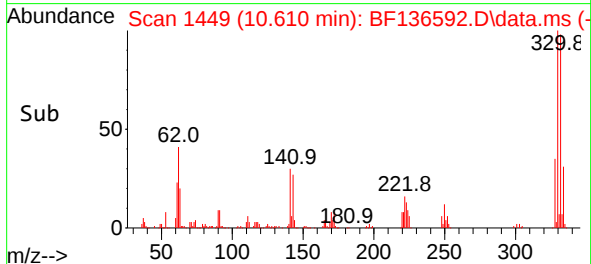
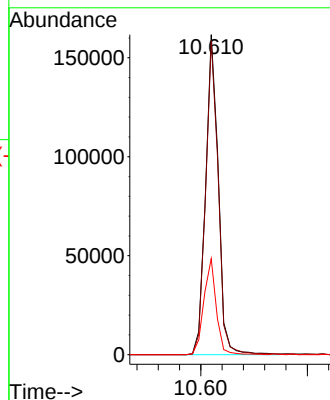
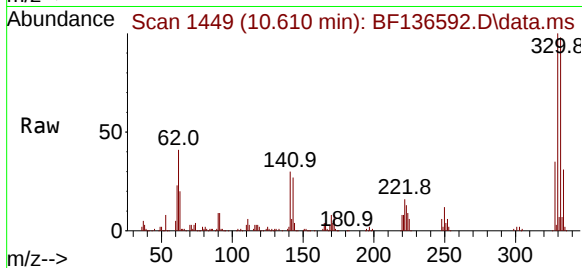
Tgt Ion:330 Resp: 134246

Ion Ratio Lower Upper

330 100

332 97.5 76.4 114.6

141 29.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 57.357 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF136592.D

Acq: 15 Dec 2023 14:49

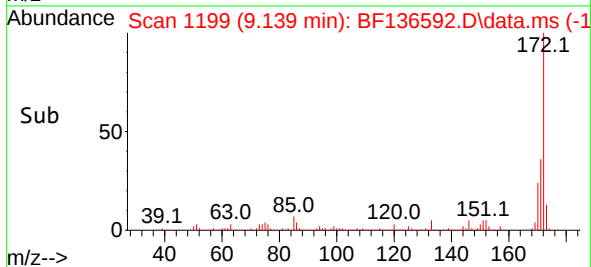
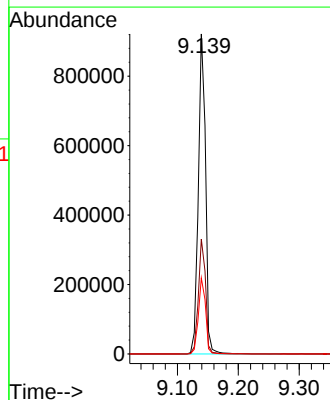
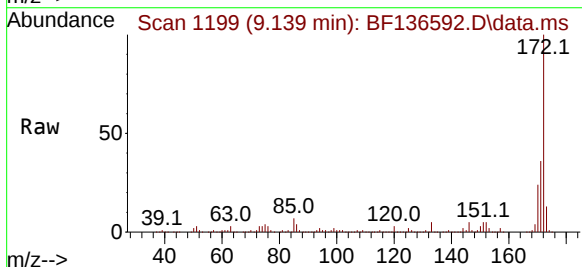
Tgt Ion:172 Resp: 756540

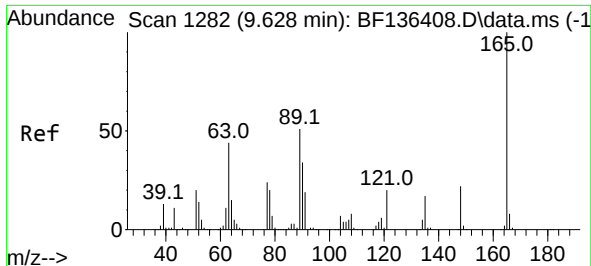
Ion Ratio Lower Upper

172 100

171 35.9 30.5 45.7

170 23.8 19.9 29.9





#51

2,6-Dinitrotoluene

Concen: 7.611 ng

RT: 9.816 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF136592.D

Acq: 15 Dec 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SP-COMP-2

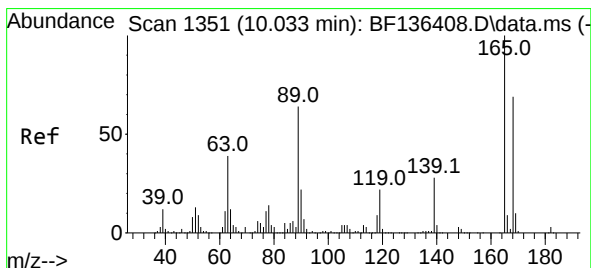
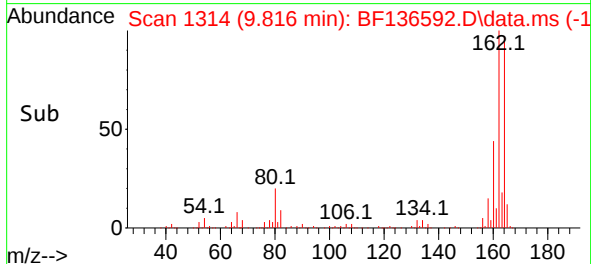
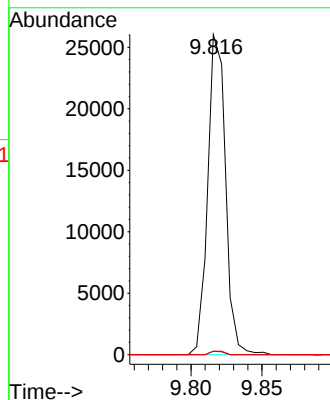
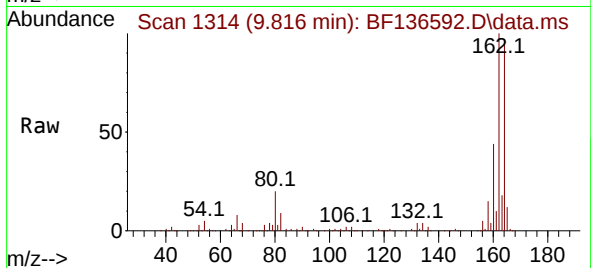
Tgt Ion:165 Resp: 22688

Ion Ratio Lower Upper

165 100

63 1.1 40.4 60.6#

89 1.1 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 5.753 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF136592.D

Acq: 15 Dec 2023 14:49

Tgt Ion:165 Resp: 22688

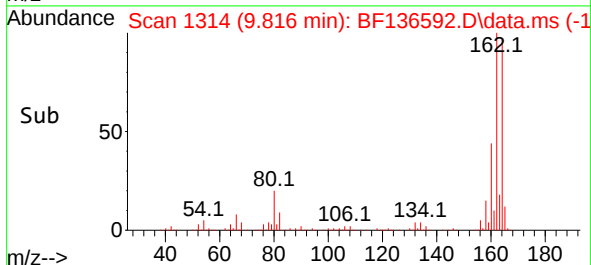
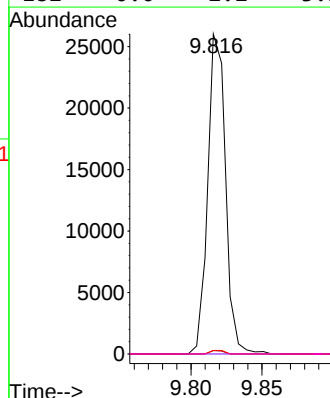
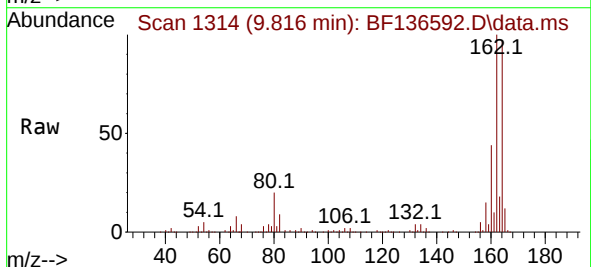
Ion Ratio Lower Upper

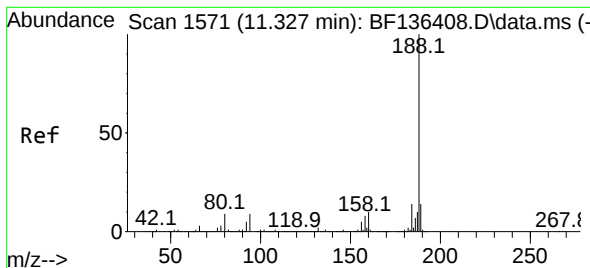
165 100

63 1.1 31.4 47.2#

89 1.1 51.7 77.5#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136592.D

Acq: 15 Dec 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SP-COMP-2

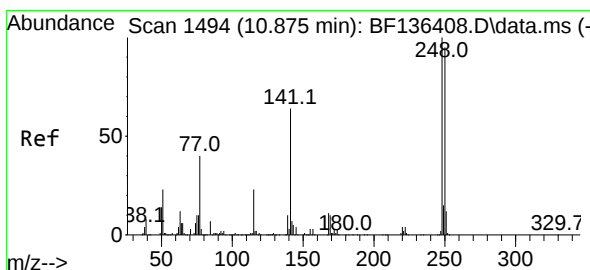
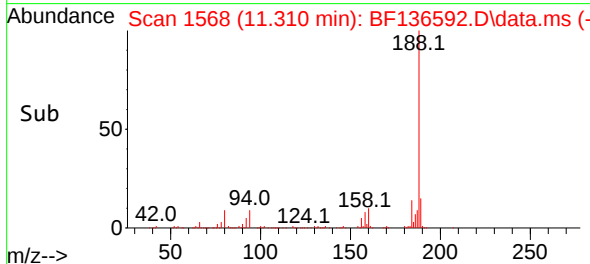
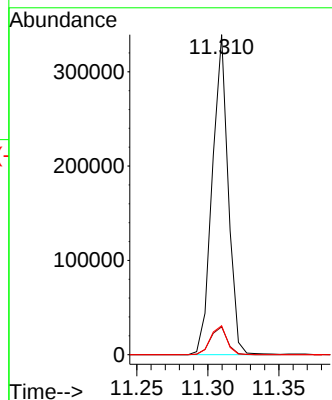
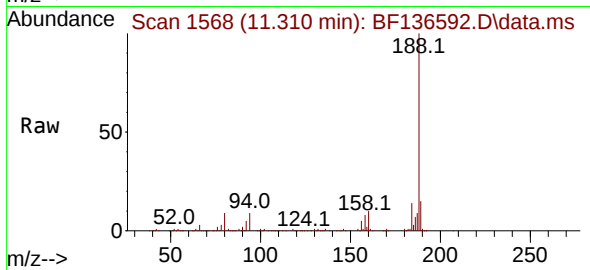
Tgt Ion:188 Resp: 263809

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 9.1 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 2.725 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136592.D

Acq: 15 Dec 2023 14:49

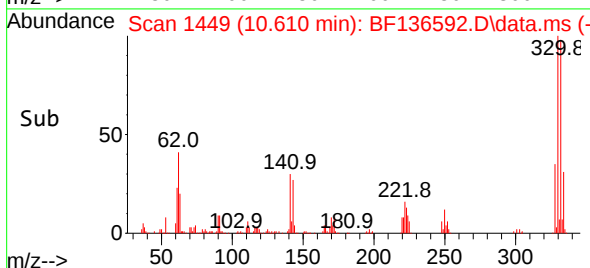
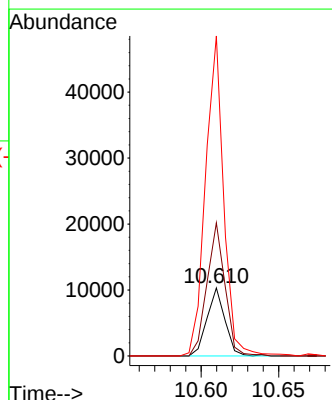
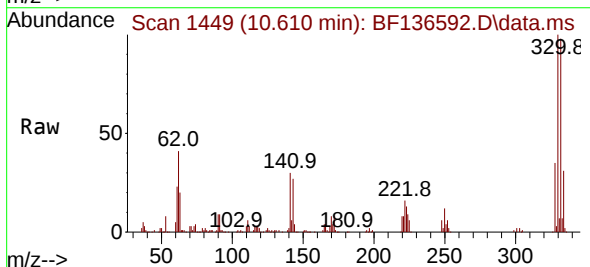
Tgt Ion:248 Resp: 8358

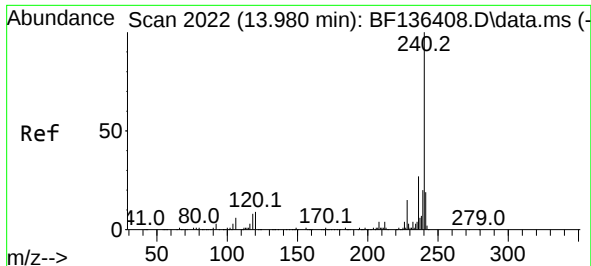
Ion Ratio Lower Upper

248 100

250 195.7 76.2 114.2#

141 470.1 51.0 76.4#

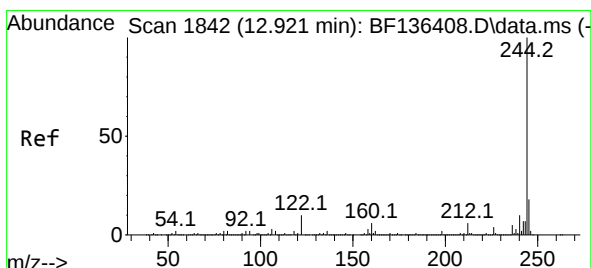
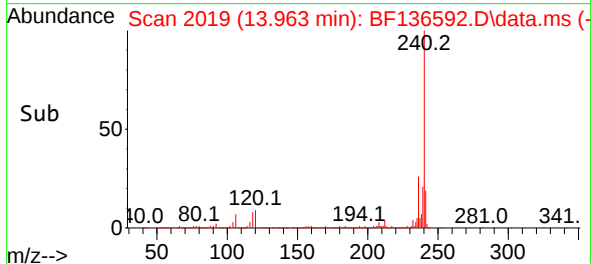
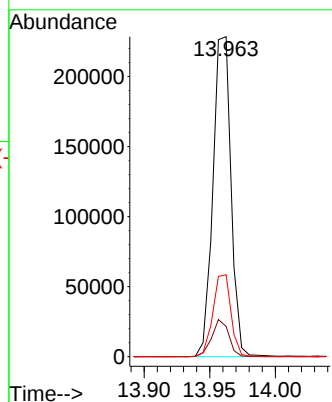
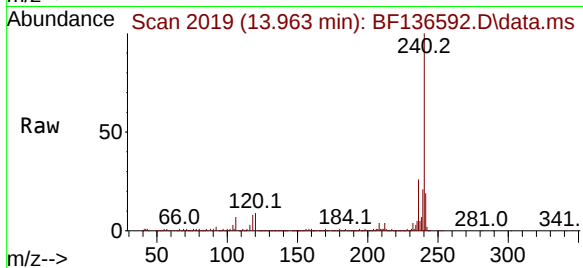




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136592.D
Acq: 15 Dec 2023 14:49

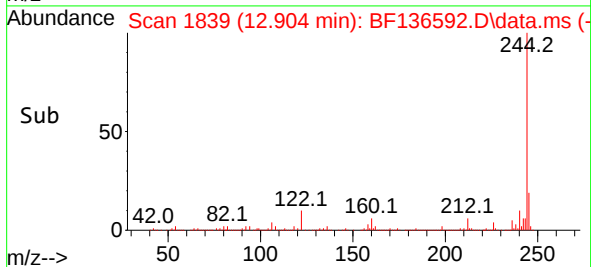
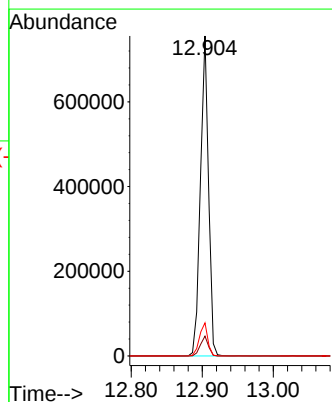
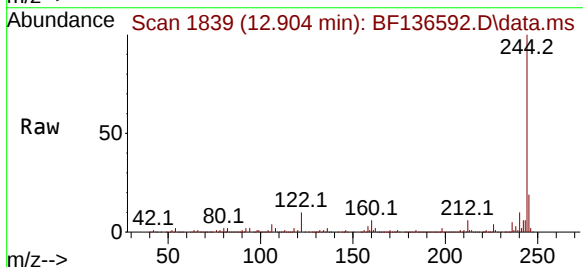
Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

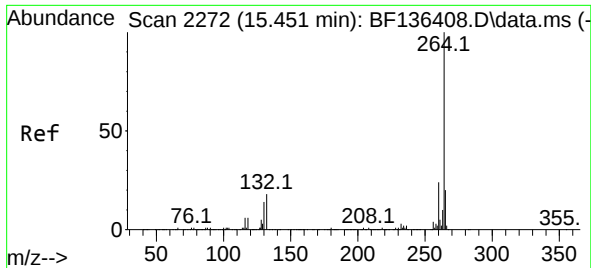
Tgt Ion:240 Resp: 219395
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.6 21.3 31.9



#79
Terphenyl-d14
Concen: 36.054 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF136592.D
Acq: 15 Dec 2023 14:49

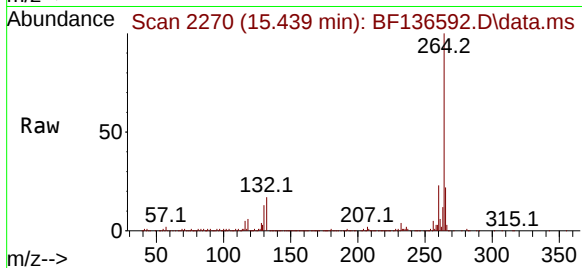
Tgt Ion:244 Resp: 600130
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.4 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136592.D
 Acq: 15 Dec 2023 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-2



Tgt Ion:264 Resp: 226636
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 15.9 23.9

