

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129194.D
 Acq On : 12 Jul 2022 17:45
 Operator : CG\JU
 Sample : N3663-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16181

Quant Time: Jul 12 18:39:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

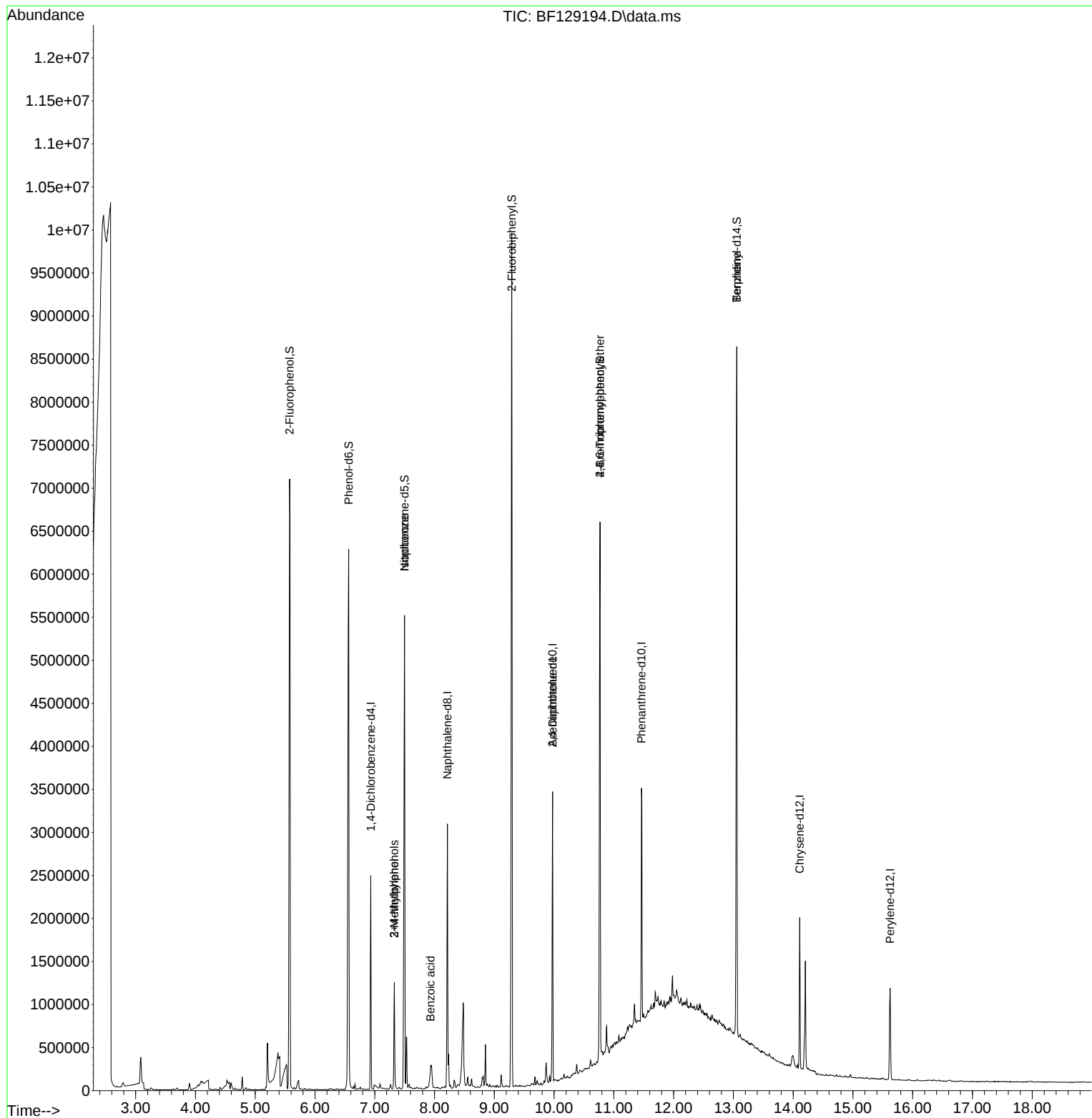
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	338422	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1319437	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	629727	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	1003580	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	568858	20.000	ng	-0.01
86) Perylene-d12	15.621	264	465379	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	2272780	113.540	ng	0.01
7) Phenol-d6	6.563	99	2553772	102.722	ng	0.00
23) Nitrobenzene-d5	7.498	82	2052954	92.806	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	826160	120.654	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	3297339	83.767	ng	0.00
79) Terphenyl-d14	13.057	244	2826562	103.184	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	1917	Below Cal		86
17) 2-Methylphenol	7.328	107	226471	13.233	ng	# 68
20) 3+4-Methylphenols	7.328	107	226471	10.406	ng	# 70
25) Isophorone	7.498	82	2036830	54.482	ng	# 65
32) Benzoic acid	7.933	122	53557	3.717	ng	94
57) 2,4-Dinitrotoluene	9.974	165	82447	8.296	ng	# 21
67) 4-Bromophenyl-phenylether	10.769	248	52190	4.889	ng	# 1
77) Benzidine	13.057	184	40393	3.988	ng	# 93

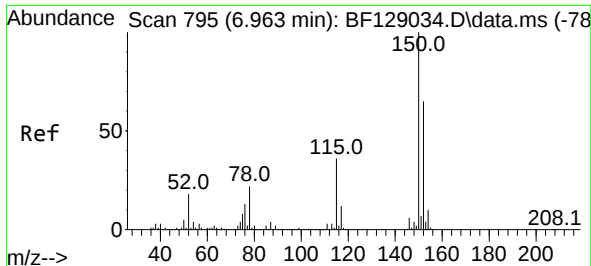
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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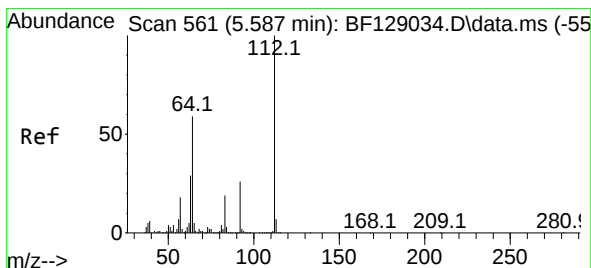
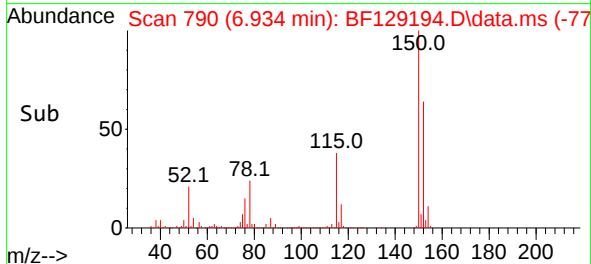
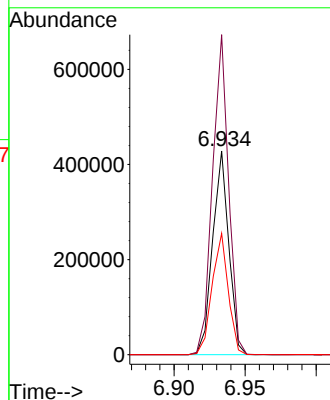
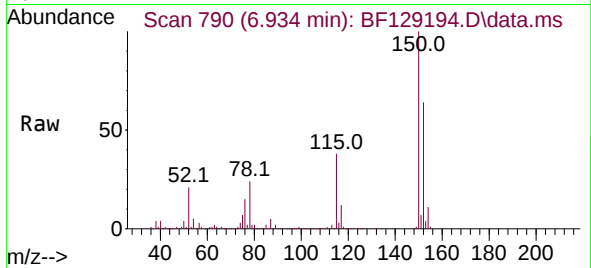




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

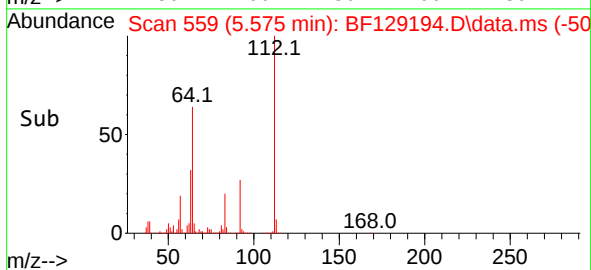
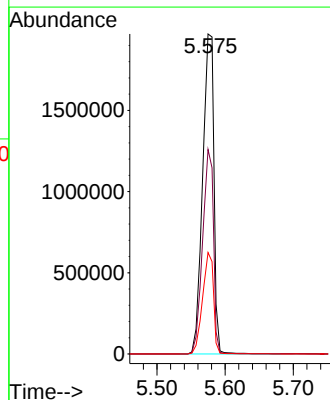
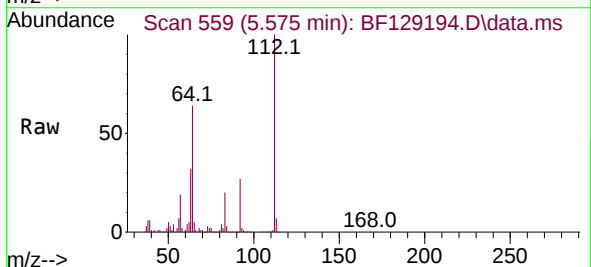
Instrument :
BNA_F
ClientSampleId :
VB16181

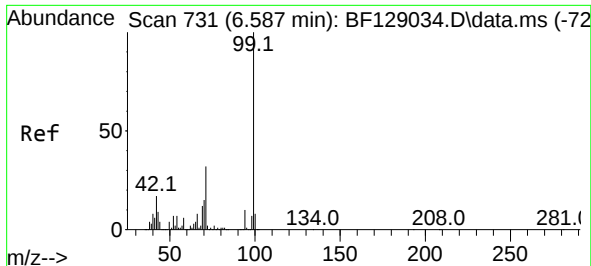
Tgt Ion:152 Resp: 338422
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 59.5 49.9 74.9



#5
2-Fluorophenol
Concen: 113.540 ng
RT: 5.575 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

Tgt Ion:112 Resp: 2272780
Ion Ratio Lower Upper
112 100
64 63.9 53.3 79.9
63 31.7 28.0 42.0

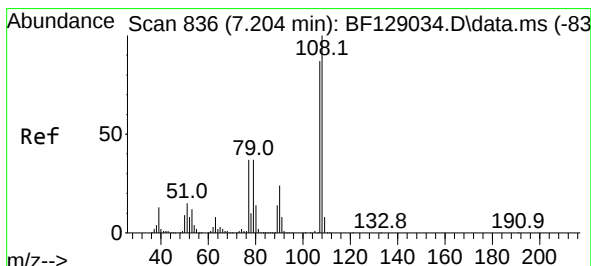
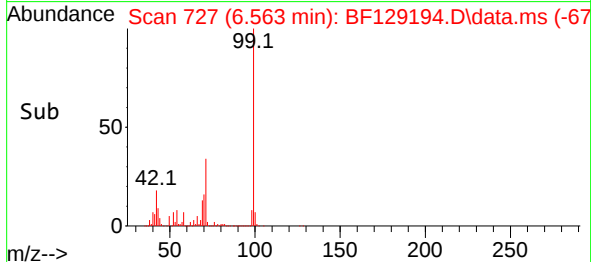
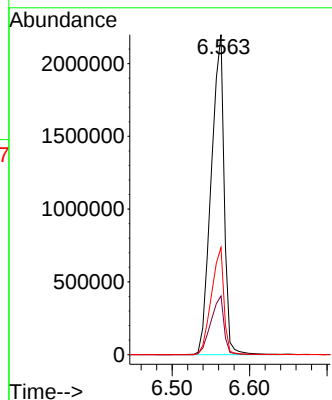
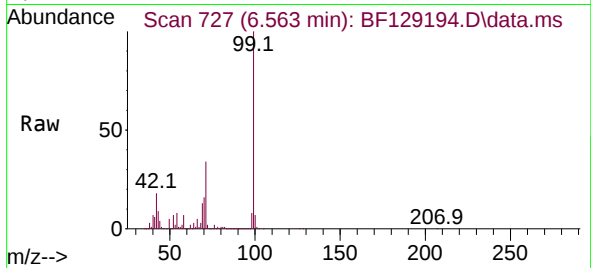




#7
Phenol-d6
Concen: 102.722 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

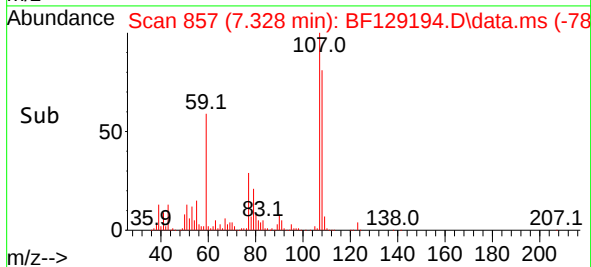
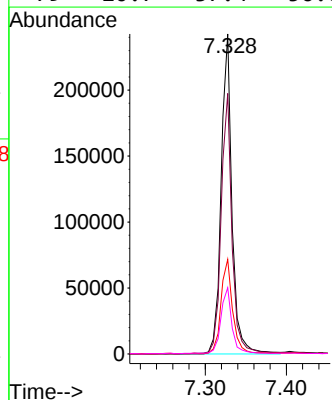
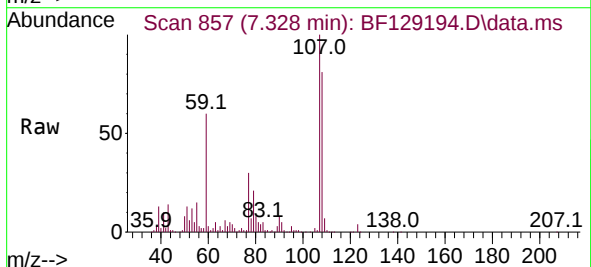
Instrument :
BNA_F
ClientSampleId :
VB16181

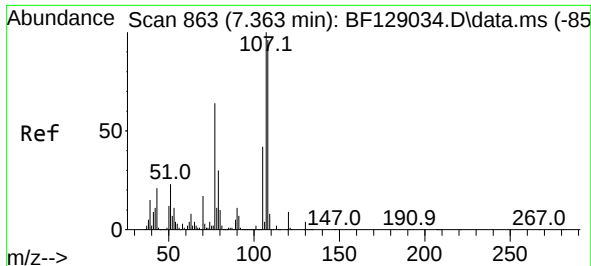
Tgt Ion: 99 Resp: 2553772
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 33.5 28.9 43.3



#17
2-Methylphenol
Concen: 13.233 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.141 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

Tgt Ion:107 Resp: 226471
Ion Ratio Lower Upper
107 100
108 81.4 91.9 137.9#
77 29.5 37.8 56.8#
79 20.7 37.4 56.0#

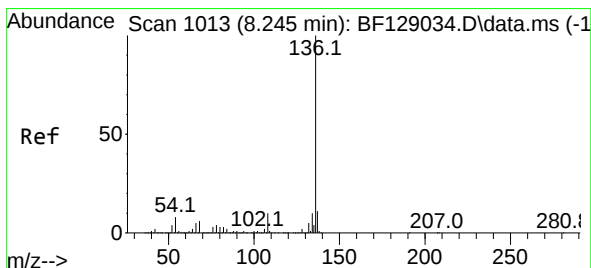
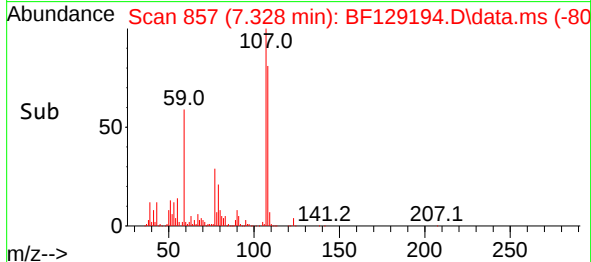
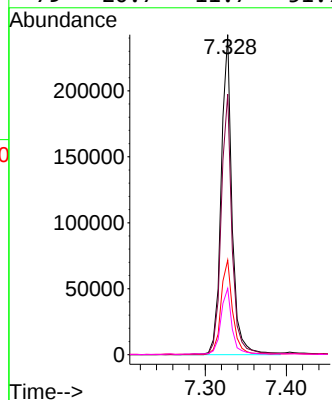
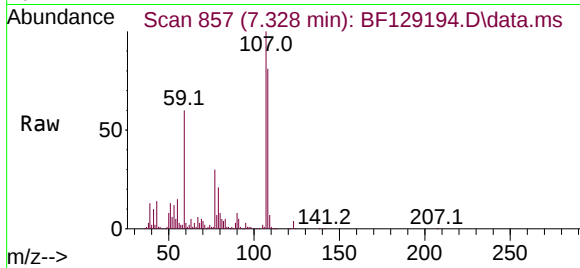




#20
3+4-Methylphenols
Concen: 10.406 ng
RT: 7.328 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

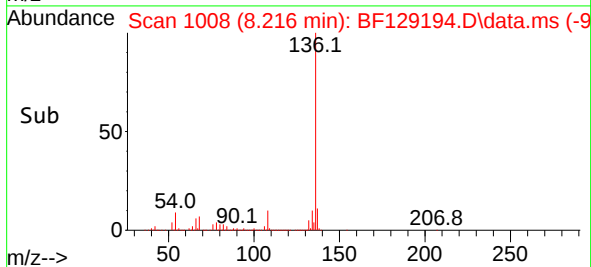
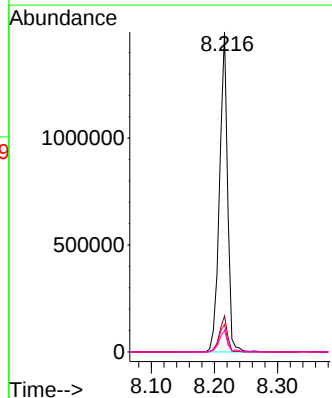
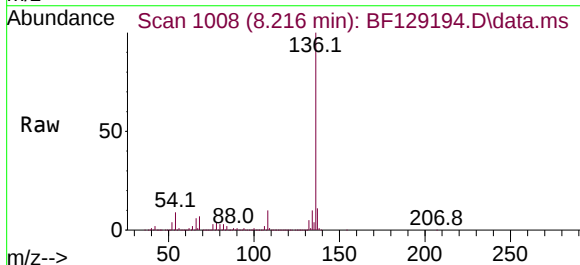
Instrument :
BNA_F
ClientSampleId :
VB16181

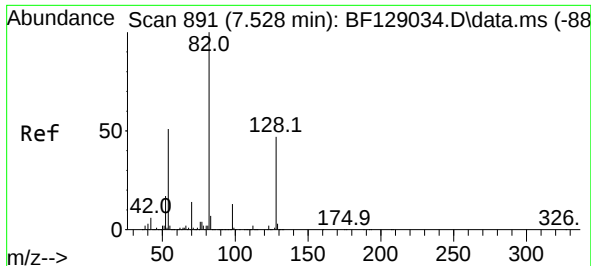
Tgt Ion:107 Resp: 226471
Ion Ratio Lower Upper
107 100
108 81.4 71.8 111.8
77 29.5 59.3 99.3#
79 20.7 11.7 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

Tgt Ion:136 Resp: 1319437
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 7.5 11.3
68 6.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 92.806 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF129194.D

Acq: 12 Jul 2022 17:45

Instrument :

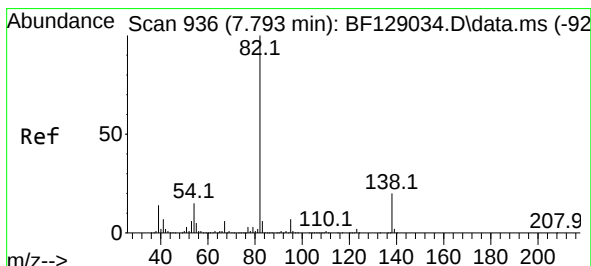
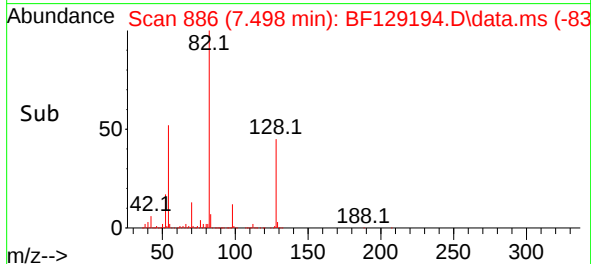
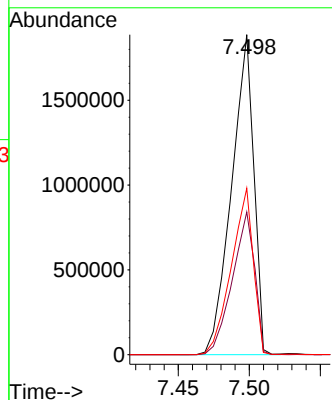
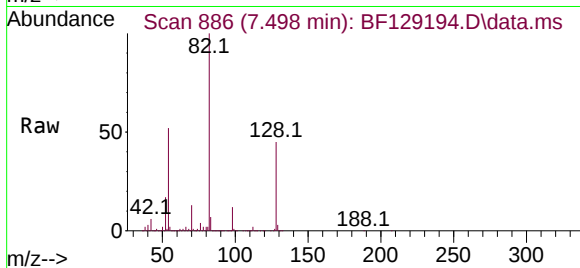
BNA_F

ClientSampleId :

VB16181

Tgt Ion: 82 Resp: 2052954

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	52.0	46.9	70.3



#25

Isophorone

Concen: 54.482 ng

RT: 7.498 min Scan# 886

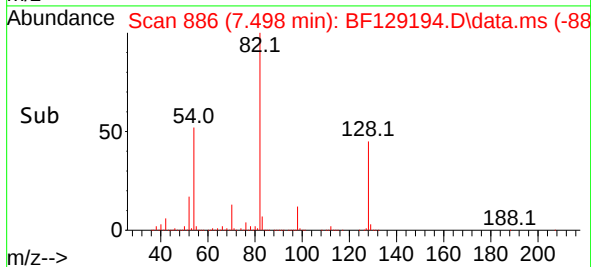
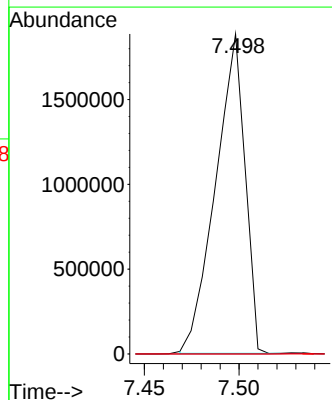
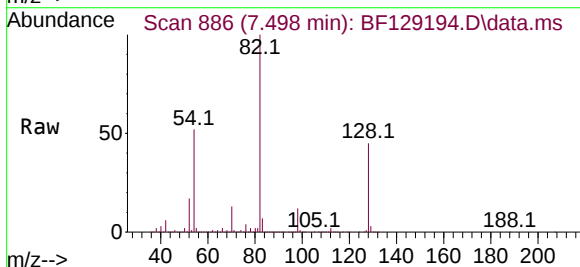
Delta R.T. -0.265 min

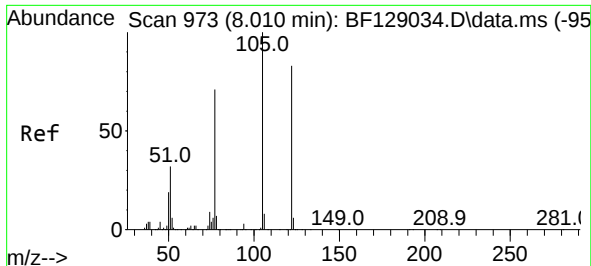
Lab File: BF129194.D

Acq: 12 Jul 2022 17:45

Tgt Ion: 82 Resp: 2036830

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.2	21.2#

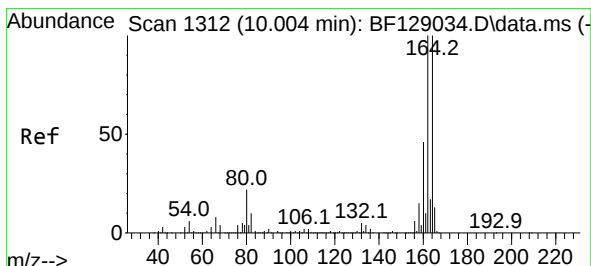
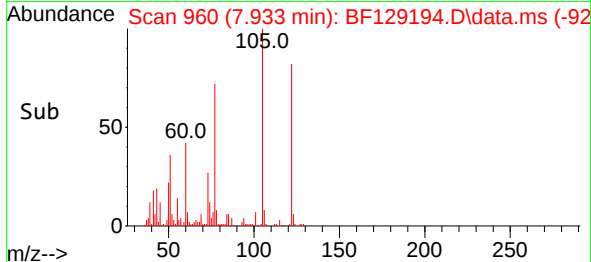
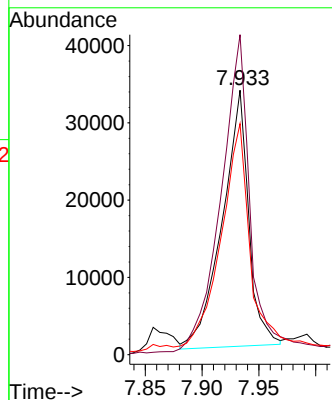
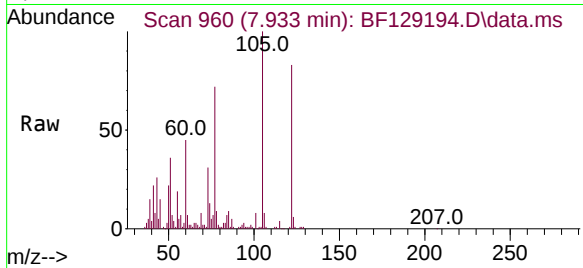




#32
Benzoic acid
Concen: 3.717 ng
RT: 7.933 min Scan# 90
Delta R.T. -0.065 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

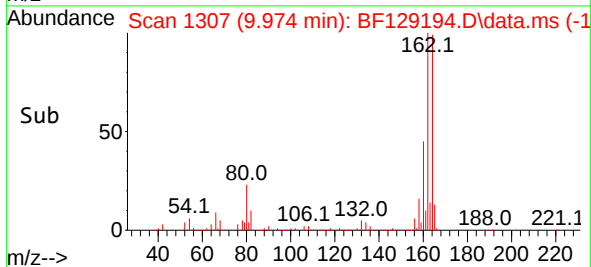
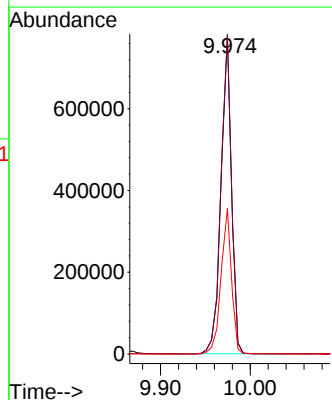
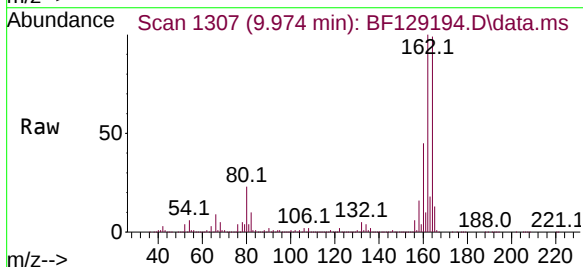
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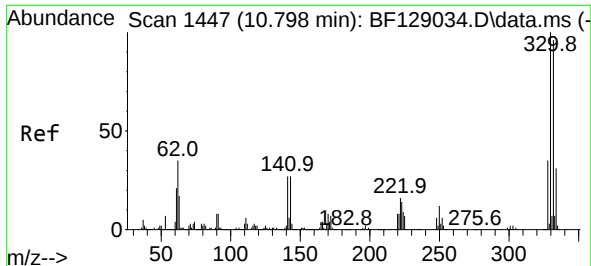
Tgt Ion:122 Resp: 53557
Ion Ratio Lower Upper
122 100
105 121.0 107.1 147.1
77 87.3 74.2 114.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

Tgt Ion:164 Resp: 629727
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 120.654 ng

RT: 10.769 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF129194.D

Acq: 12 Jul 2022 17:45

Instrument :

BNA_F

ClientSampleId :

VB16181

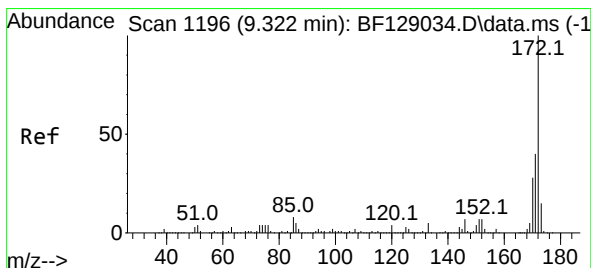
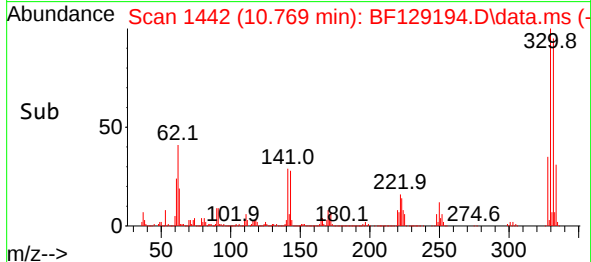
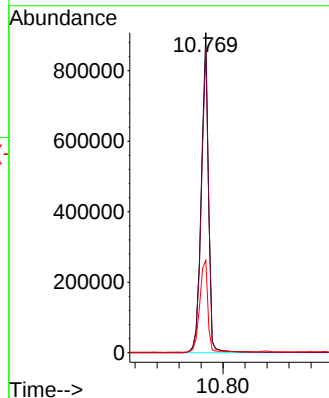
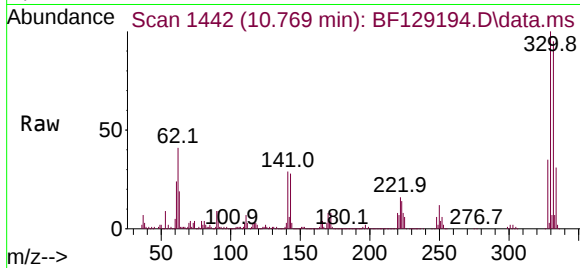
Tgt Ion:330 Resp: 826160

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

141 32.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.767 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF129194.D

Acq: 12 Jul 2022 17:45

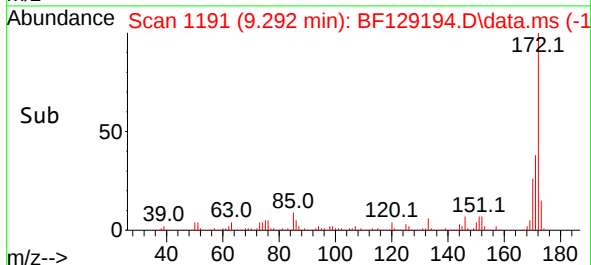
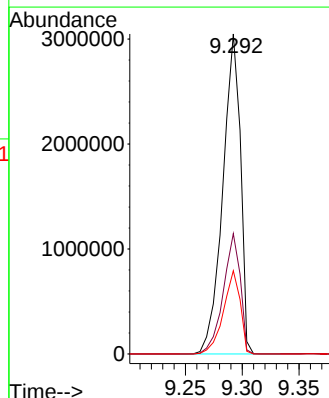
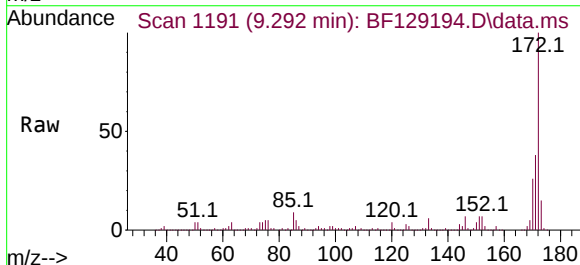
Tgt Ion:172 Resp: 3297339

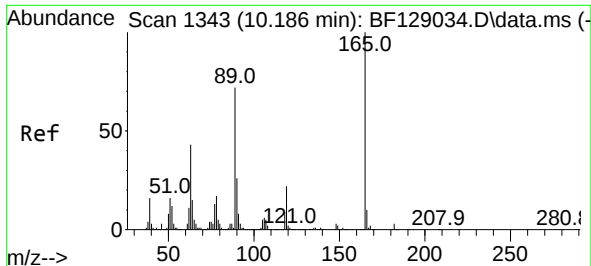
Ion Ratio Lower Upper

172 100

171 37.6 28.8 43.2

170 26.0 19.8 29.8

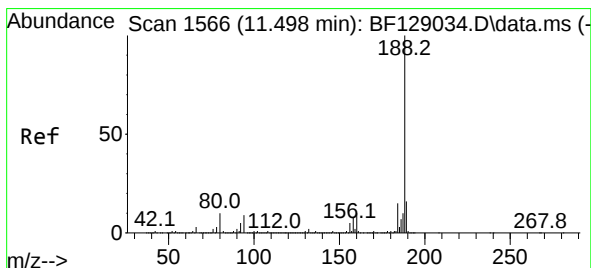
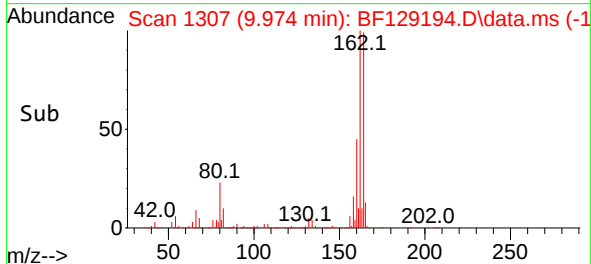
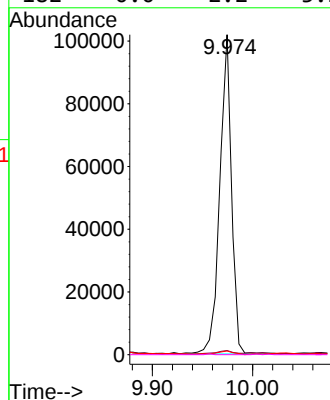
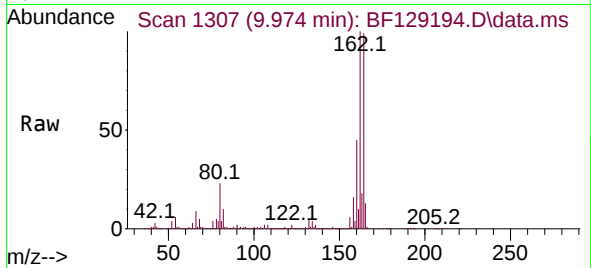




#57
2,4-Dinitrotoluene
Concen: 8.296 ng
RT: 9.974 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

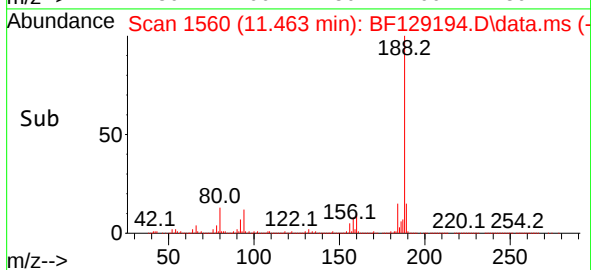
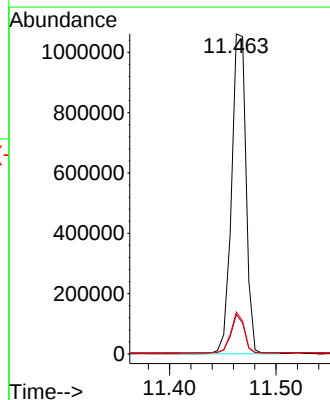
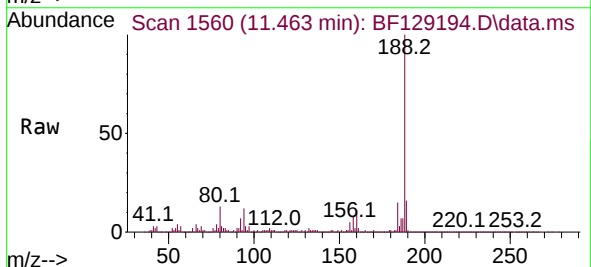
Instrument :
BNA_F
ClientSampleId :
VB16181

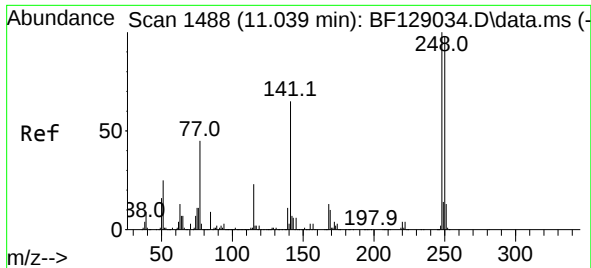
Tgt Ion:165 Resp: 82447
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

Tgt Ion:188 Resp: 1003580
Ion Ratio Lower Upper
188 100
94 12.3 7.0 10.6#
80 13.1 7.6 11.4#

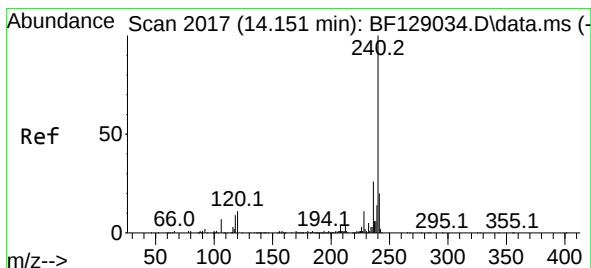
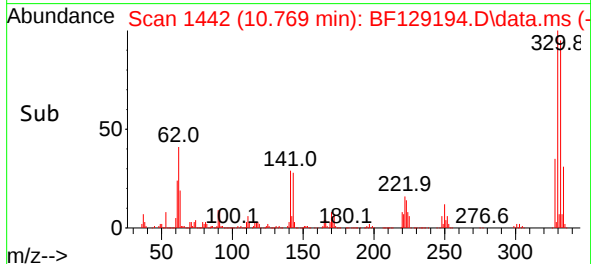
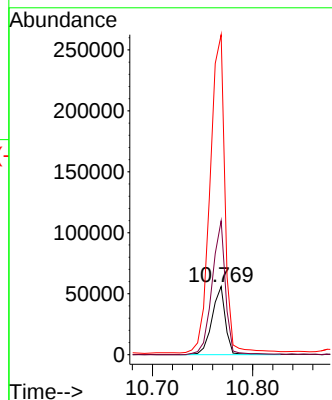
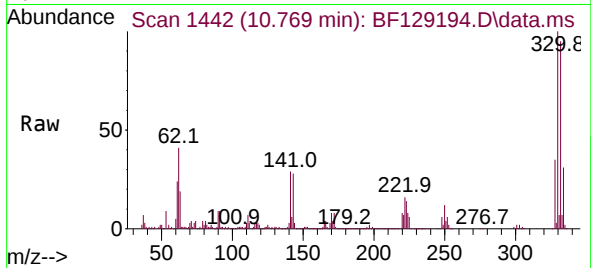




#67
4-Bromophenyl-phenylether
Concen: 4.889 ng
RT: 10.769 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

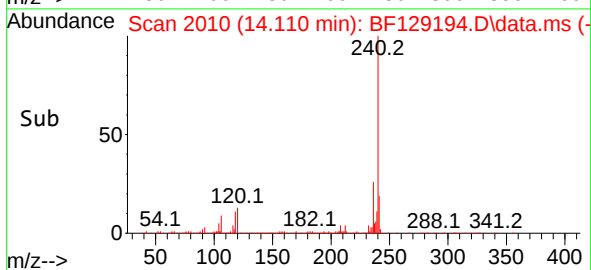
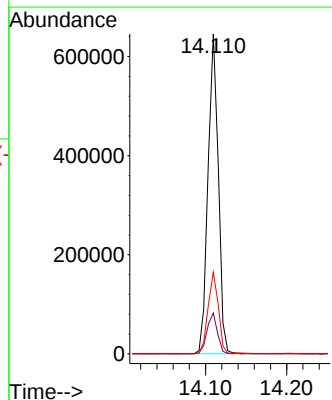
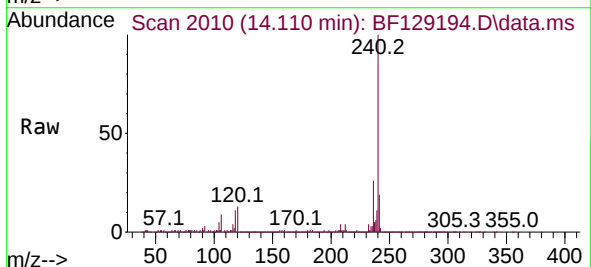
Instrument :
BNA_F
ClientSampleId :
VB16181

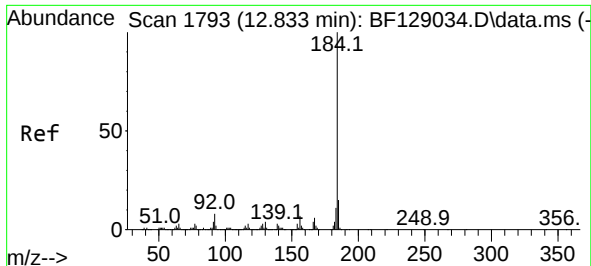
Tgt Ion:248 Resp: 52190
Ion Ratio Lower Upper
248 100
250 196.4 80.6 120.8#
141 469.0 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

Tgt Ion:240 Resp: 568858
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.5 20.8 31.2

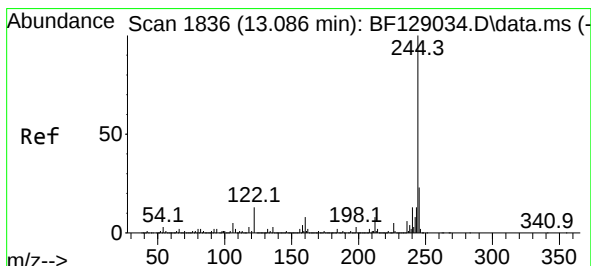
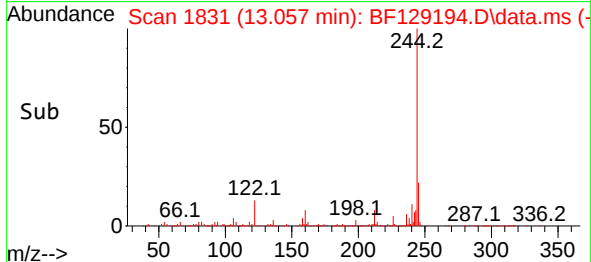
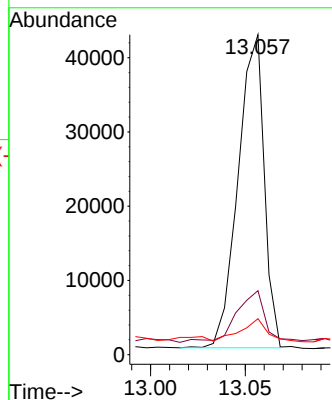
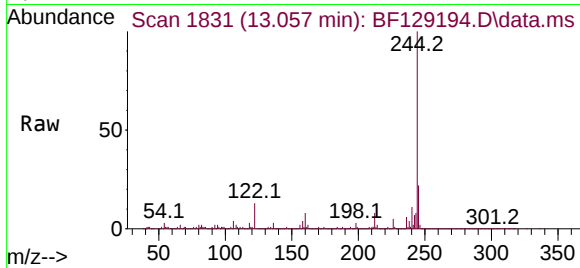




#77
Benzidine
Concen: 3.988 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.253 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

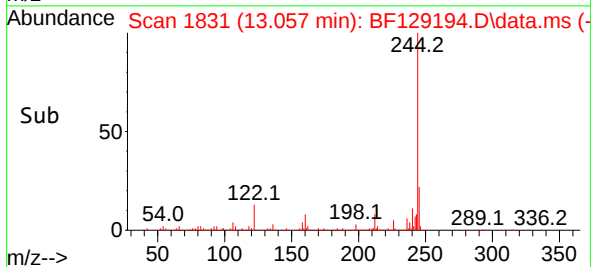
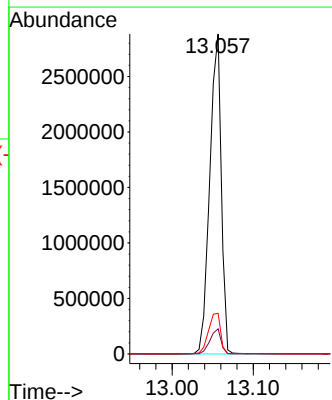
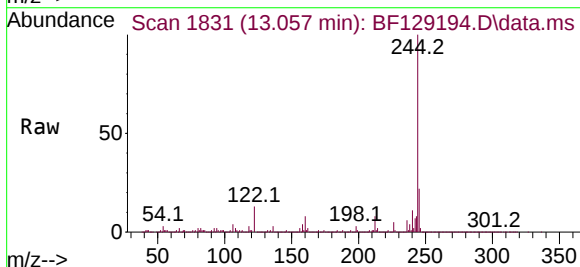
Instrument :
BNA_F
ClientSampleId :
VB16181

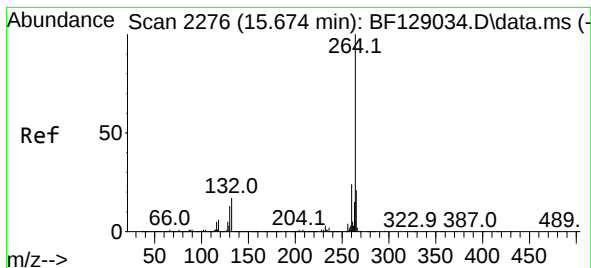
Tgt Ion:184 Resp: 40393
Ion Ratio Lower Upper
184 100
185 20.0 11.9 17.9#
183 11.2 9.3 13.9



#79
Terphenyl-d14
Concen: 103.184 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF129194.D
Acq: 12 Jul 2022 17:45

Tgt Ion:244 Resp: 2826562
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129194.D

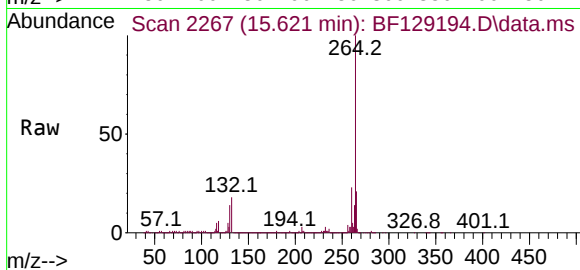
Acq: 12 Jul 2022 17:45

Instrument :

BNA_F

ClientSampleId :

VB16181



Tgt Ion:264 Resp: 465379

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 20.7 17.2 25.8

