

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129046.D
 Acq On : 29 Jun 2022 20:29
 Operator : CG\JU
 Sample : SP5926
 Misc : 8270 SURROGATE
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5926

Quant Time: Jun 29 21:38:42 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)

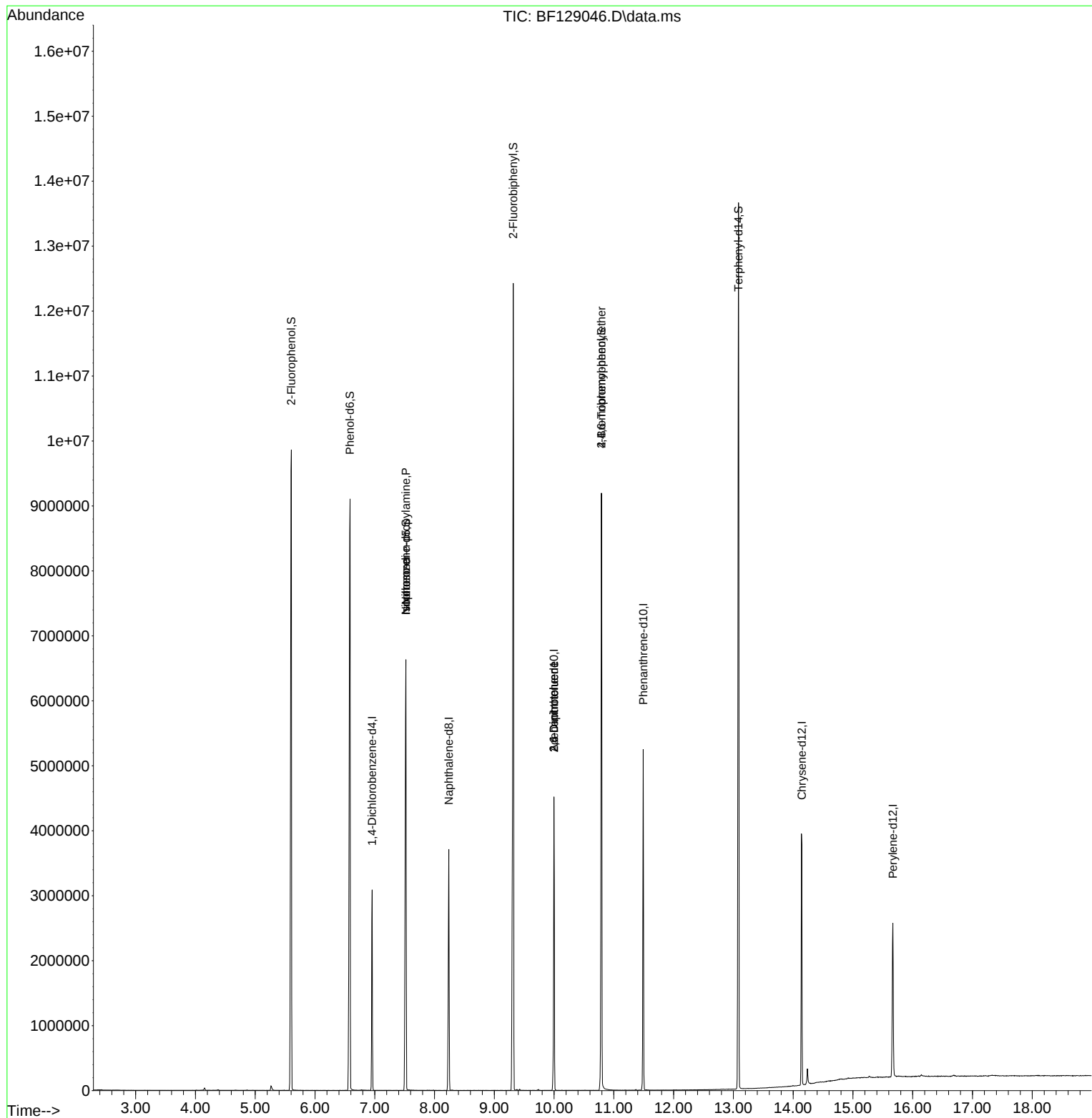
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	452266	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1764167	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	932459	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1719189	20.000	ng	0.00
76) Chrysene-d12	14.145	240	1341046	20.000	ng	0.00
86) Perylene-d12	15.668	264	1089666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	3307076	123.623	ng	0.02
7) Phenol-d6	6.587	99	3992718	120.175	ng	0.00
23) Nitrobenzene-d5	7.522	82	2546693	86.104	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1350507	133.198	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4604788	79.003	ng	0.00
79) Terphenyl-d14	13.086	244	5084496	78.734	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.581	77	6288	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.522	70	342594	17.825	ng	# 70
25) Isophorone	7.522	82	2444069	48.895	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	123939	10.397	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	123939	8.422	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	82457	4.509	ng	# 1

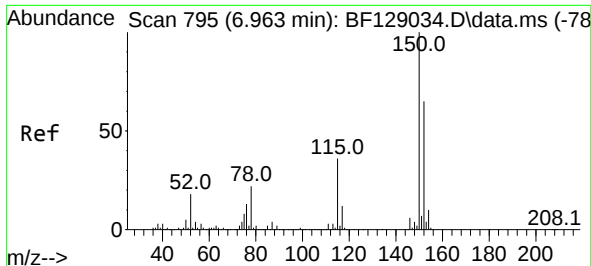
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
Data File : BF129046.D
Acq On : 29 Jun 2022 20:29
Operator : CG\JU
Sample : SP5926
Misc : 8270 SURROGATE
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP5926

Quant Time: Jun 29 21:38:42 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

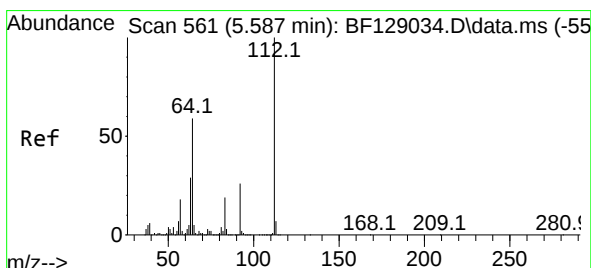
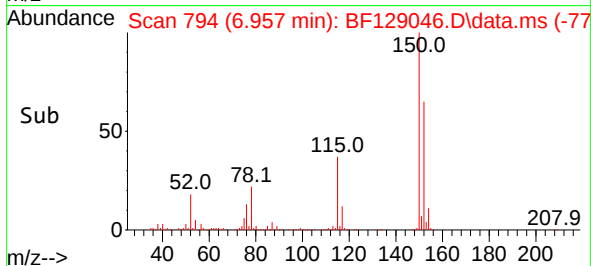
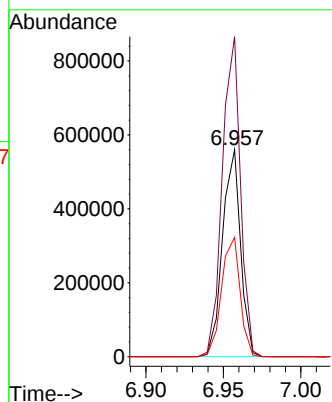
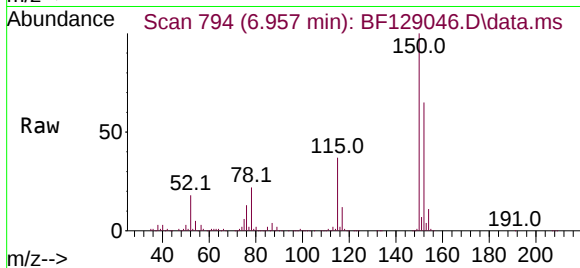




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

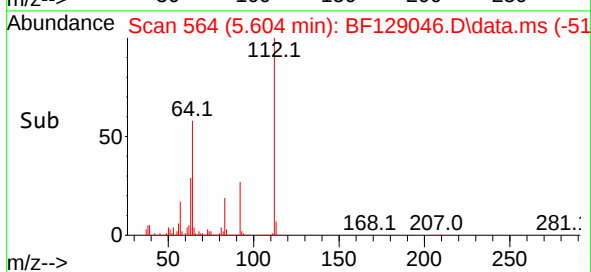
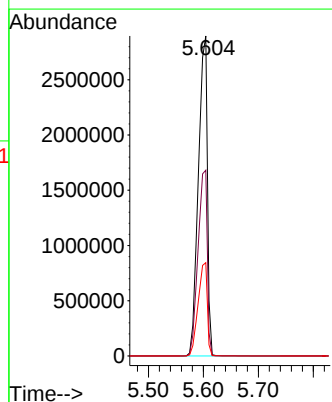
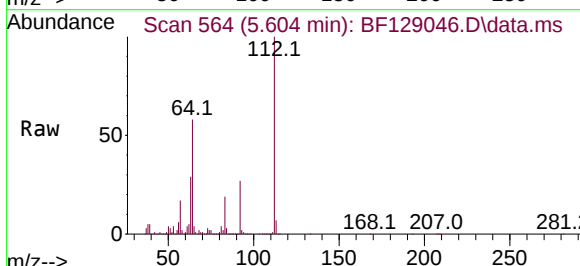
Instrument :
BNA_F
ClientSampleId :
SP5926

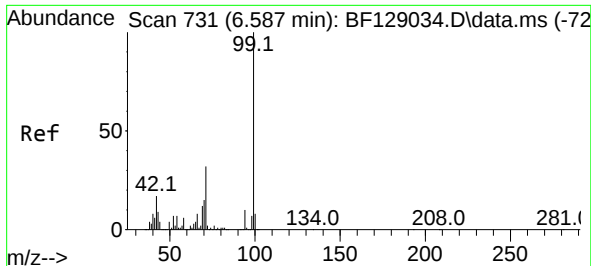
Tgt Ion:152 Resp: 452266
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 57.6 49.9 74.9



#5
2-Fluorophenol
Concen: 123.623 ng
RT: 5.604 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

Tgt Ion:112 Resp: 3307076
Ion Ratio Lower Upper
112 100
64 58.1 53.3 79.9
63 29.2 28.0 42.0





#7
Phenol-d6
Concen: 120.175 ng
RT: 6.587 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

Instrument :

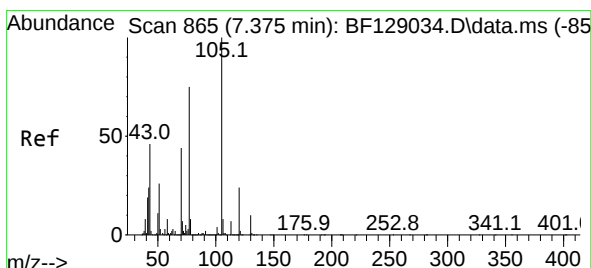
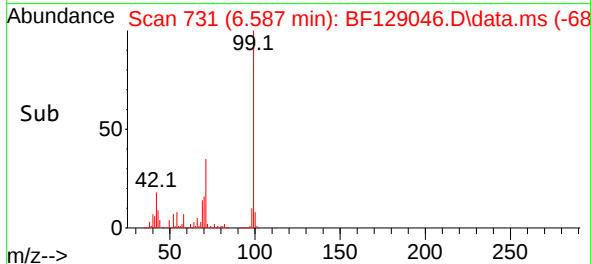
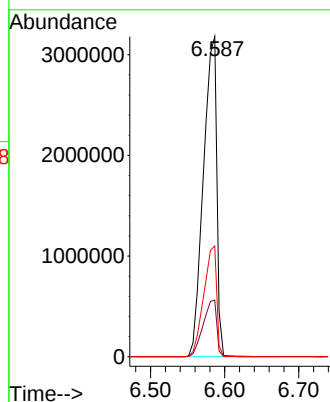
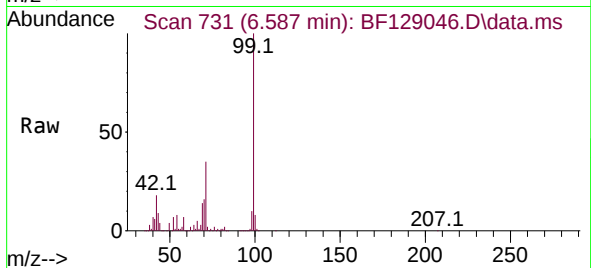
BNA_F

ClientSampleId :

SP5926

Tgt Ion: 99 Resp: 3992718

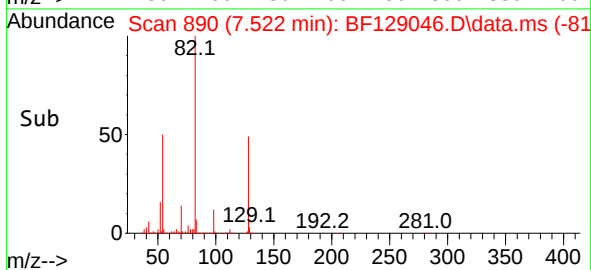
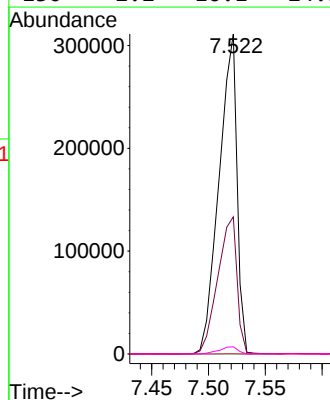
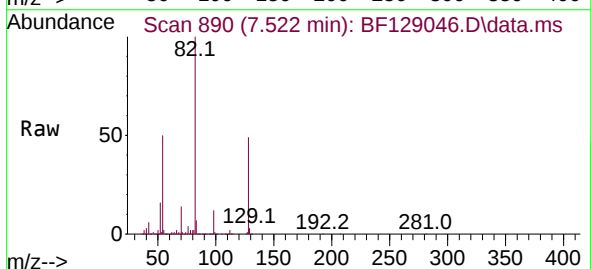
Ion	Ratio	Lower	Upper
99	100		
42	17.7	17.3	25.9
71	34.6	28.9	43.3

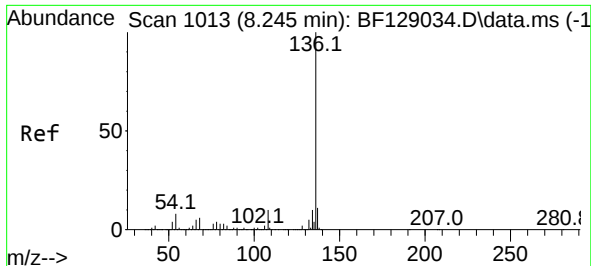


#19
n-Nitroso-di-n-propylamine
Concen: 17.825 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

Tgt Ion: 70 Resp: 342594

Ion	Ratio	Lower	Upper
70	100		
42	42.9	52.3	78.5#
101	0.1	7.5	11.3#
130	2.2	16.1	24.1#



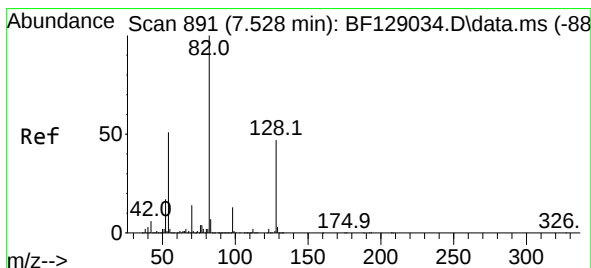
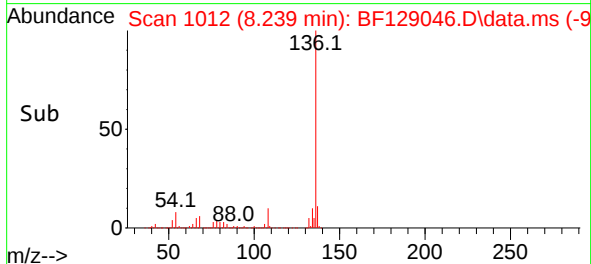
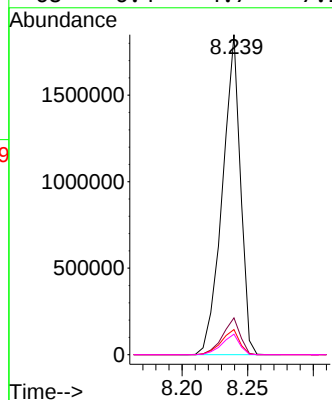
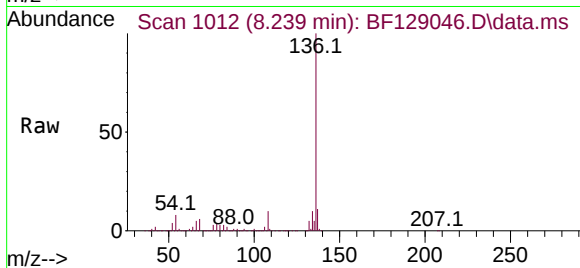


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

Instrument :
BNA_F
ClientSampleId :
SP5926

Tgt Ion:136 Resp: 1764167

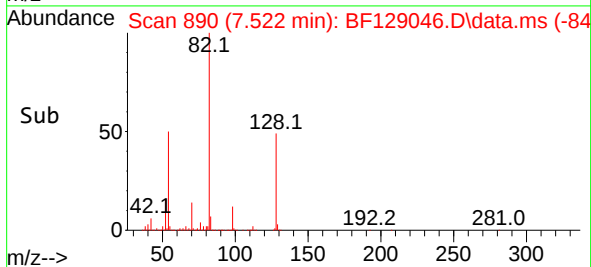
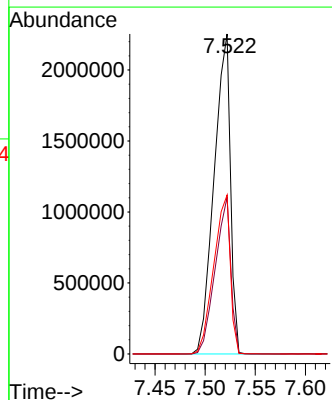
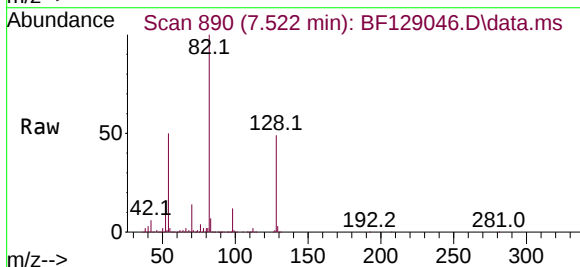
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.8	7.5	11.3
68	6.4	4.7	7.1

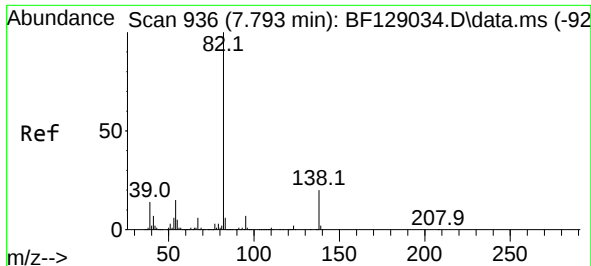


#23
Nitrobenzene-d5
Concen: 86.104 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

Tgt Ion: 82 Resp: 2546693

Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.0	51.0
54	49.6	46.9	70.3

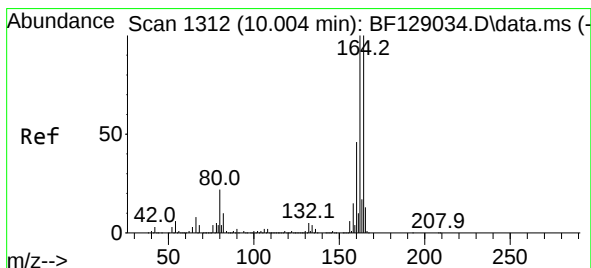
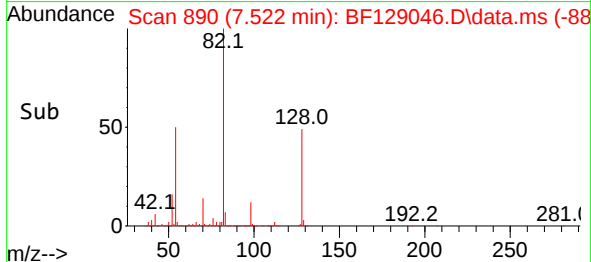
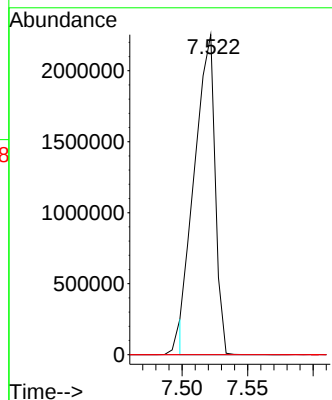
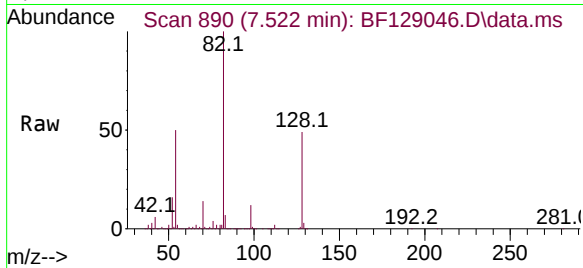




#25
Isophorone
Concen: 48.895 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

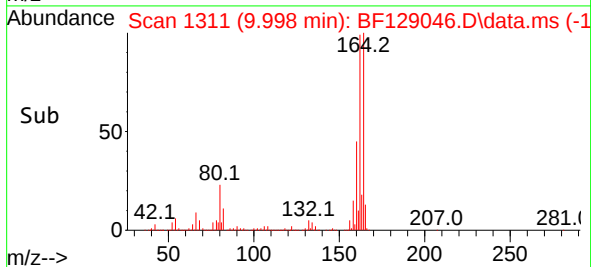
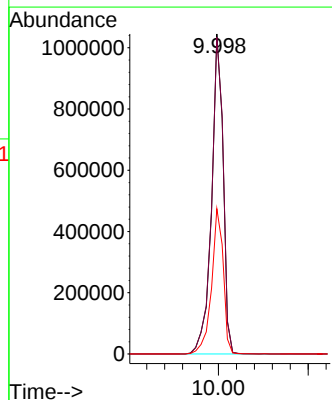
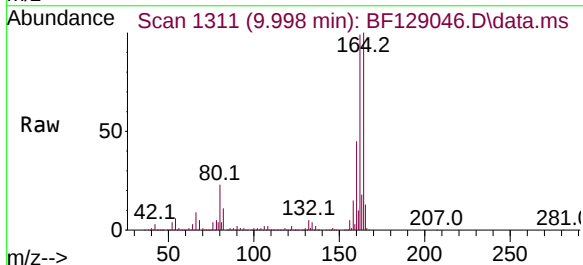
Instrument :
BNA_F
ClientSampleId :
SP5926

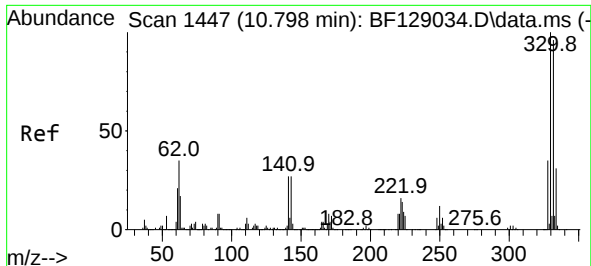
Tgt Ion: 82 Resp: 2444069
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

Tgt Ion:164 Resp: 932459
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 45.4 34.2 51.4

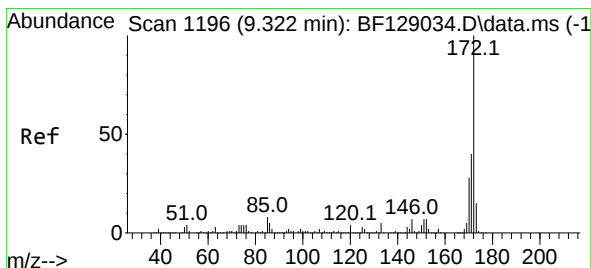
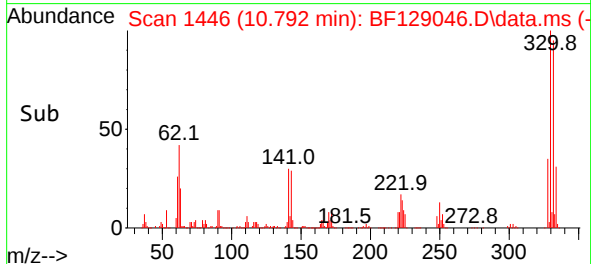
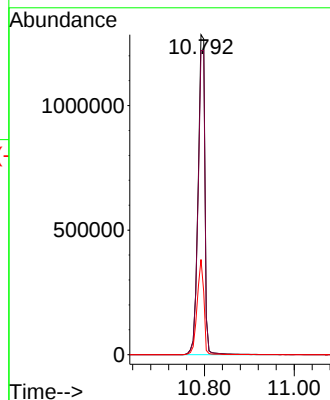
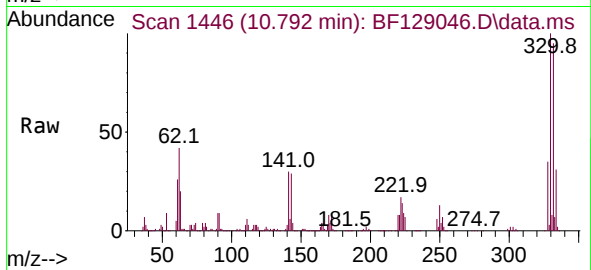




#42
2,4,6-Tribromophenol
Concen: 133.198 ng
RT: 10.792 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

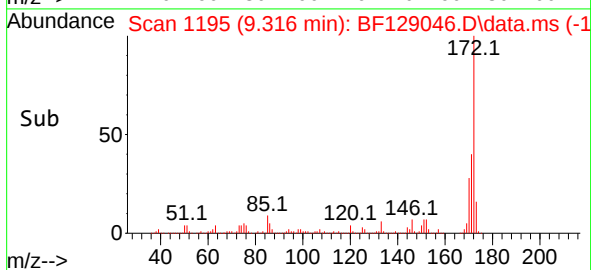
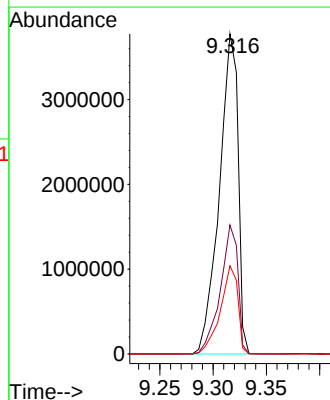
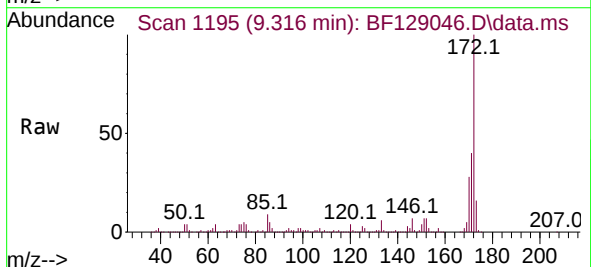
Instrument :
BNA_F
ClientSampleId :
SP5926

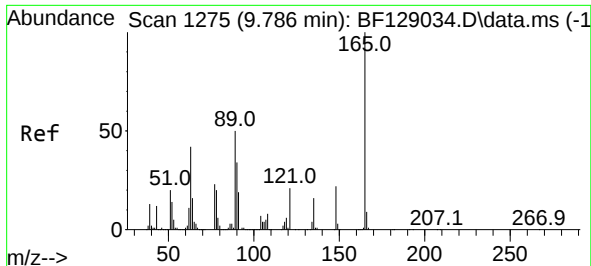
Tgt Ion:330 Resp: 1350507
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 29.3 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 79.003 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

Tgt Ion:172 Resp: 4604788
Ion Ratio Lower Upper
172 100
171 40.3 28.8 43.2
170 27.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.397 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129046.D

Acq: 29 Jun 2022 20:29

Instrument :

BNA_F

ClientSampleId :

SP5926

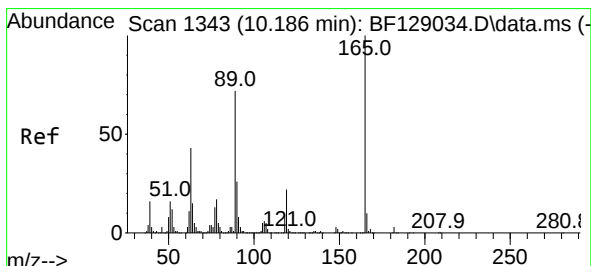
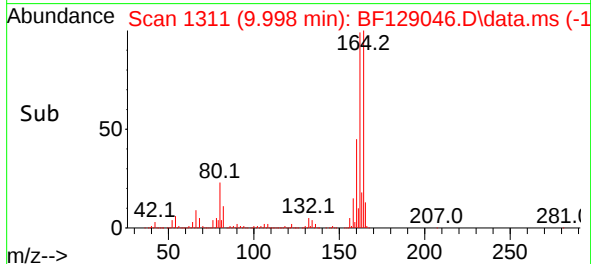
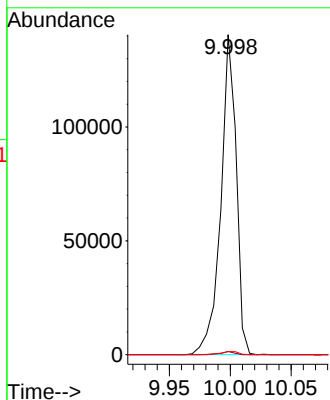
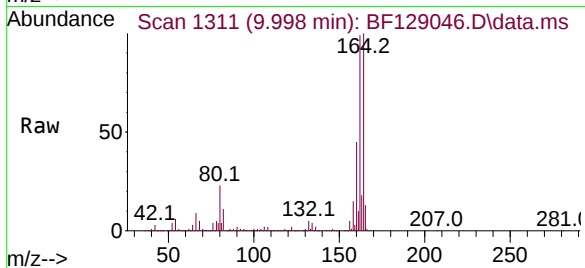
Tgt Ion:165 Resp: 123939

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.422 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129046.D

Acq: 29 Jun 2022 20:29

Tgt Ion:165 Resp: 123939

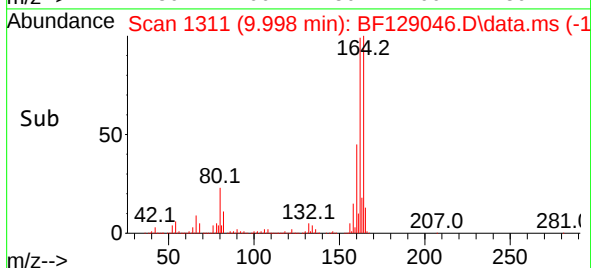
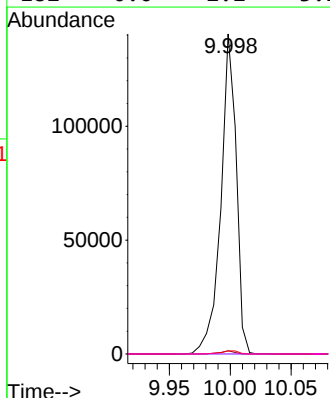
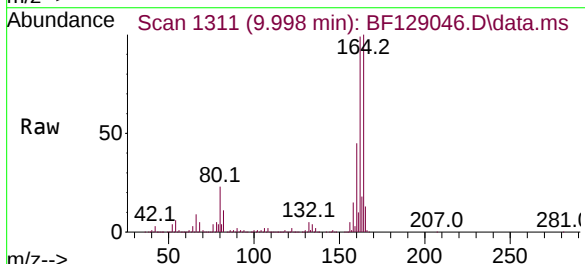
Ion Ratio Lower Upper

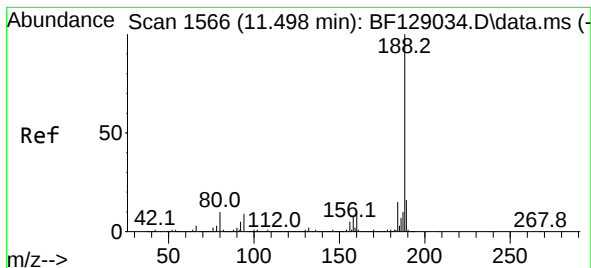
165 100

63 1.0 39.8 59.6#

89 1.0 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129046.D

Acq: 29 Jun 2022 20:29

Instrument :

BNA_F

ClientSampleId :

SP5926

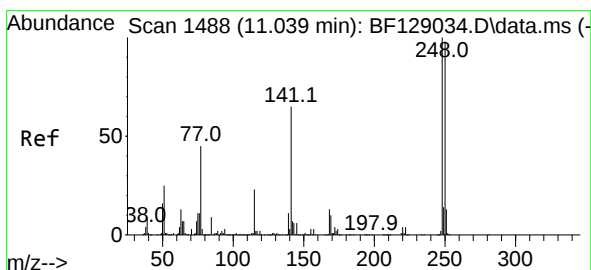
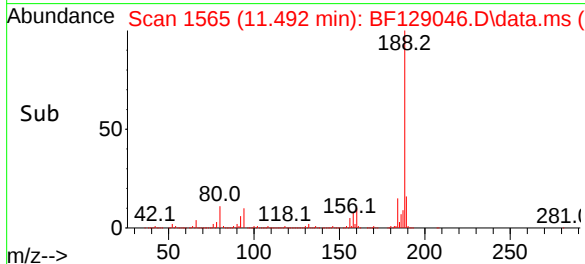
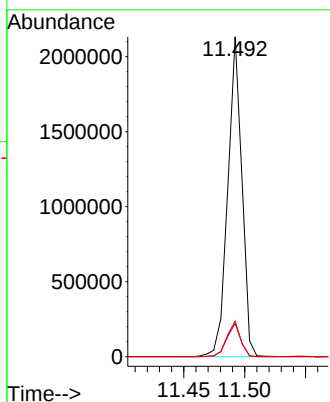
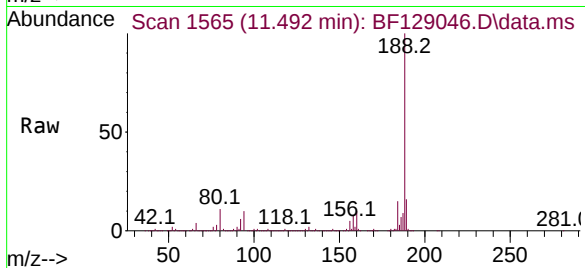
Tgt Ion:188 Resp: 1719189

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.509 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129046.D

Acq: 29 Jun 2022 20:29

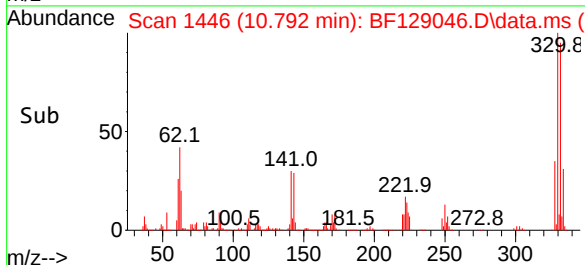
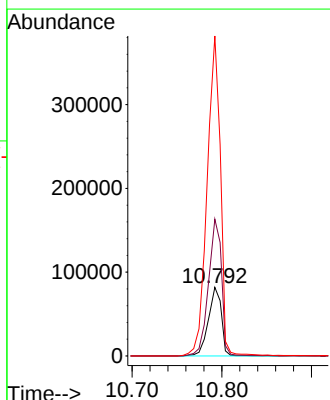
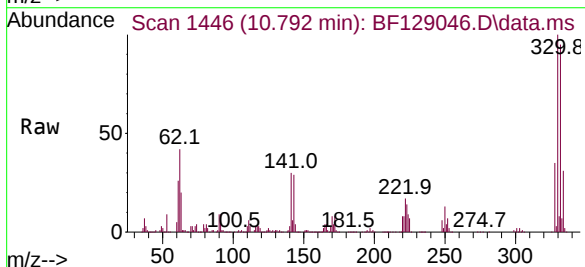
Tgt Ion:248 Resp: 82457

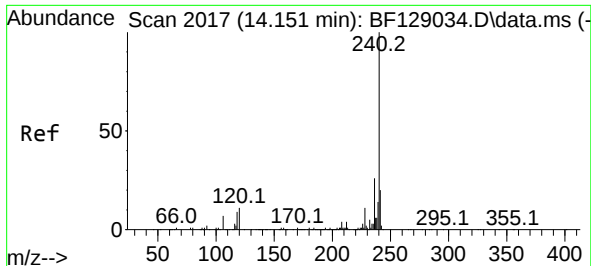
Ion Ratio Lower Upper

248 100

250 199.3 80.6 120.8#

141 466.3 58.9 88.3#

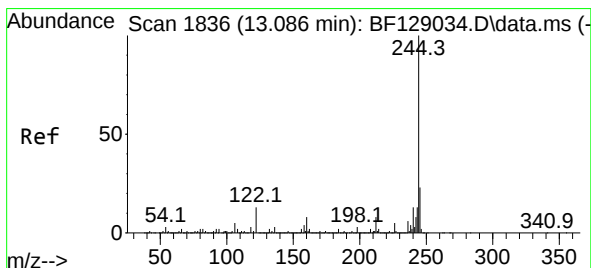
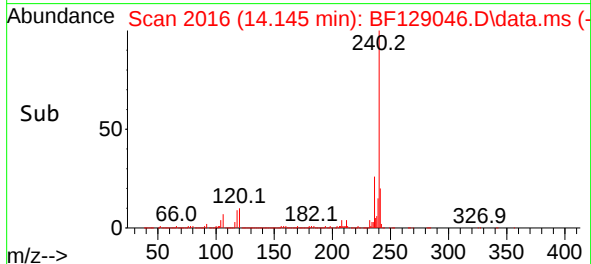
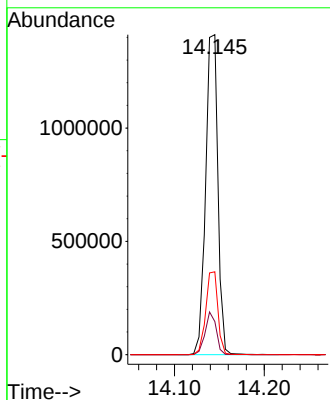
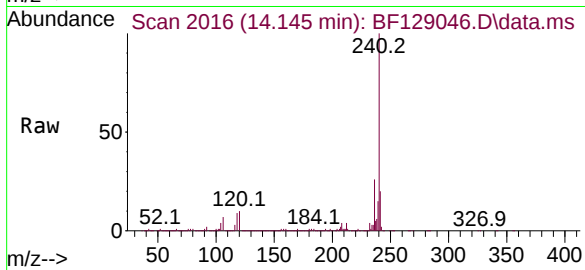




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

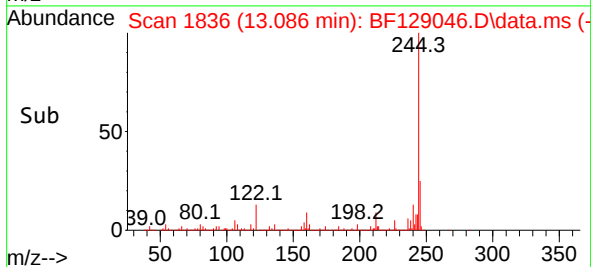
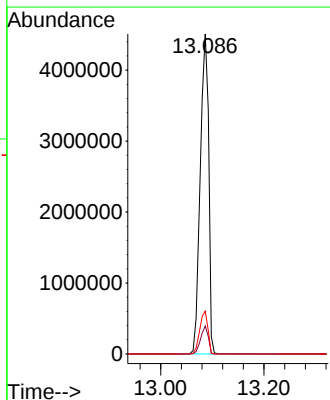
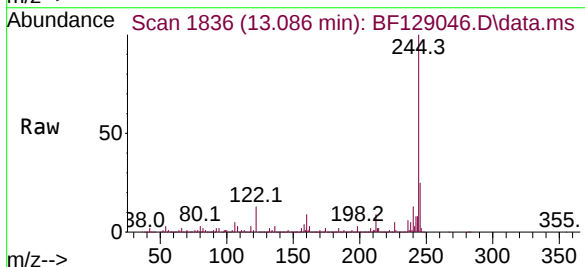
Instrument :
BNA_F
ClientSampleId :
SP5926

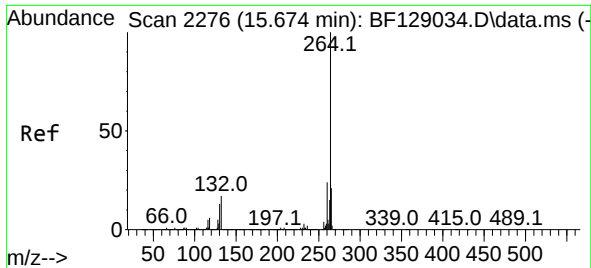
Tgt Ion:240 Resp: 1341046
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 78.734 ng
RT: 13.086 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF129046.D
Acq: 29 Jun 2022 20:29

Tgt Ion:244 Resp: 5084496
Ion Ratio Lower Upper
244 100
212 8.8 6.1 9.1
122 13.4 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129046.D
 Acq: 29 Jun 2022 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SP5926

Tgt Ion:264 Resp: 1089666
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.8 17.2 25.8

