

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130295.D
 Acq On : 16 Sep 2022 17:47
 Operator : CG\JU
 Sample : N4663-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-43

Quant Time: Sep 17 03:26:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

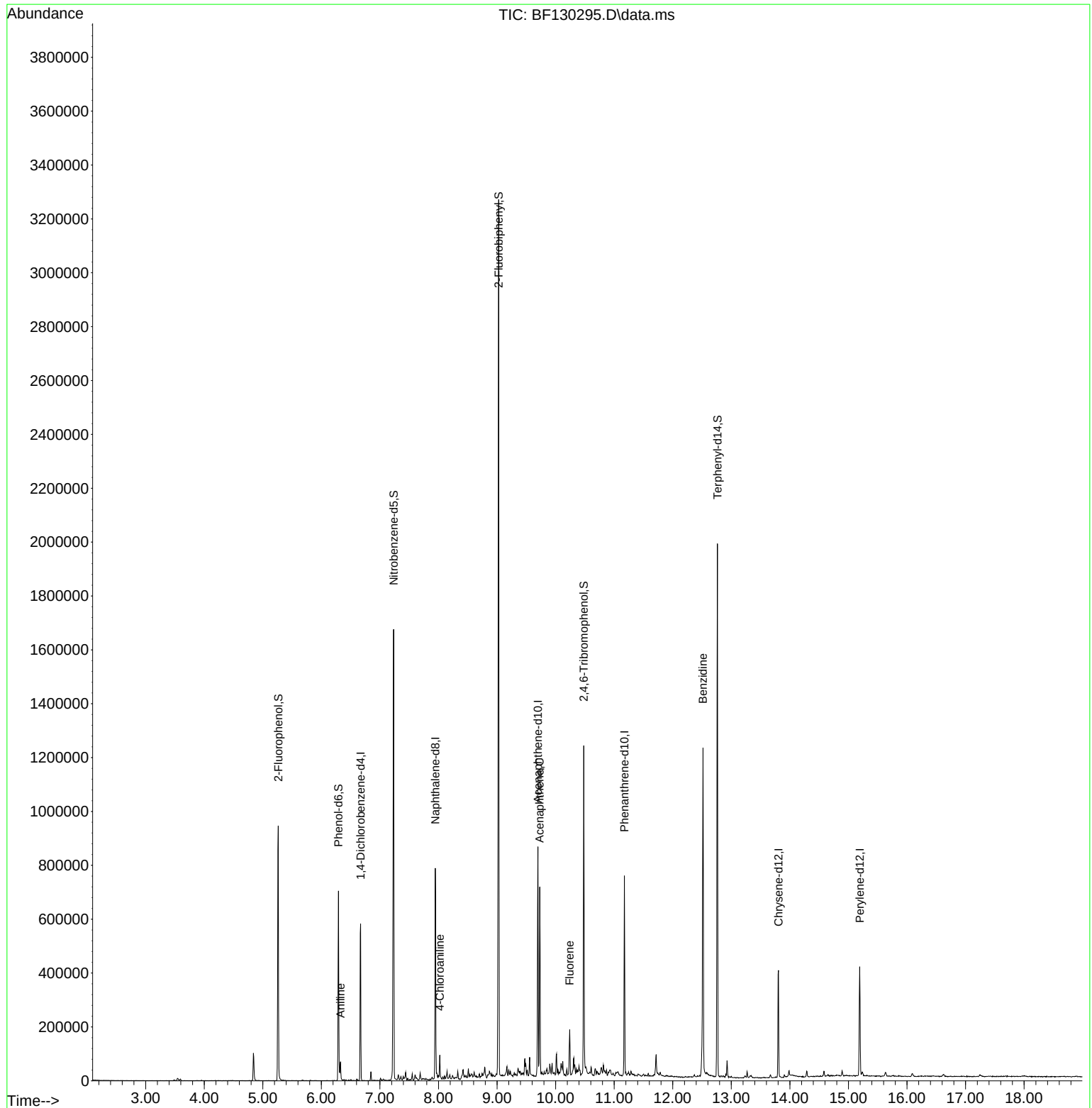
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	82817	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	322359	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	156066	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	226306	20.000	ng	0.00
76) Chrysene-d12	13.804	240	131282	20.000	ng	0.00
86) Perylene-d12	15.192	264	164244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	249964	52.351	ng	0.00
7) Phenol-d6	6.293	99	204260	34.189	ng	-0.01
23) Nitrobenzene-d5	7.234	82	531253	84.195	ng	0.00
42) 2,4,6-Tribromophenol	10.481	330	120998	80.913	ng	-0.01
45) 2-Fluorobiphenyl	9.028	172	929195	86.700	ng	0.00
79) Terphenyl-d14	12.763	244	614989	77.598	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	6.328	93	19689	2.675	ng	98
33) 4-Chloroaniline	8.022	127	20510	3.247	ng	99
52) Acenaphthene	9.728	154	129584	13.951	ng	99
58) Fluorene	10.239	166	35376	3.348	ng	95
77) Benzdine	12.516	184	394214	103.441	ng	99

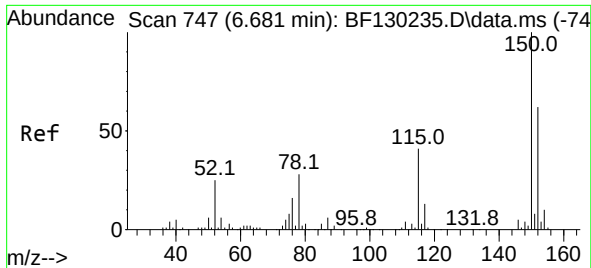
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 17 03:22:32 2022
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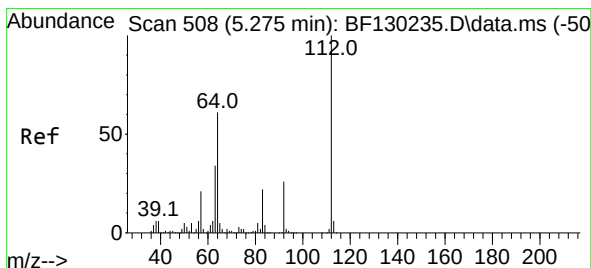
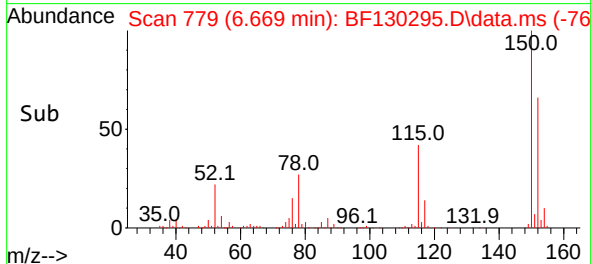
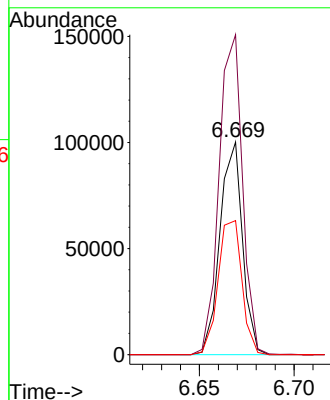
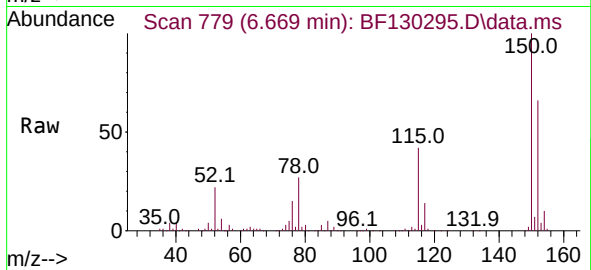




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.669 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130295.D
 Acq: 16 Sep 2022 17:47

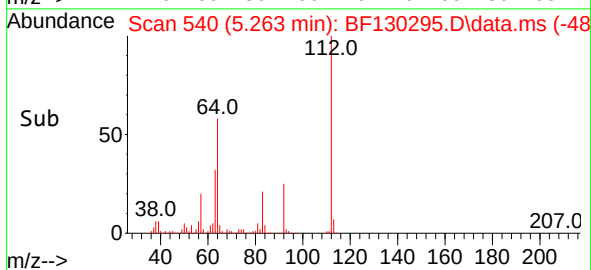
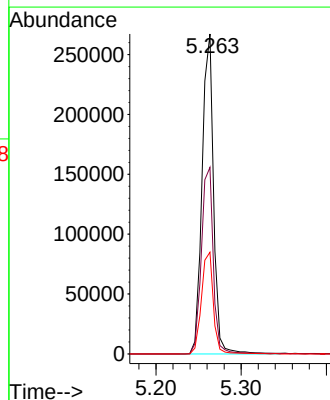
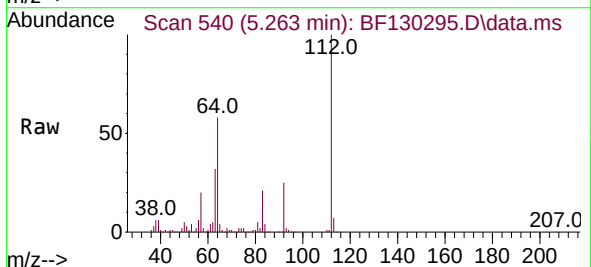
Instrument :
 BNA_F
 ClientSampleId :
 HW-43

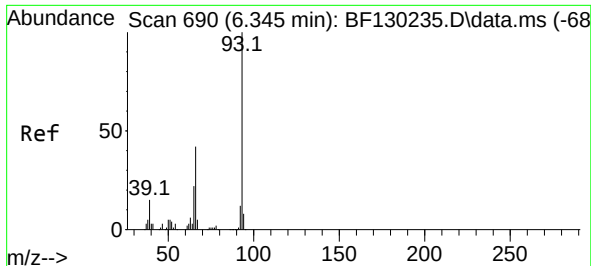
Tgt Ion:152 Resp: 82817
 Ion Ratio Lower Upper
 152 100
 150 150.6 122.8 184.2
 115 63.1 53.8 80.8



#5
 2-Fluorophenol
 Concen: 52.351 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.000 min
 Lab File: BF130295.D
 Acq: 16 Sep 2022 17:47

Tgt Ion:112 Resp: 249964
 Ion Ratio Lower Upper
 112 100
 64 58.3 51.4 77.0
 63 31.8 28.8 43.2

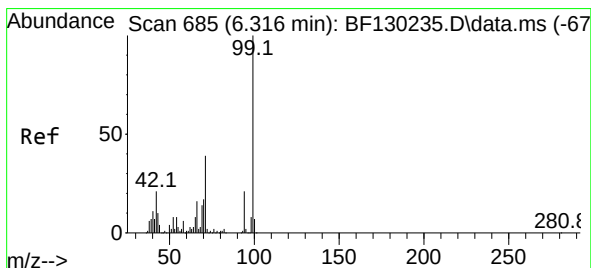
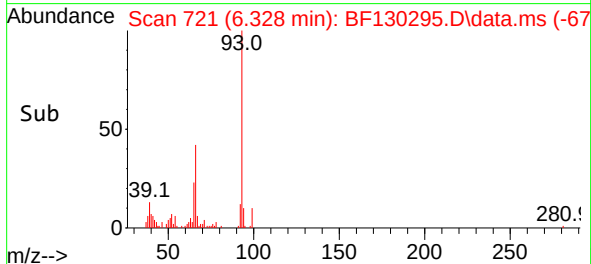
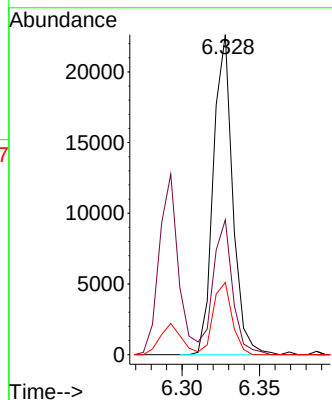
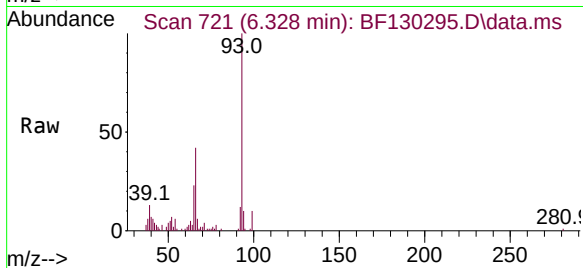




#6
Aniline
Concen: 2.675 ng
RT: 6.328 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

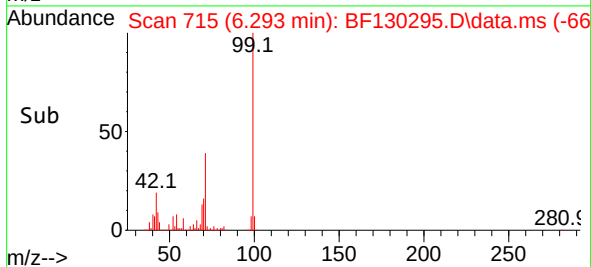
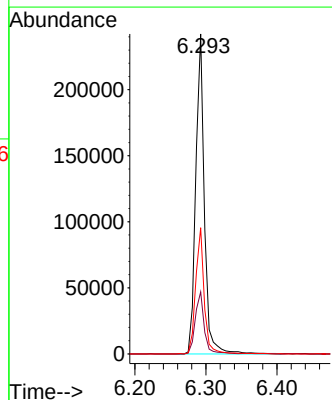
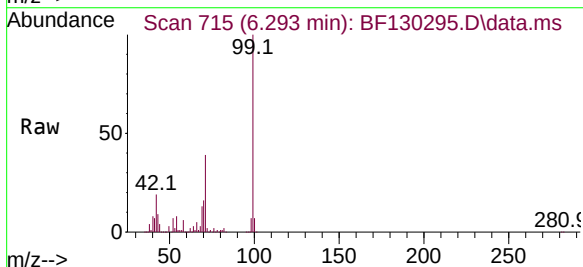
Instrument :
BNA_F
ClientSampleId :
HW-43

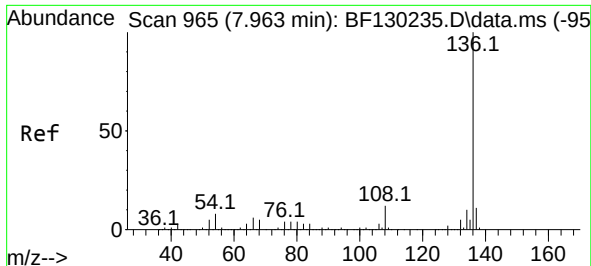
Tgt Ion: 93 Resp: 19689
Ion Ratio Lower Upper
93 100
66 42.1 34.2 51.4
65 22.5 16.6 24.8



#7
Phenol-d6
Concen: 34.189 ng
RT: 6.293 min Scan# 715
Delta R.T. -0.012 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion: 99 Resp: 204260
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 39.4 32.3 48.5

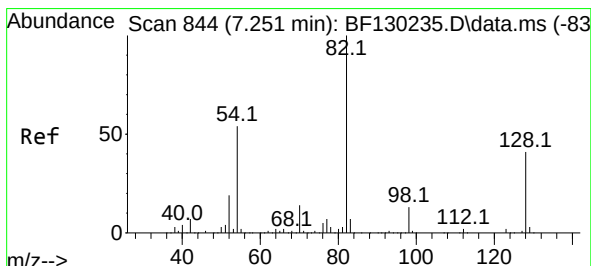
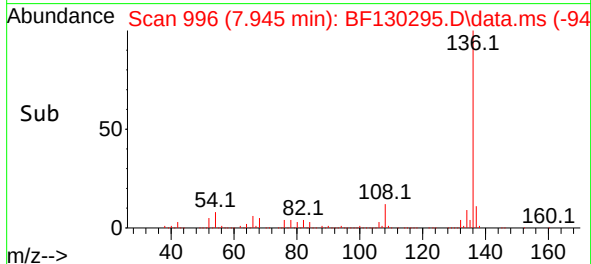
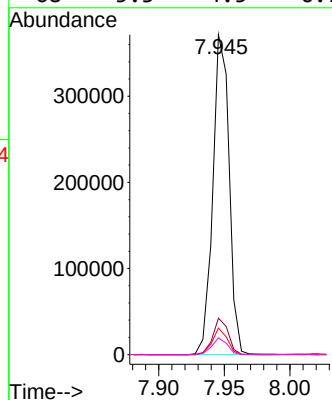
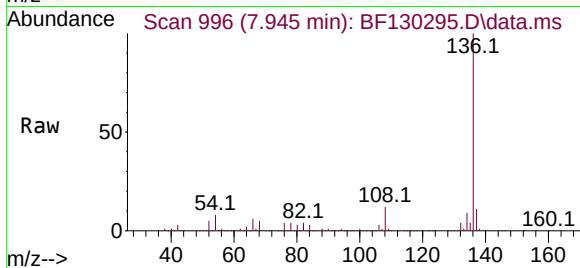




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

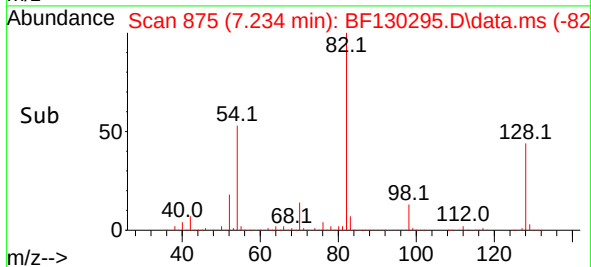
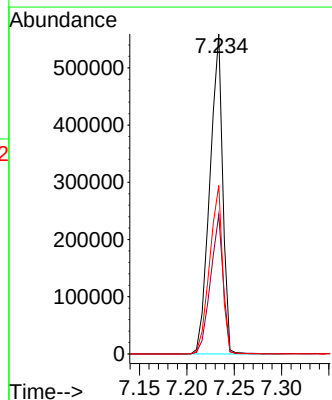
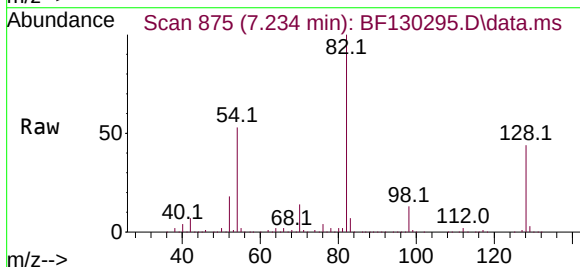
Instrument :
BNA_F
ClientSampleId :
HW-43

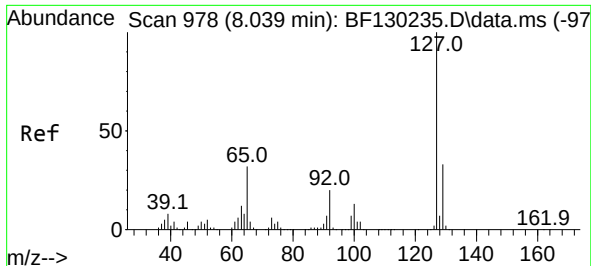
Tgt Ion:	136	Resp:	322359
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	8.3	7.1	10.7
68	5.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 84.195 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion:	82	Resp:	531253
Ion Ratio	Lower	Upper	
82	100		
128	43.5	32.6	49.0
54	52.6	43.8	65.6

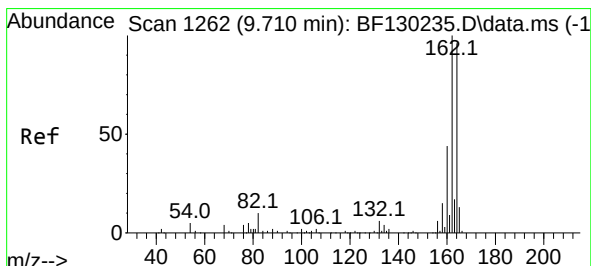
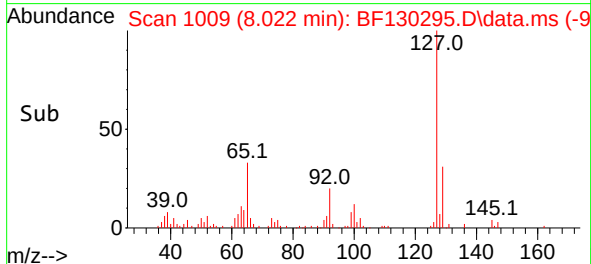
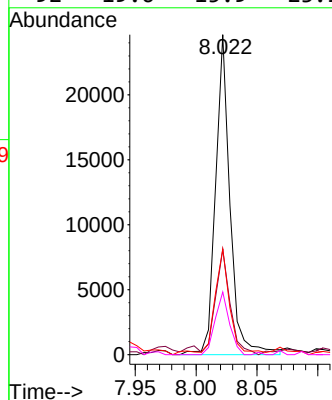
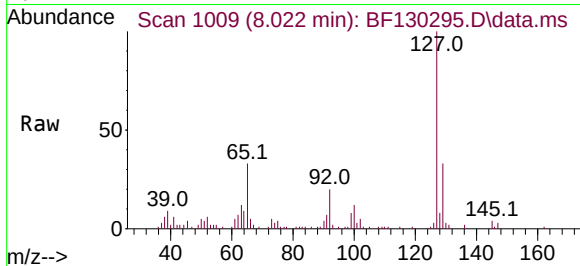




#33
4-Chloroaniline
Concen: 3.247 ng
RT: 8.022 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

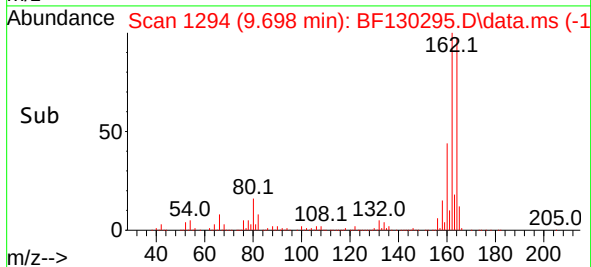
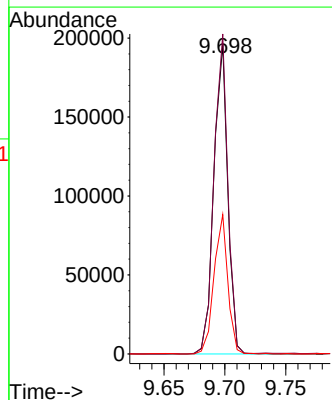
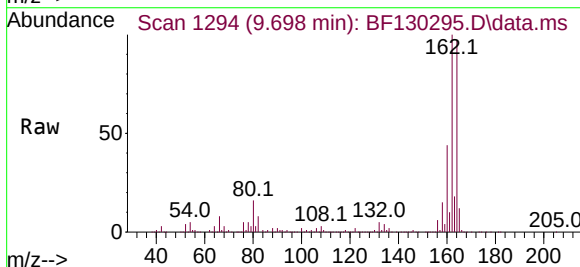
Instrument :
BNA_F
ClientSampleId :
HW-43

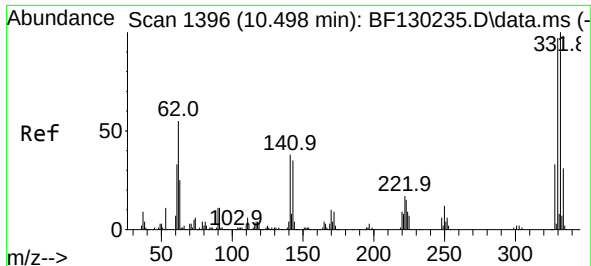
Tgt Ion:	127	Resp:	20510
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.6	38.4
65	33.0	27.0	40.6
92	19.6	15.9	23.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion:	164	Resp:	156066
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.4	122.0
160	45.0	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 80.913 ng

RT: 10.481 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF130295.D

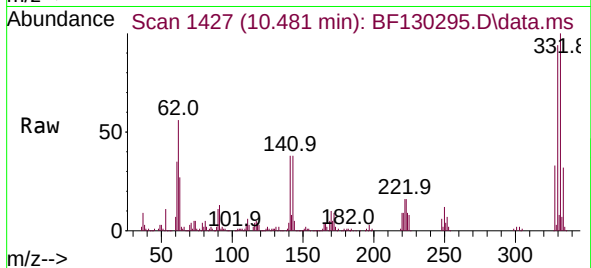
Acq: 16 Sep 2022 17:47

Instrument :

BNA_F

ClientSampleId :

HW-43



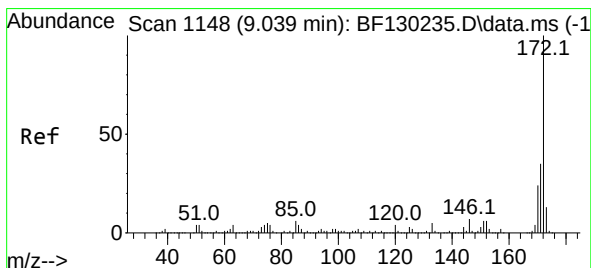
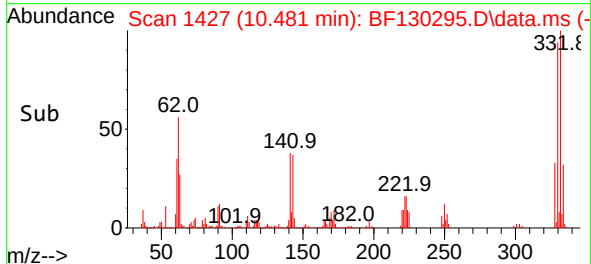
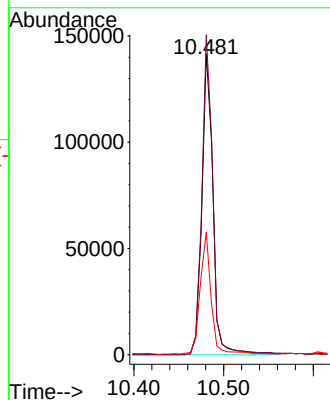
Tgt Ion:330 Resp: 120998

Ion Ratio Lower Upper

330 100

332 105.4 83.4 125.2

141 40.6 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 86.700 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF130295.D

Acq: 16 Sep 2022 17:47

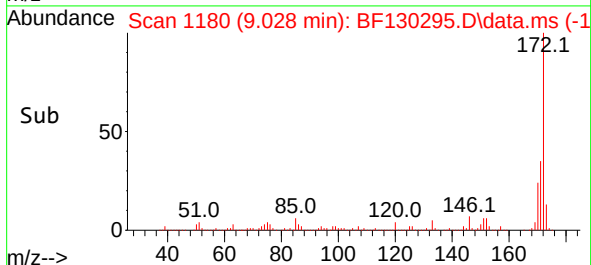
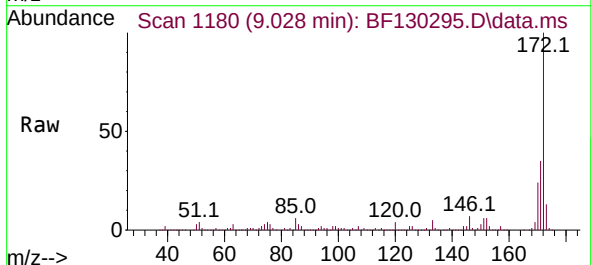
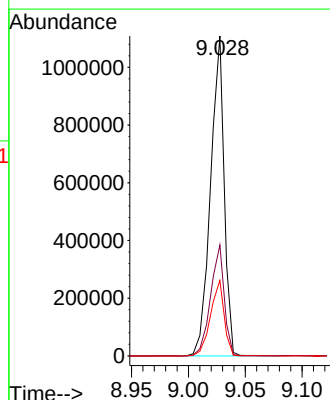
Tgt Ion:172 Resp: 929195

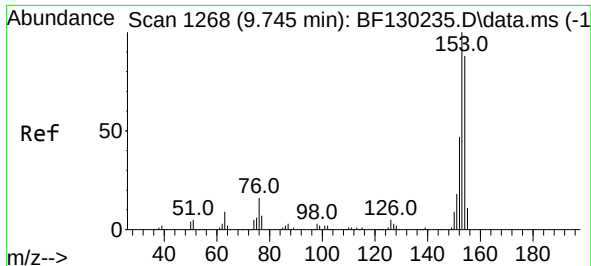
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.6 18.7 28.1

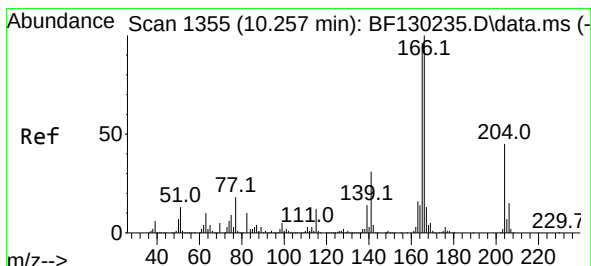
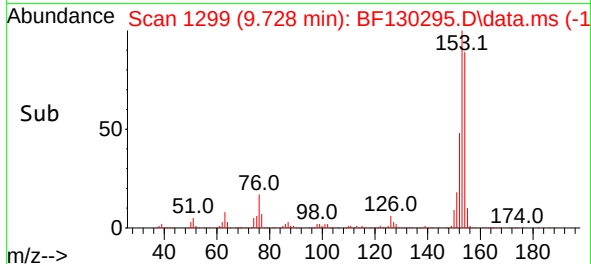
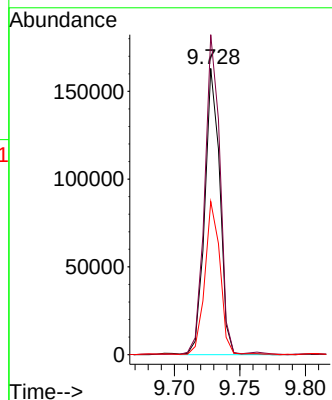
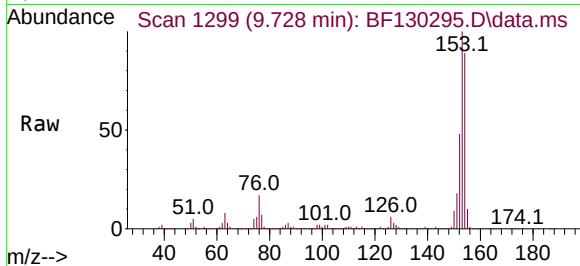




#52
Acenaphthene
Concen: 13.951 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

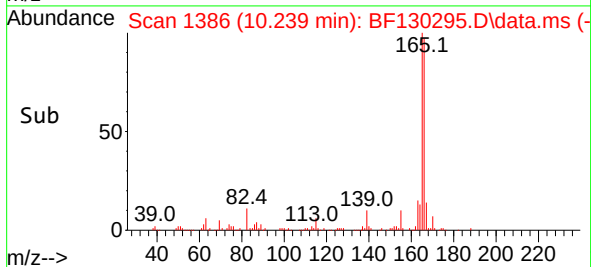
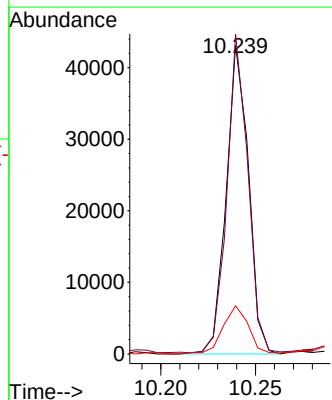
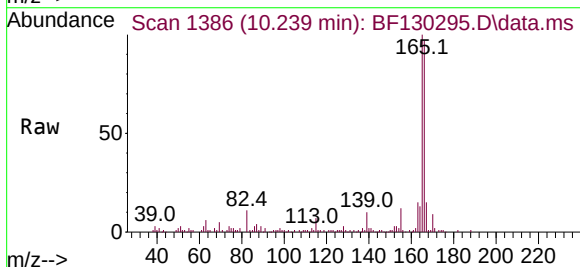
Instrument :
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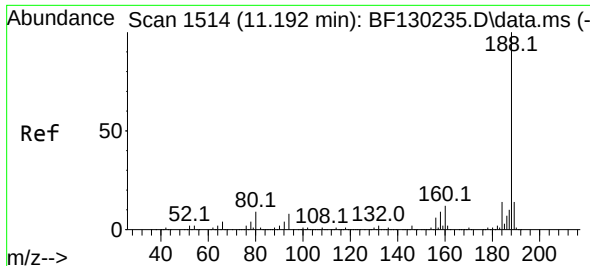
Tgt Ion:154 Resp: 129584
Ion Ratio Lower Upper
154 100
153 111.8 90.6 136.0
152 53.5 43.8 65.6



#58
Fluorene
Concen: 3.348 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion:166 Resp: 35376
Ion Ratio Lower Upper
166 100
165 103.6 78.8 118.2
167 15.6 10.6 15.8

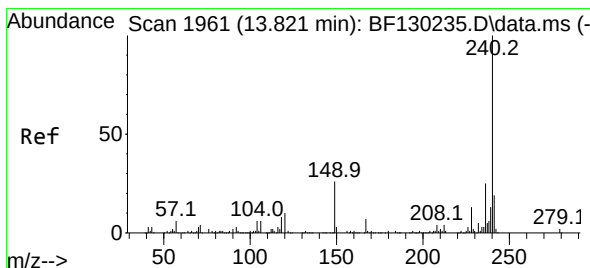
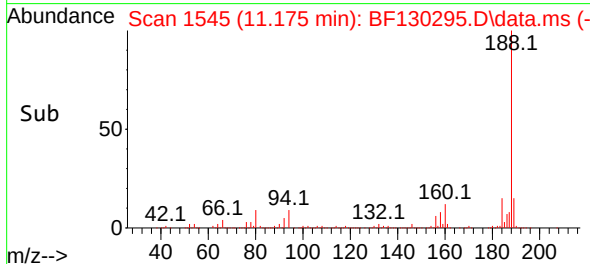
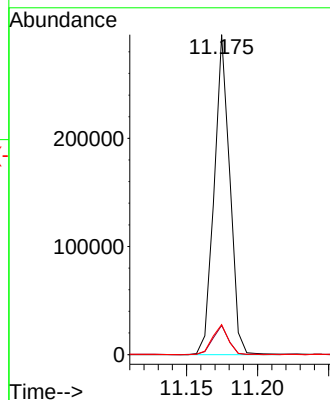
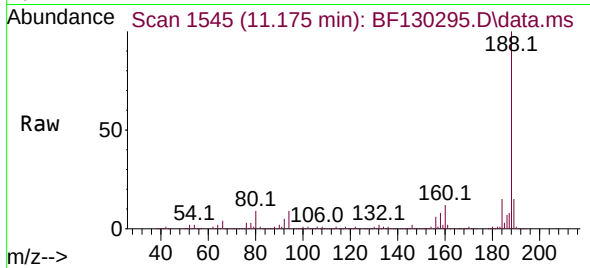




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

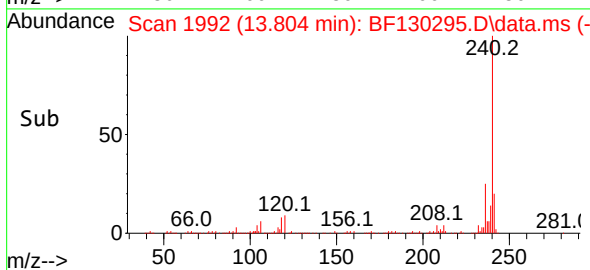
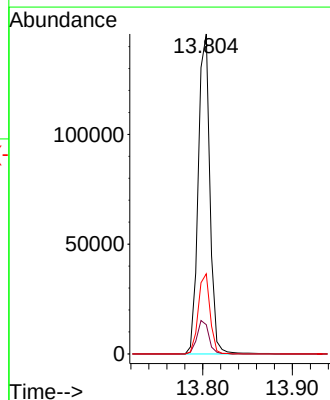
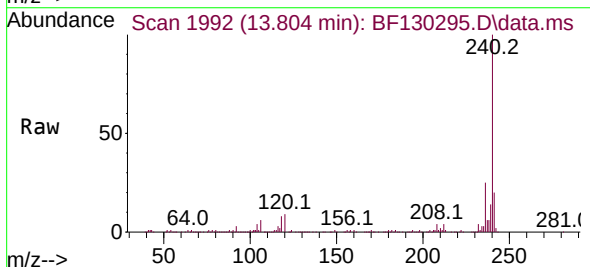
Instrument :
BNA_F
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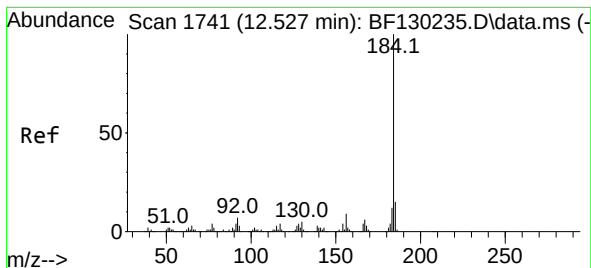
Tgt Ion:188 Resp: 226306
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion:240 Resp: 131282
Ion Ratio Lower Upper
240 100
120 9.1 8.7 13.1
236 25.0 20.9 31.3





#77

Benzidine

Concen: 103.441 ng

RT: 12.516 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130295.D

Acq: 16 Sep 2022 17:47

Instrument :

BNA_F

ClientSampleId :

HW-43

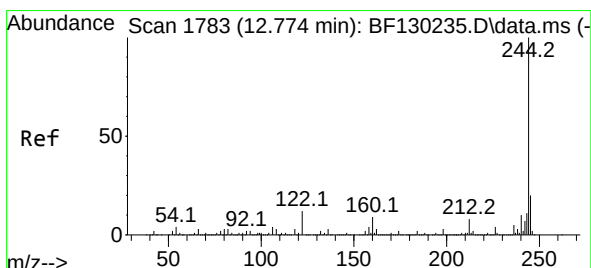
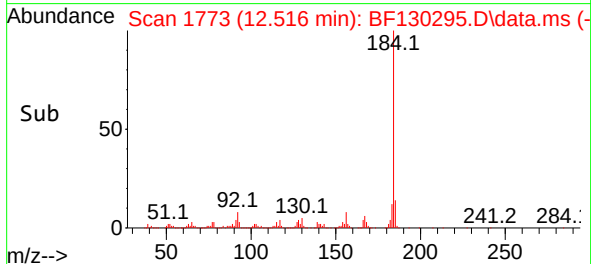
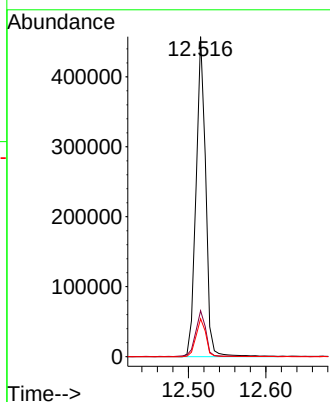
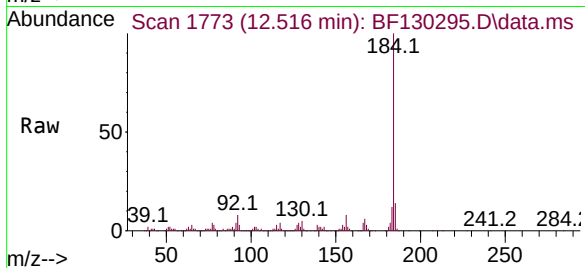
Tgt Ion:184 Resp: 394214

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

183 11.8 9.1 13.7



#79

Terphenyl-d14

Concen: 77.598 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF130295.D

Acq: 16 Sep 2022 17:47

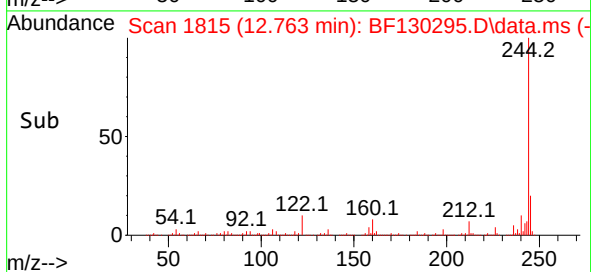
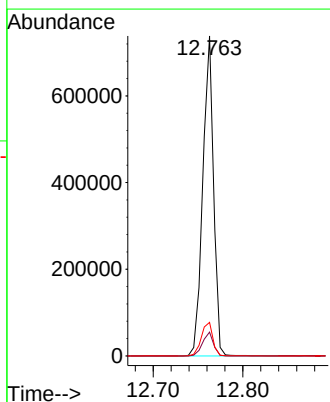
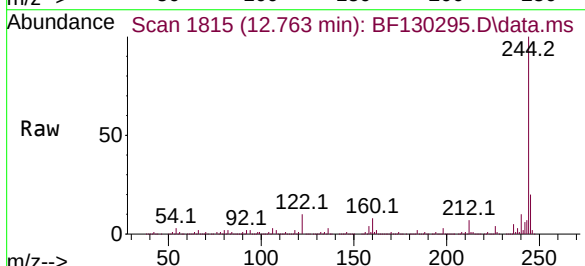
Tgt Ion:244 Resp: 614989

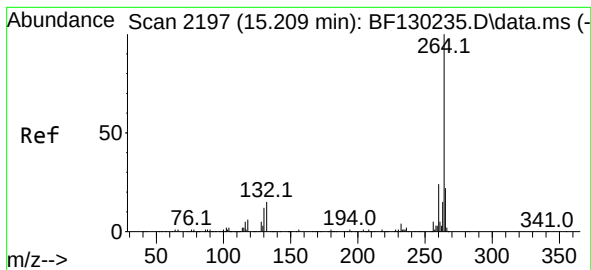
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.5 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130295.D

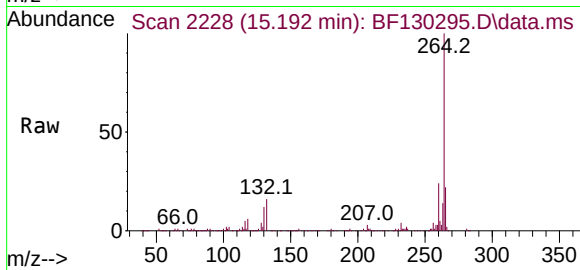
Acq: 16 Sep 2022 17:47

Instrument :

BNA_F

ClientSampleId :

HW-43



Tgt Ion:264 Resp: 164244

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.8 17.0 25.4

