

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129128.D
 Acq On : 05 Jul 2022 17:28
 Operator : CG\JU
 Sample : N3564-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-11-3

Quant Time: Jul 05 18:50:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

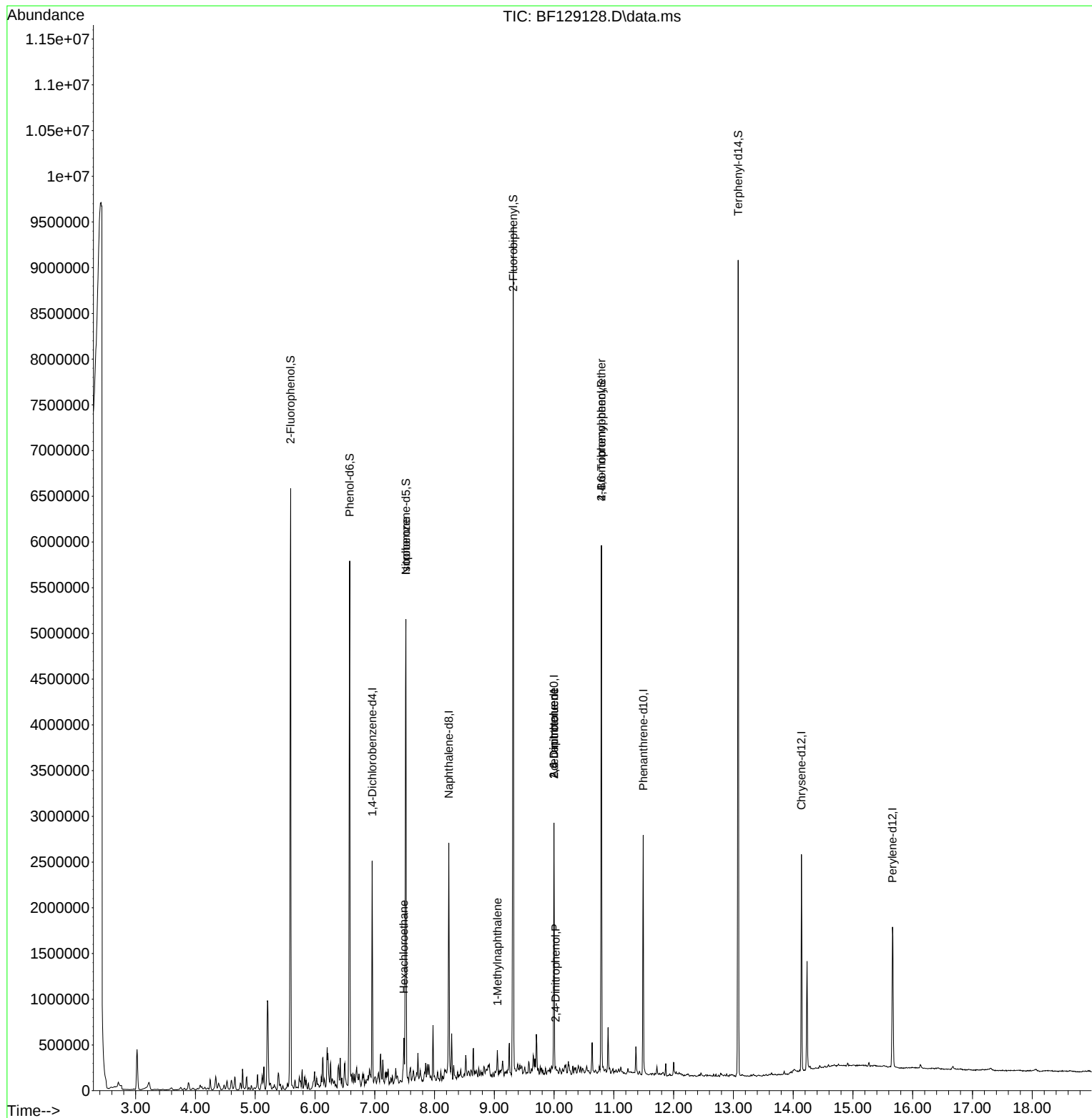
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	285672	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1074121	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	521629	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	876132	20.000	ng	0.00
76) Chrysene-d12	14.139	240	765059	20.000	ng	-0.01
86) Perylene-d12	15.662	264	752466	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1908781	112.963	ng	0.00
7) Phenol-d6	6.581	99	2080580	99.141	ng	0.00
23) Nitrobenzene-d5	7.522	82	1601061	88.908	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	712456	125.611	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2922029	89.616	ng	0.00
79) Terphenyl-d14	13.080	244	3050524	82.802	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	4449	Below Cal	#	78
18) Hexachloroethane	7.486	117	23346	3.374	ng	# 1
25) Isophorone	7.522	82	1585993	52.112	ng	# 66
38) 1-Methylnaphthalene	9.051	142	65189	2.046	ng	# 97
51) 2,6-Dinitrotoluene	9.998	165	70187	10.525	ng	# 26
54) 2,4-Dinitrophenol	10.027	184	66	6.883	ng	# 1
57) 2,4-Dinitrotoluene	9.998	165	70187	8.526	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	42753	4.587	ng	# 1

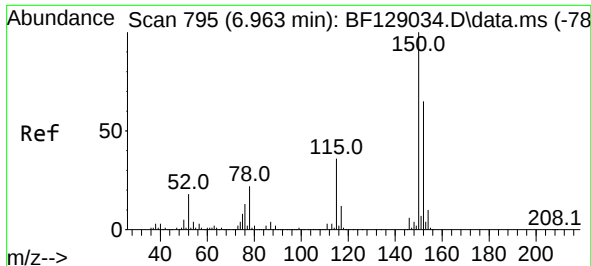
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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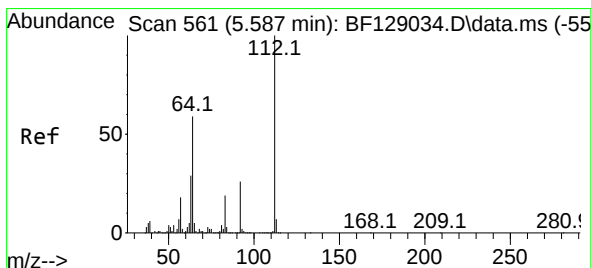
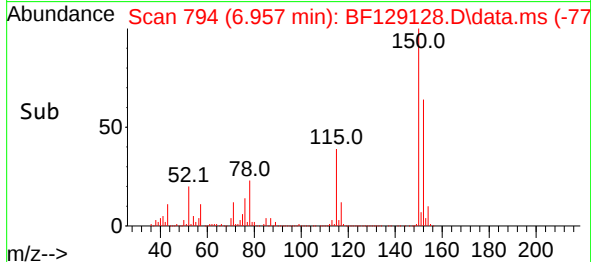
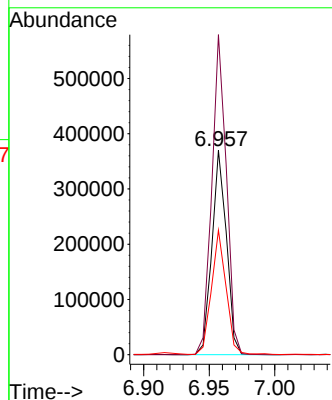
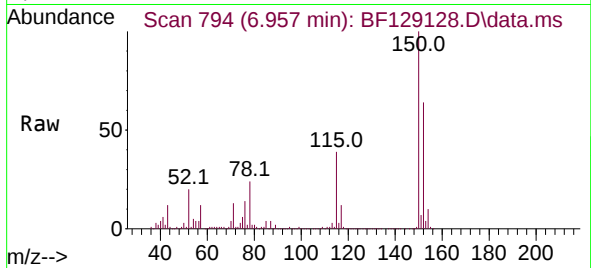




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

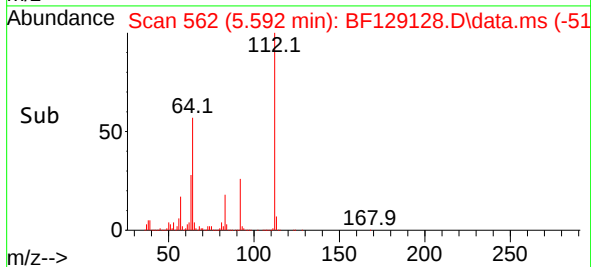
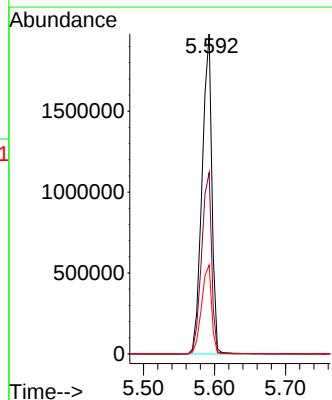
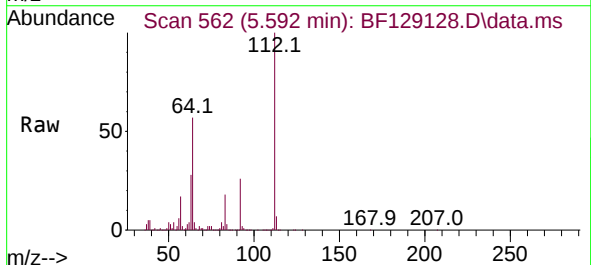
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-3

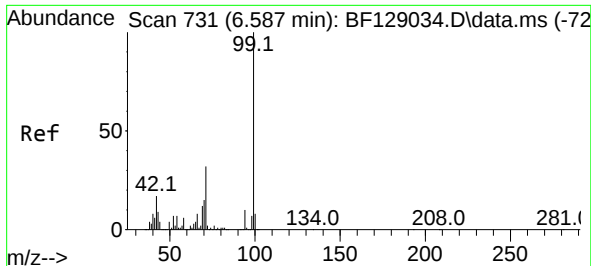
Tgt Ion:152 Resp: 285672
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 112.963 ng
RT: 5.592 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

Tgt Ion:112 Resp: 1908781
Ion Ratio Lower Upper
112 100
64 56.7 53.3 79.9
63 27.8 28.0 42.0





#7

Phenol-d6

Concen: 99.141 ng

RT: 6.581 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

Instrument :

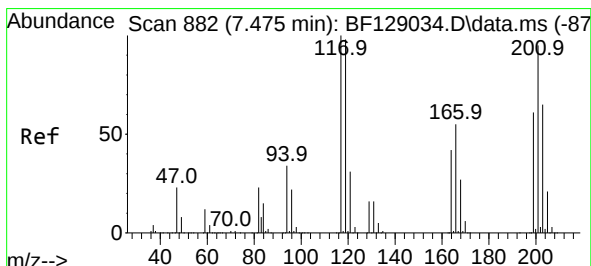
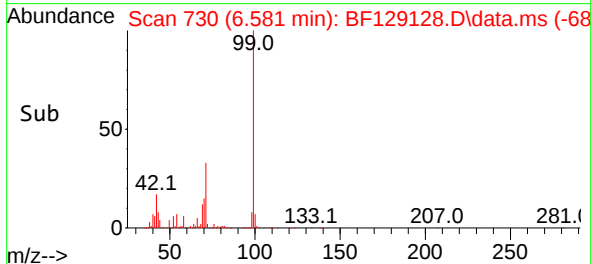
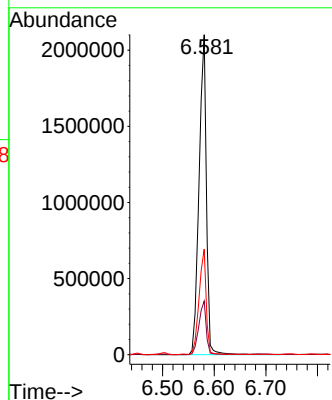
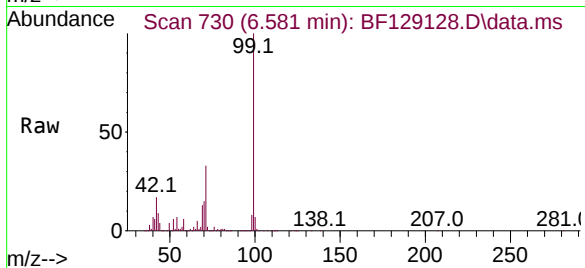
BNA_F

ClientSampleId :

WC-14B-11-3

Tgt Ion: 99 Resp: 2080580

Ion	Ratio	Lower	Upper
99	100		
42	16.8	17.3	25.9#
71	33.0	28.9	43.3



#18

Hexachloroethane

Concen: 3.374 ng

RT: 7.486 min Scan# 884

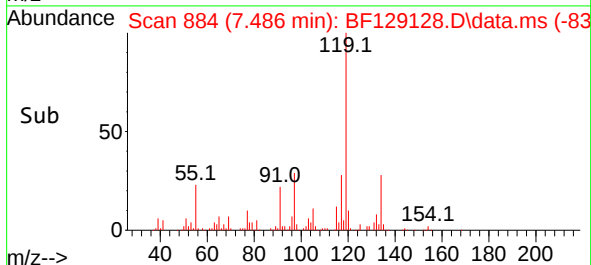
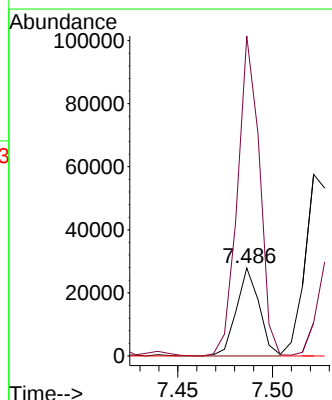
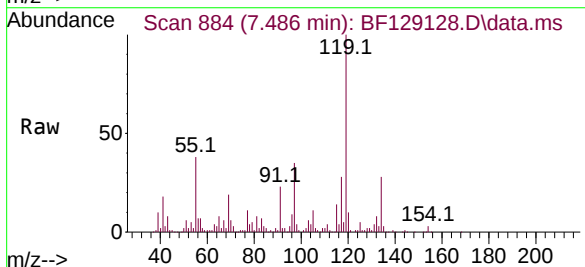
Delta R.T. 0.011 min

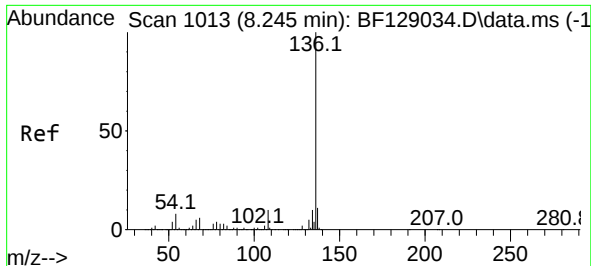
Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

Tgt Ion: 117 Resp: 23346

Ion	Ratio	Lower	Upper
117	100		
119	363.5	77.4	116.2#
201	0.0	84.6	127.0#

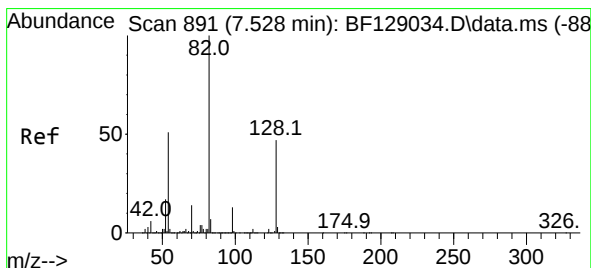
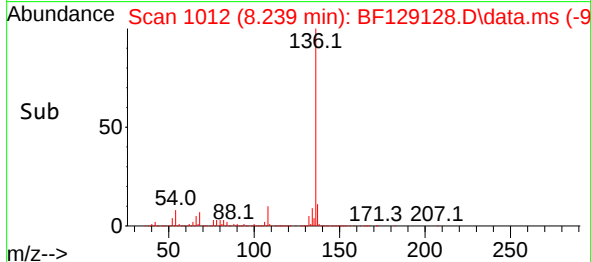
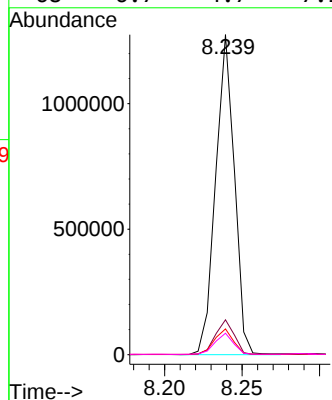
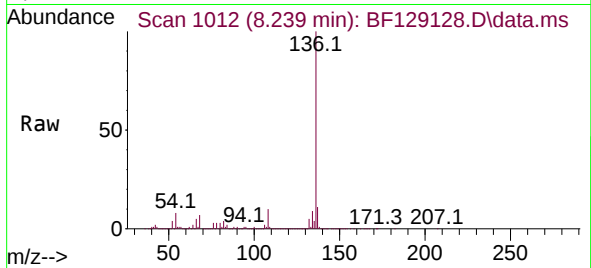




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

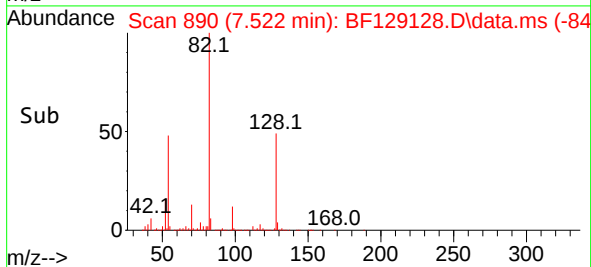
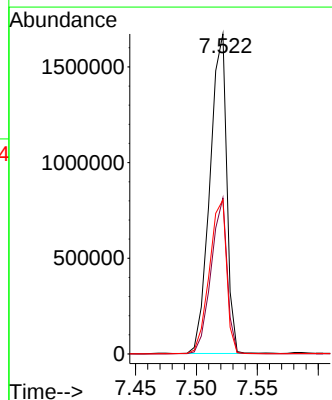
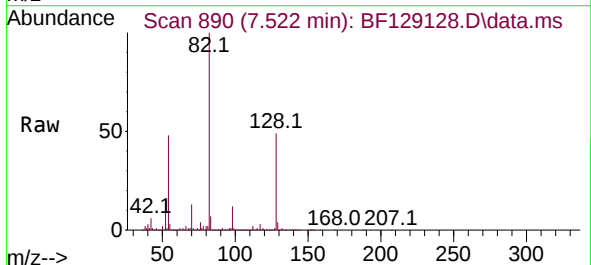
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-3

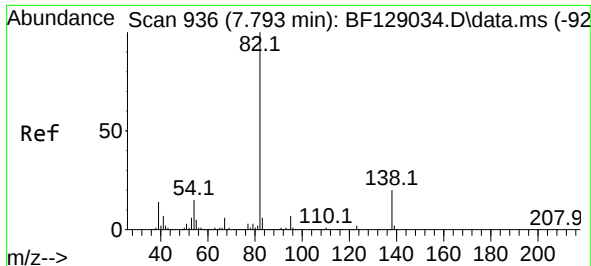
Tgt Ion:136 Resp: 1074121
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 7.5 11.3
68 6.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 88.908 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

Tgt Ion: 82 Resp: 1601061
Ion Ratio Lower Upper
82 100
128 48.8 34.0 51.0
54 48.1 46.9 70.3

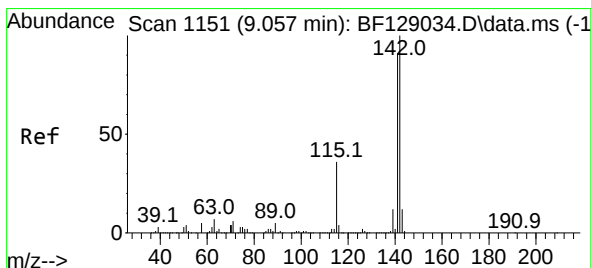
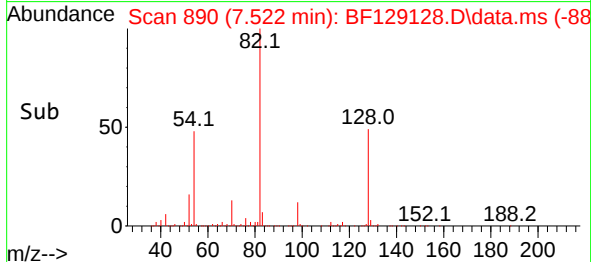
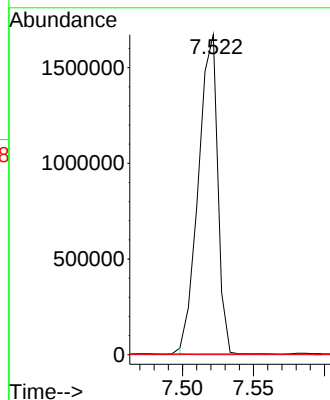
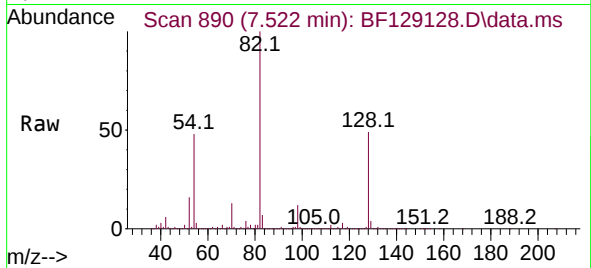




#25
Isophorone
Concen: 52.112 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

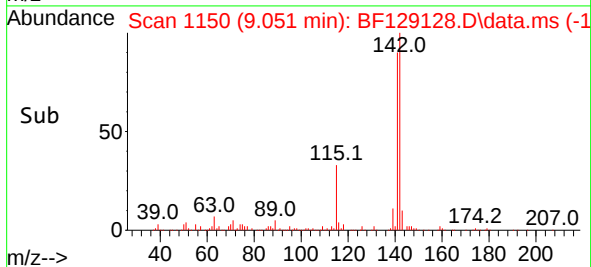
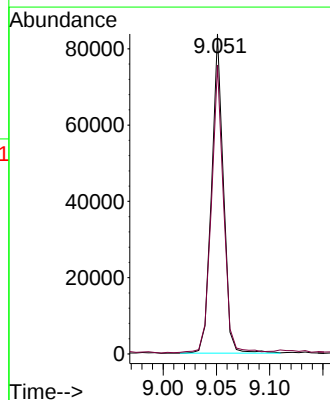
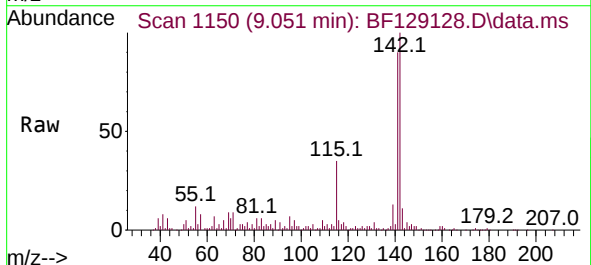
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-3

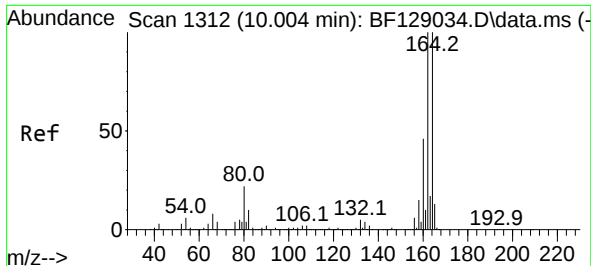
Tgt Ion: 82 Resp: 1585993
Ion Ratio Lower Upper
82 100
95 0.2 5.7 8.5#
138 0.0 14.2 21.2#



#38
1-Methylnaphthalene
Concen: 2.046 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

Tgt Ion: 142 Resp: 65189
Ion Ratio Lower Upper
142 100
141 90.3 74.2 111.4

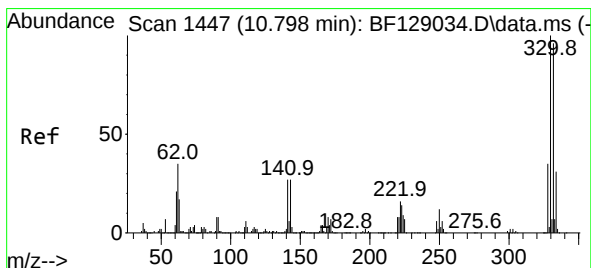
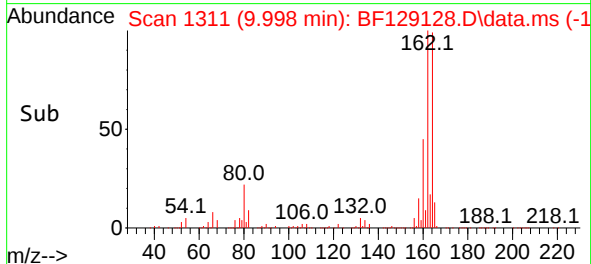
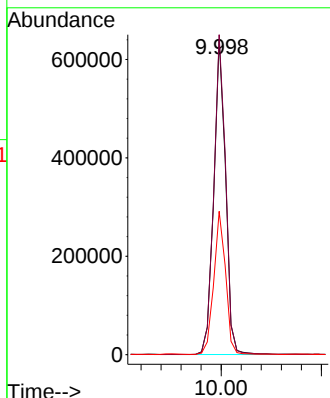
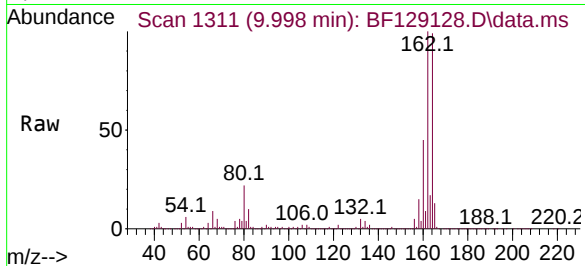




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

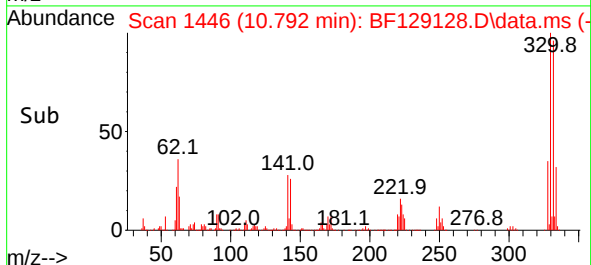
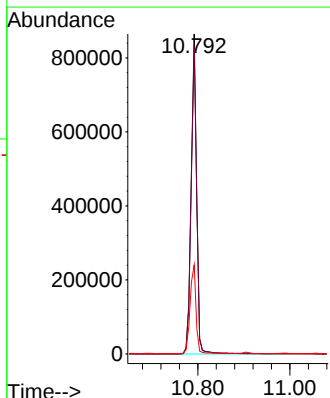
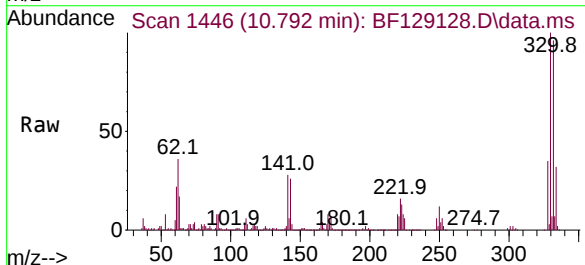
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-3

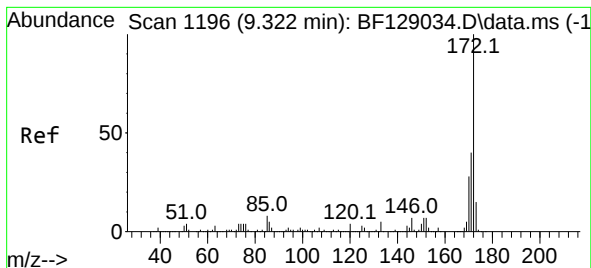
Tgt Ion:164 Resp: 521629
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 45.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 125.611 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

Tgt Ion:330 Resp: 712456
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 29.9 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 89.616 ng

RT: 9.316 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

Instrument :

BNA_F

ClientSampleId :

WC-14B-11-3

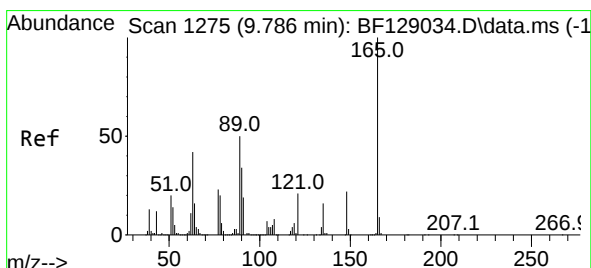
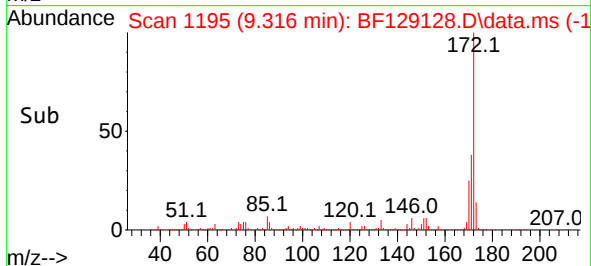
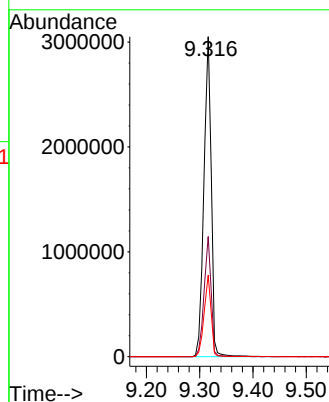
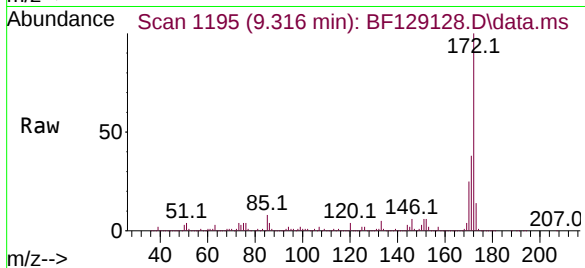
Tgt Ion:172 Resp: 2922029

Ion Ratio Lower Upper

172 100

171 37.5 28.8 43.2

170 25.5 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 10.525 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

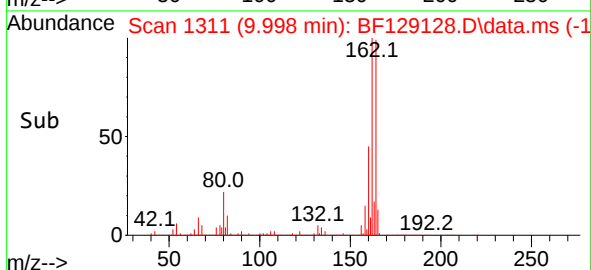
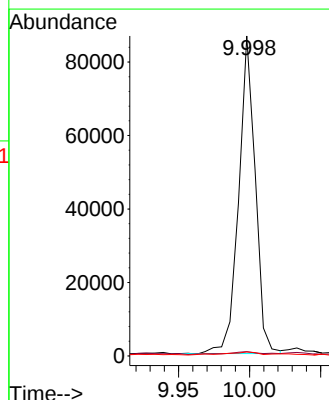
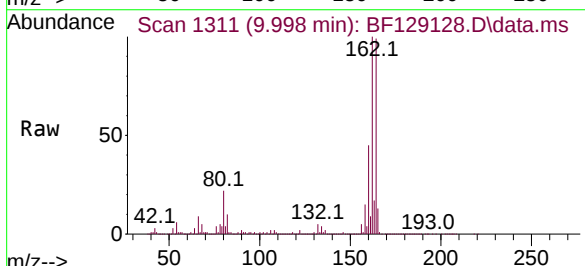
Tgt Ion:165 Resp: 70187

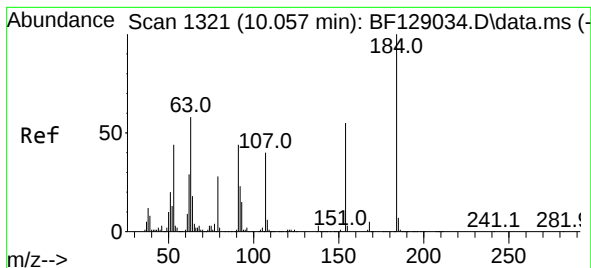
Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.3 43.6 65.4#





#54

2,4-Dinitrophenol

Concen: 6.883 ng

RT: 10.027 min Scan# 1316

Delta R.T. -0.030 min

Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

Instrument :

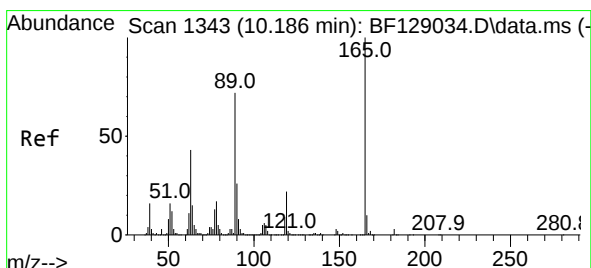
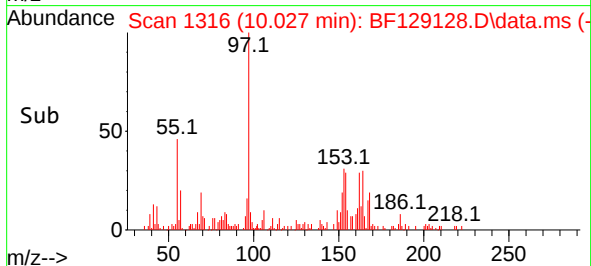
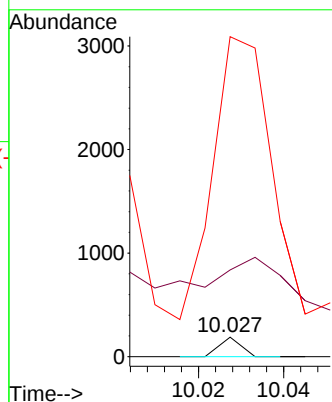
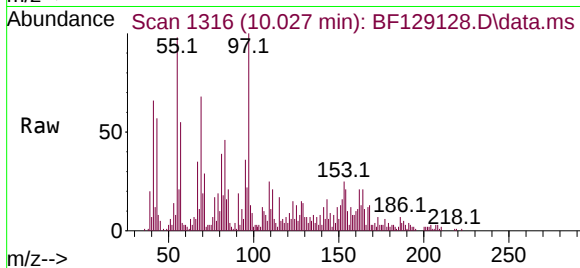
BNA_F

ClientSampleId :

WC-14B-11-3

Tgt Ion:184 Resp: 66

Ion	Ratio	Lower	Upper
184	100		
63	445.2	64.5	96.7#
154	1643.6	50.6	75.8#



#57

2,4-Dinitrotoluene

Concen: 8.526 ng

RT: 9.998 min Scan# 1311

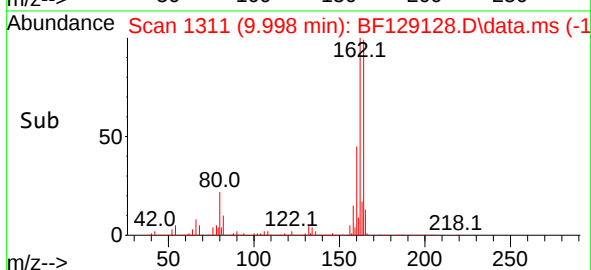
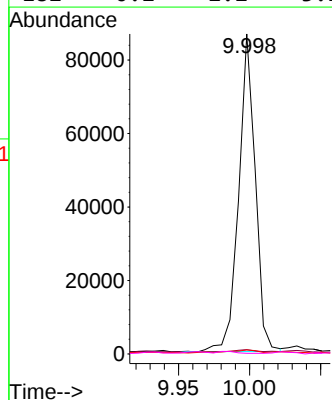
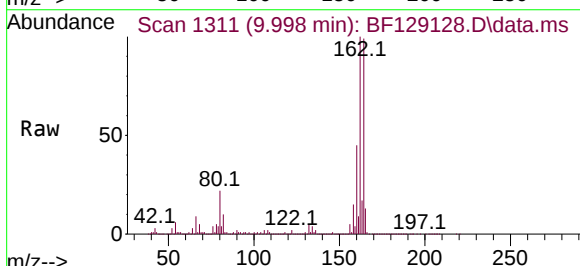
Delta R.T. -0.188 min

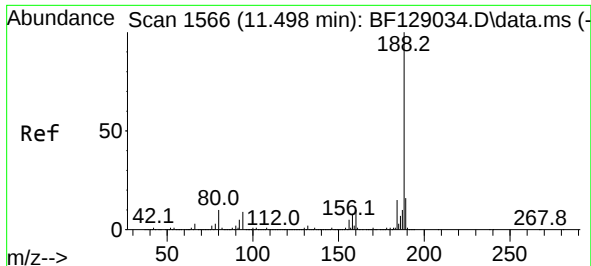
Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

Tgt Ion:165 Resp: 70187

Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.8	59.6#
89	1.3	60.2	90.2#
182	0.2	2.2	3.2#

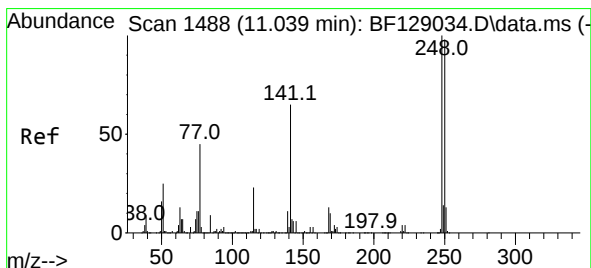
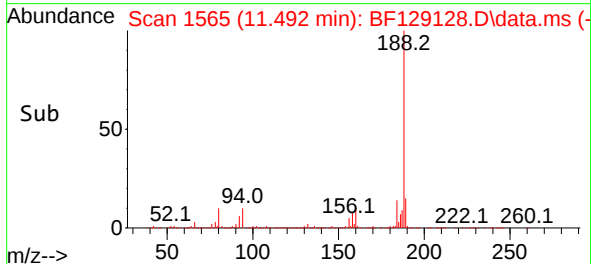
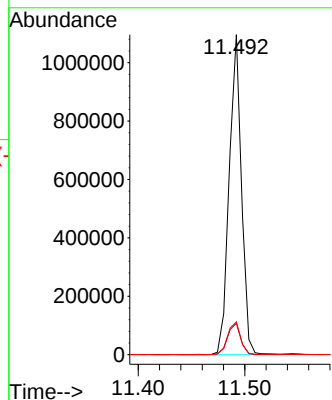
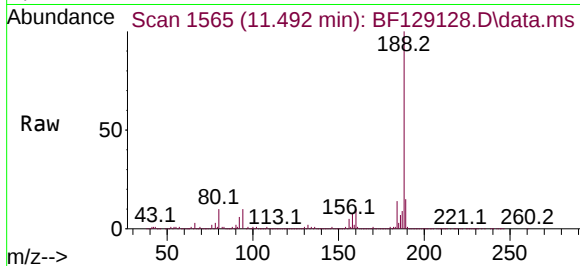




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

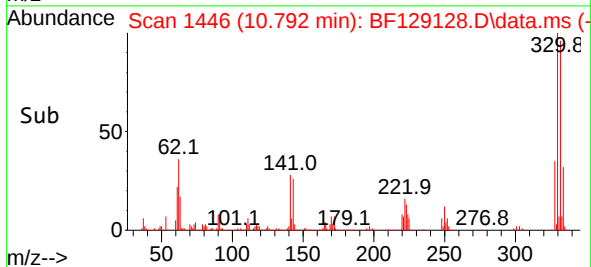
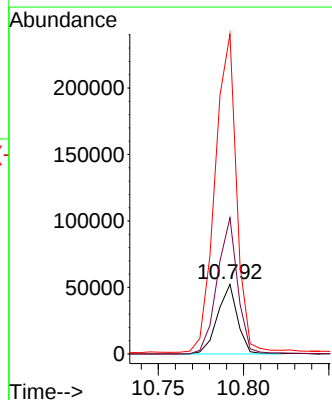
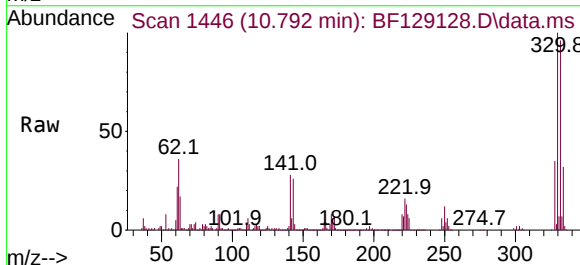
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-3

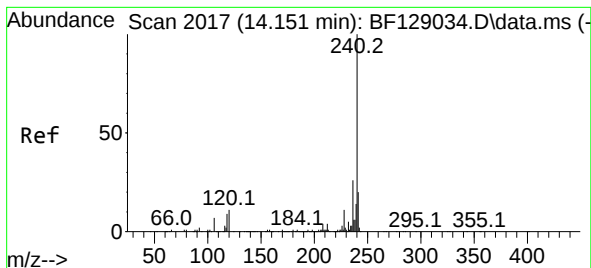
Tgt Ion:188 Resp: 876132
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.587 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

Tgt Ion:248 Resp: 42753
Ion Ratio Lower Upper
248 100
250 195.6 80.6 120.8#
141 459.7 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

Instrument :

BNA_F

ClientSampleId :

WC-14B-11-3

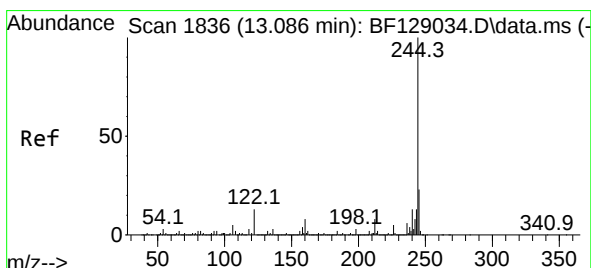
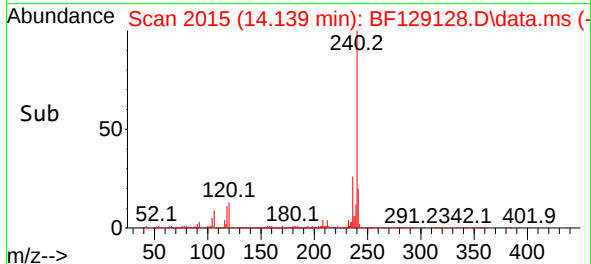
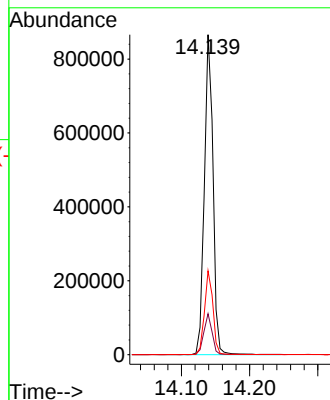
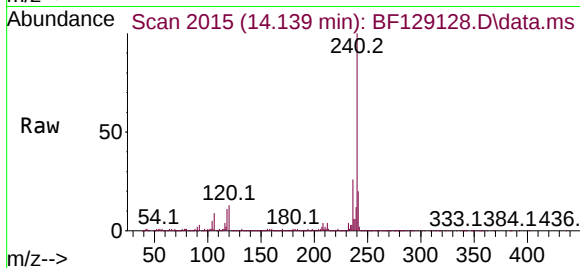
Tgt Ion:240 Resp: 765059

Ion Ratio Lower Upper

240 100

120 12.8 8.9 13.3

236 26.2 20.8 31.2



#79

Terphenyl-d14

Concen: 82.802 ng

RT: 13.080 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

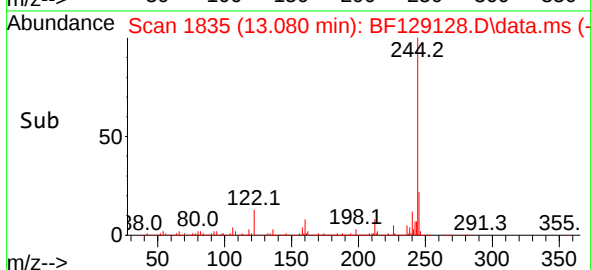
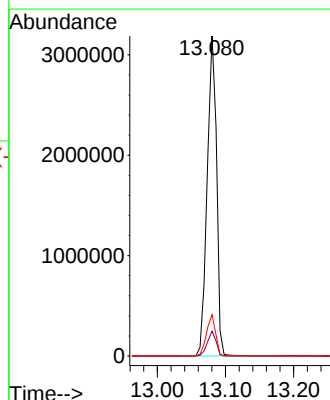
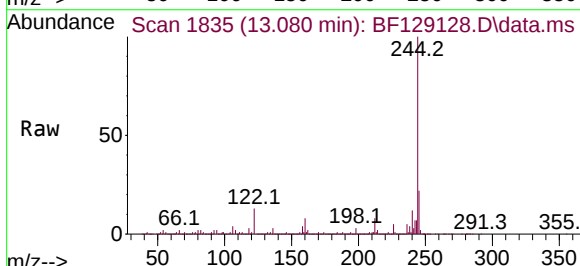
Tgt Ion:244 Resp: 3050524

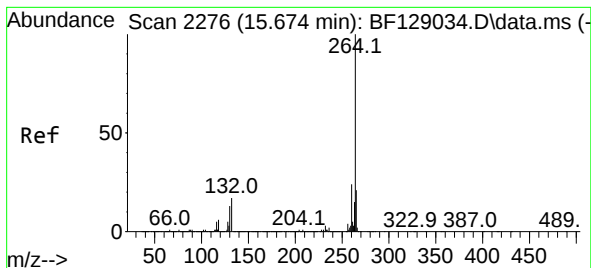
Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 12.9 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.662 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129128.D

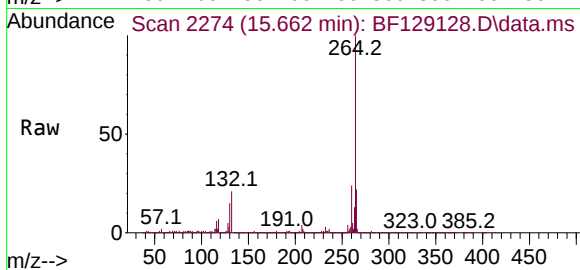
Acq: 05 Jul 2022 17:28

Instrument :

BNA_F

ClientSampleId :

WC-14B-11-3



Tgt Ion:264 Resp: 752466

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 21.6 17.2 25.8

