

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130352.D
 Acq On : 20 Sep 2022 19:30
 Operator : CG\JU
 Sample : N4714-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091922

Quant Time: Sep 21 05:17:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

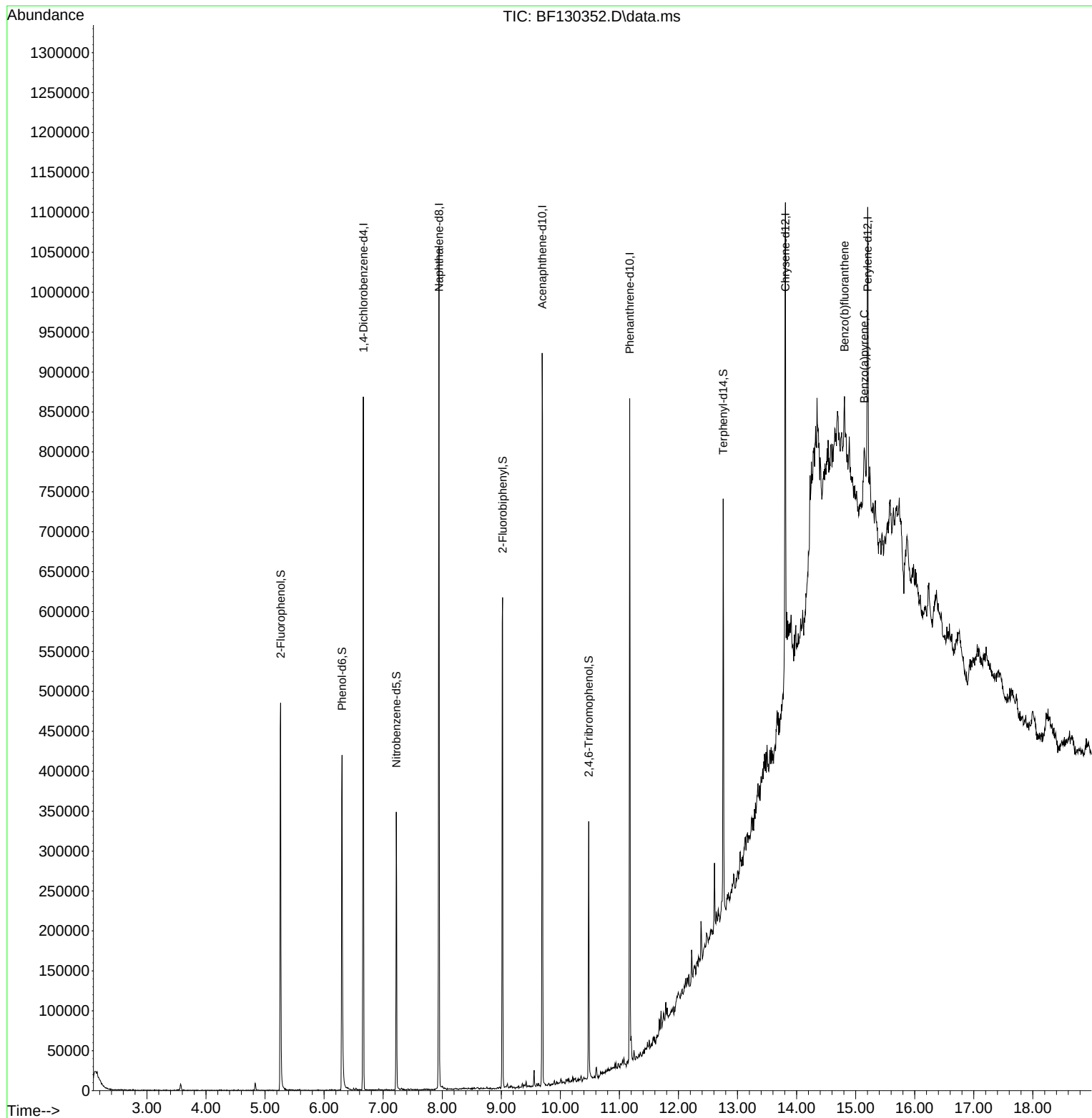
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	116603	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	407461	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	186087	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	266920	20.000	ng	0.00
76) Chrysene-d12	13.810	240	191857	20.000	ng	# 0.00
86) Perylene-d12	15.204	264	142573	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	138767	20.642	ng	0.00
7) Phenol-d6	6.304	99	161320	19.178	ng	0.00
23) Nitrobenzene-d5	7.222	82	100196	12.563	ng	-0.01
42) 2,4,6-Tribromophenol	10.480	330	32989	18.501	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	183265	14.341	ng	0.00
79) Terphenyl-d14	12.757	244	154072	13.303	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	14.810	252	27278	2.931	ng	# 71
90) Benzo(a)pyrene	15.145	252	19274	2.614	ng	# 62

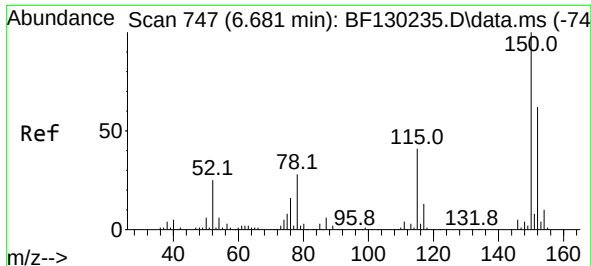
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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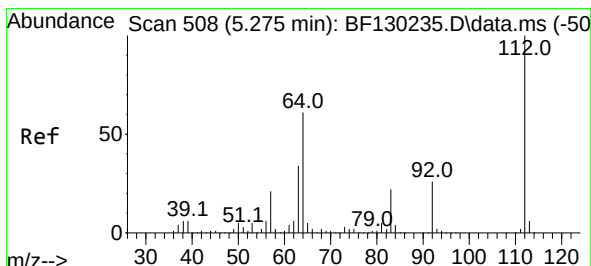
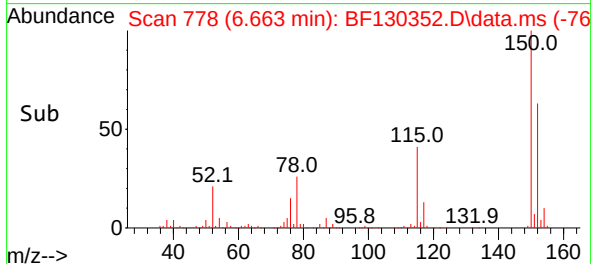
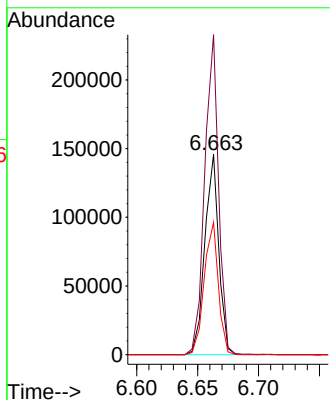
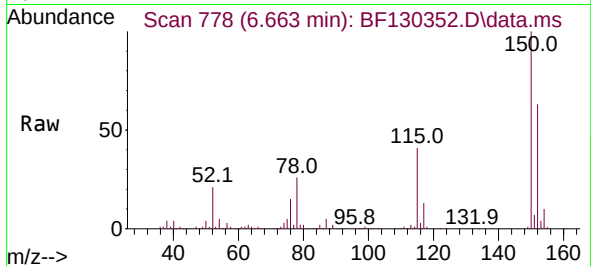




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

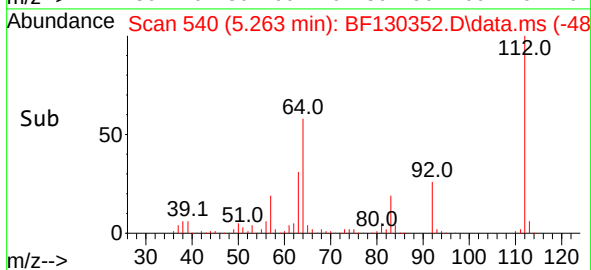
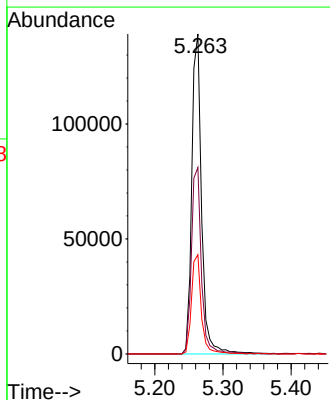
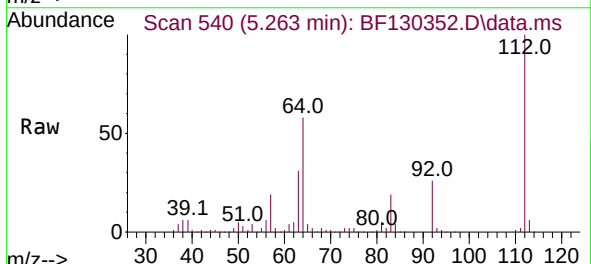
Instrument :
BNA_F
ClientSampleId :
OK-01-091922

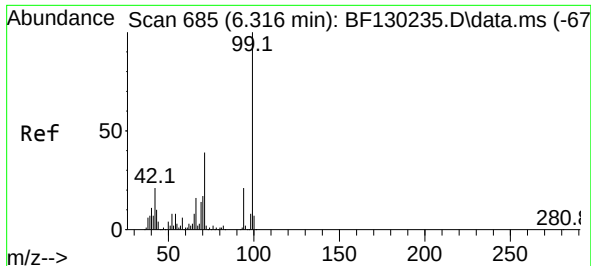
Tgt Ion:152 Resp: 116603
Ion Ratio Lower Upper
152 100
150 159.8 122.8 184.2
115 66.0 53.8 80.8



#5
2-Fluorophenol
Concen: 20.642 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

Tgt Ion:112 Resp: 138767
Ion Ratio Lower Upper
112 100
64 58.2 51.4 77.0
63 31.0 28.8 43.2

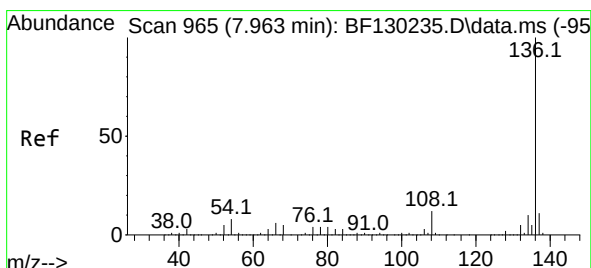
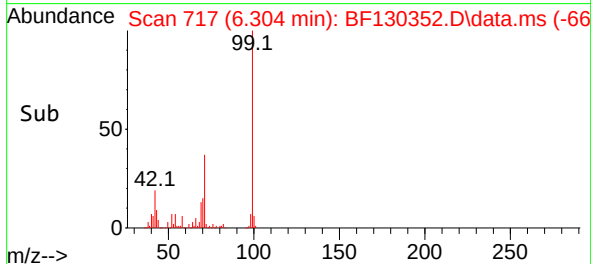
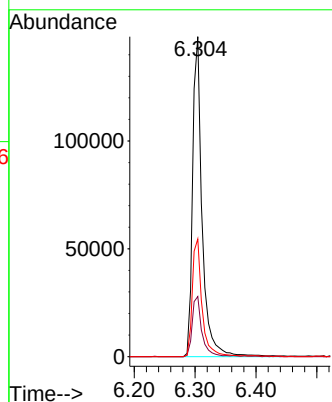
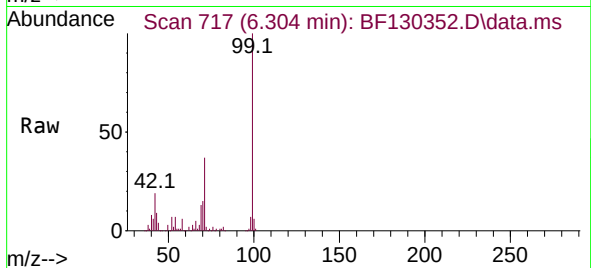




#7
Phenol-d6
Concen: 19.178 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

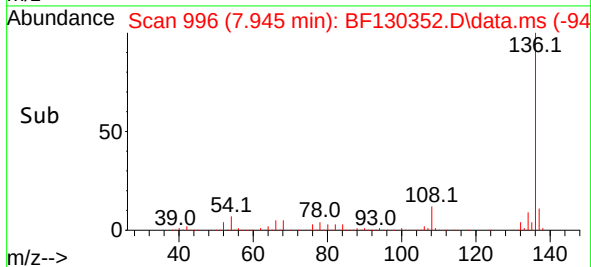
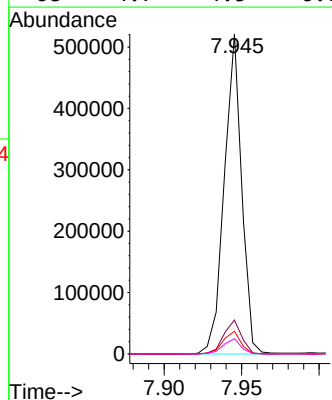
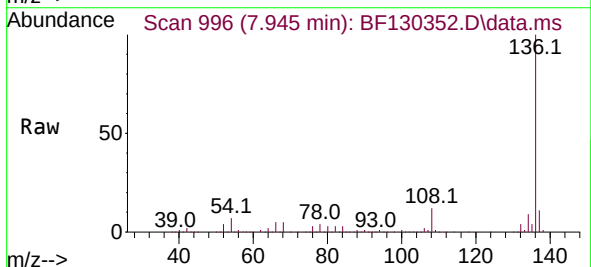
Instrument :
BNA_F
ClientSampleId :
OK-01-091922

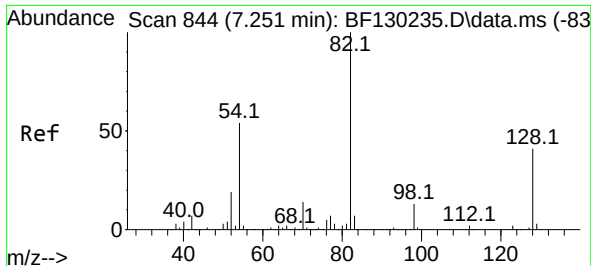
Tgt Ion: 99 Resp: 161320
Ion Ratio Lower Upper
99 100
42 18.8 17.0 25.6
71 36.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

Tgt Ion: 136 Resp: 407461
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 7.1 7.1 10.7#
68 4.7 4.5 6.7

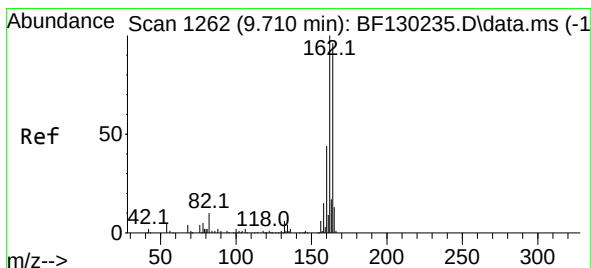
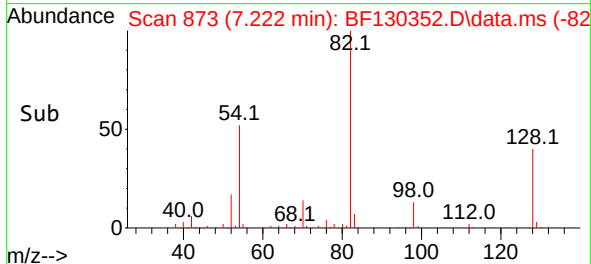
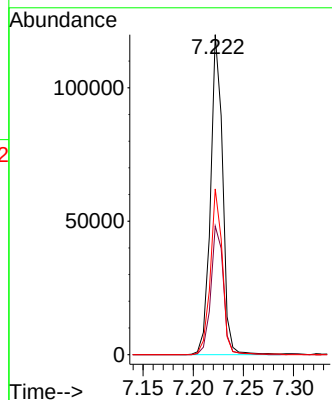
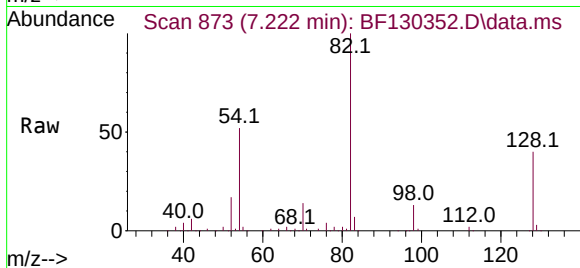




#23
Nitrobenzene-d5
Concen: 12.563 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

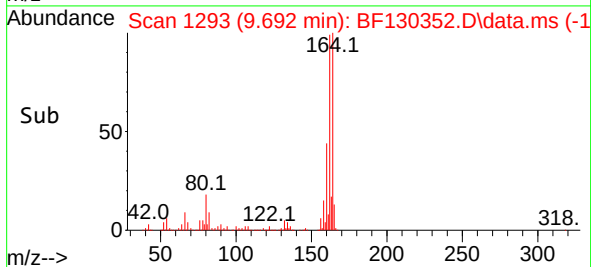
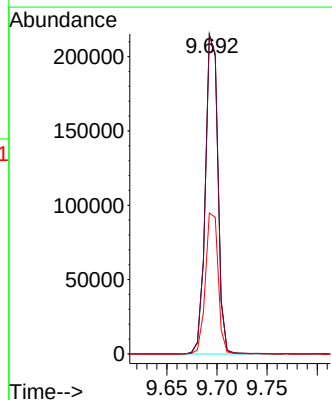
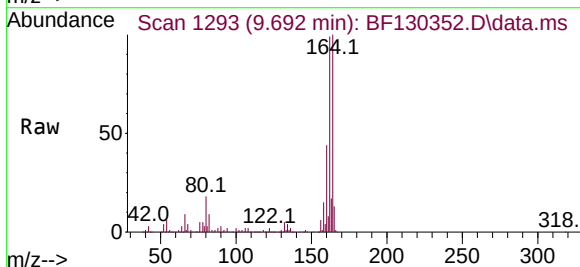
Instrument :
BNA_F
ClientSampleId :
OK-01-091922

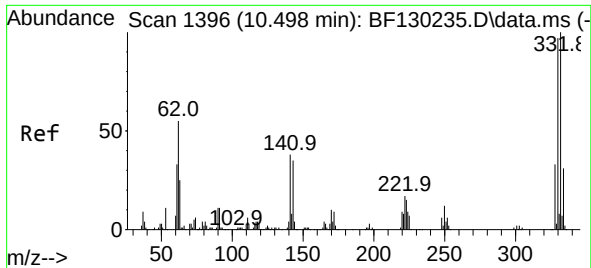
Tgt Ion: 82 Resp: 100196
Ion Ratio Lower Upper
82 100
128 40.2 32.6 49.0
54 51.8 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

Tgt Ion:164 Resp: 186087
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 44.0 36.2 54.4

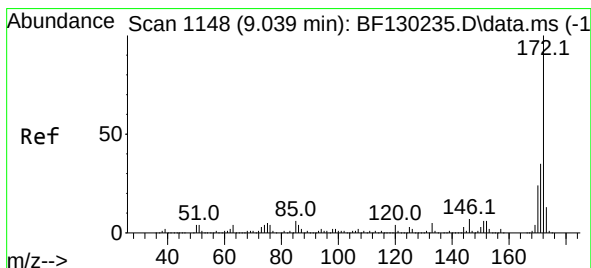
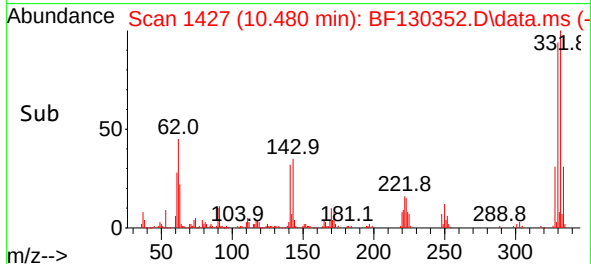
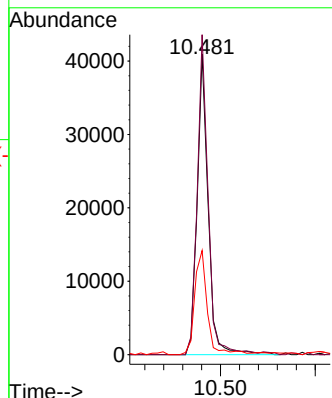
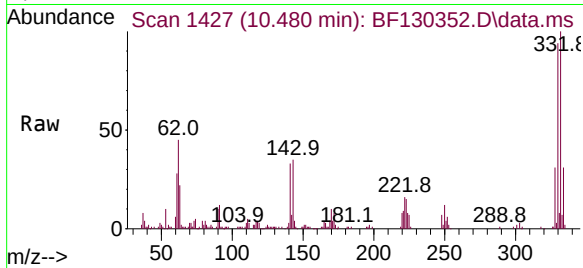




#42
2,4,6-Tribromophenol
Concen: 18.501 ng
RT: 10.480 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

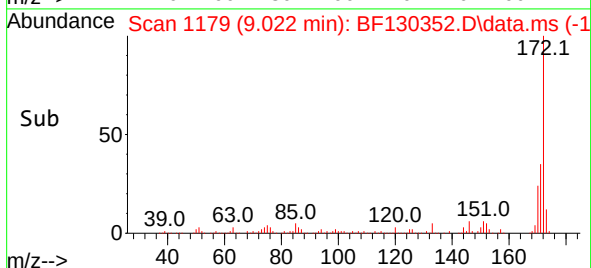
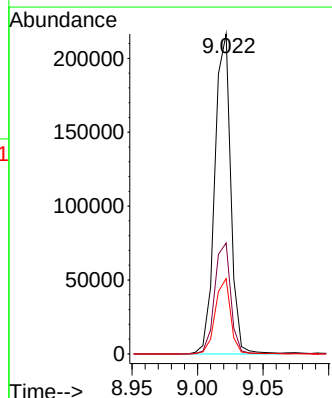
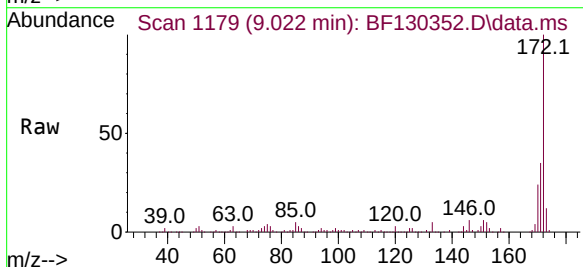
Instrument :
BNA_F
ClientSampleId :
OK-01-091922

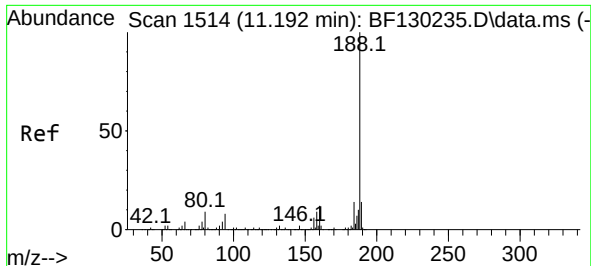
Tgt Ion:330 Resp: 32989
Ion Ratio Lower Upper
330 100
332 104.9 83.4 125.2
141 39.6 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 14.341 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

Tgt Ion:172 Resp: 183265
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.5 18.7 28.1

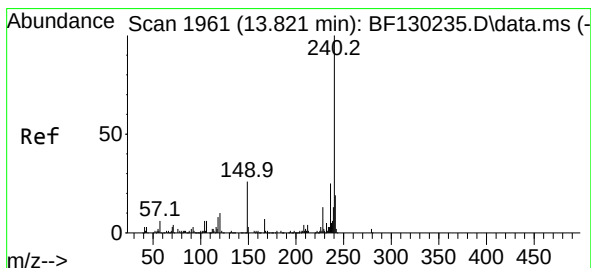
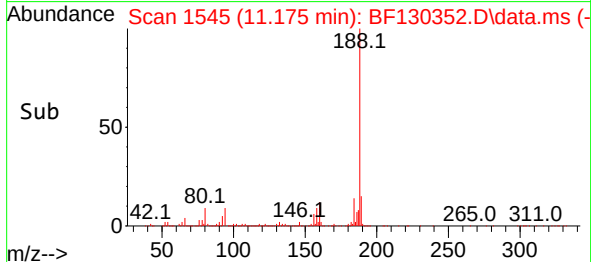
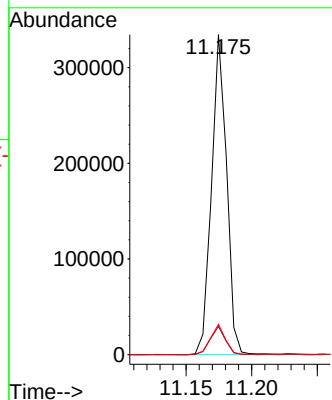
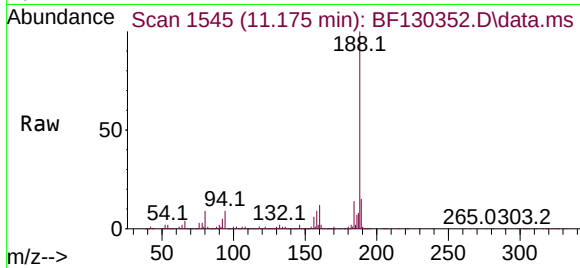




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

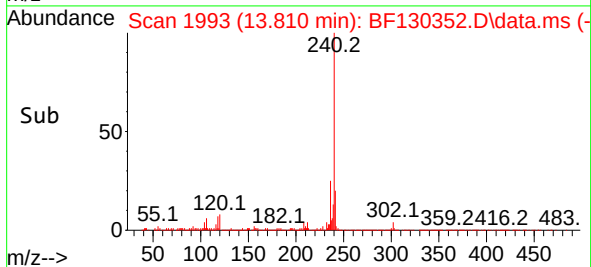
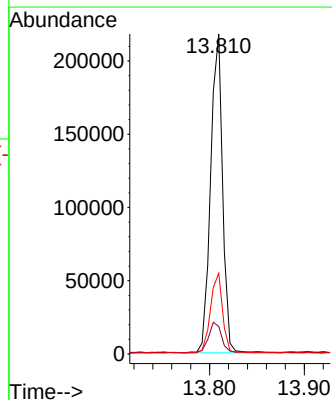
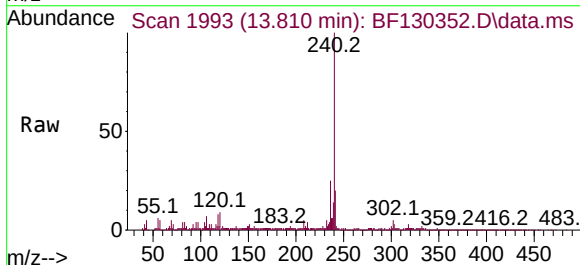
Instrument :
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OK-01-091922

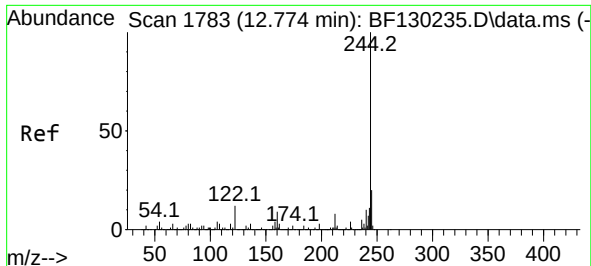
Tgt Ion:188 Resp: 266920
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

Tgt Ion:240 Resp: 191857
Ion Ratio Lower Upper
240 100
120 8.6 8.7 13.1#
236 25.3 20.9 31.3

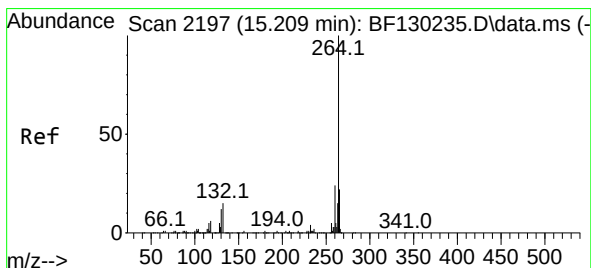
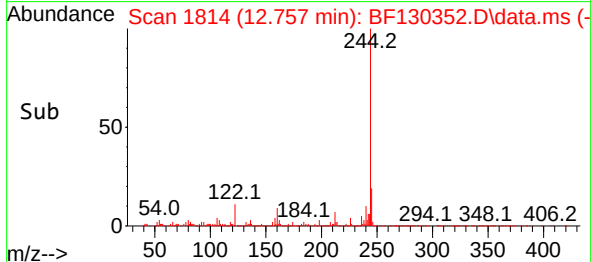
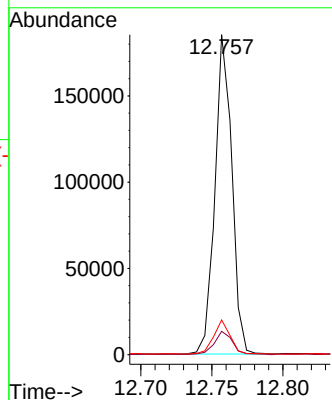
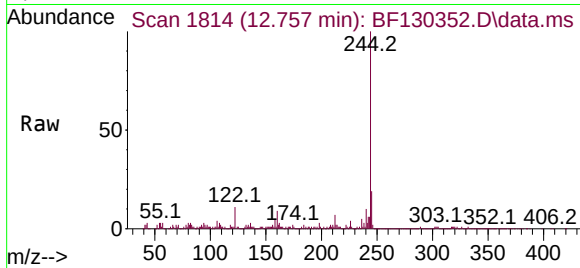




#79
Terphenyl-d14
Concen: 13.303 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

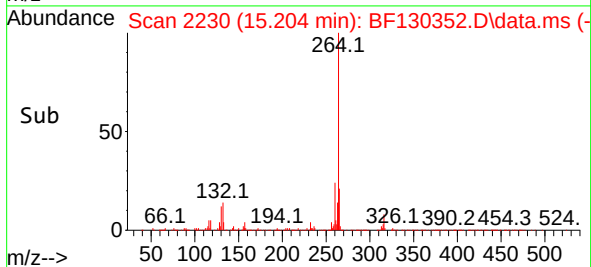
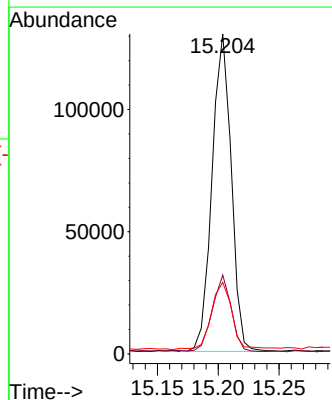
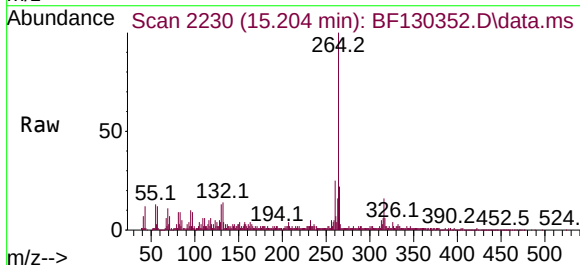
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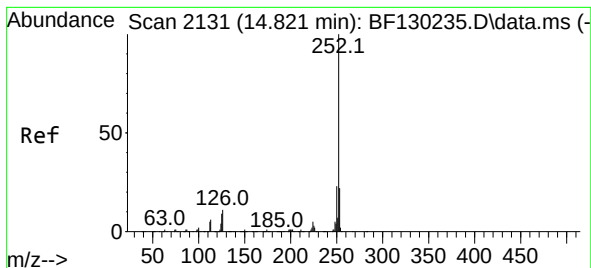
Tgt Ion:244 Resp: 154072
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.8 8.5 12.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.204 min Scan# 2230
Delta R.T. 0.018 min
Lab File: BF130352.D
Acq: 20 Sep 2022 19:30

Tgt Ion:264 Resp: 142573
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 22.3 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.931 ng

RT: 14.810 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF130352.D

Acq: 20 Sep 2022 19:30

Instrument :

BNA_F

ClientSampleId :

OK-01-091922

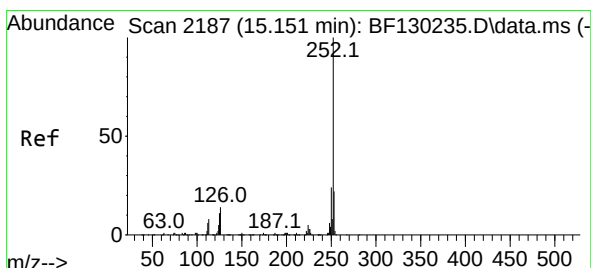
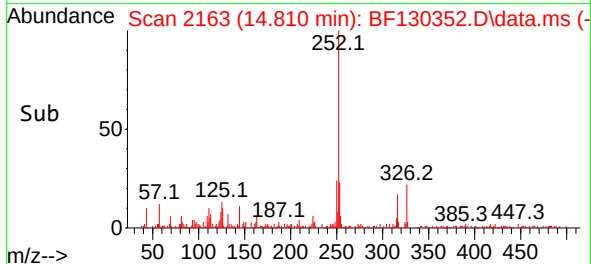
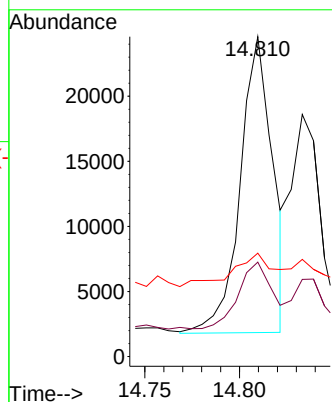
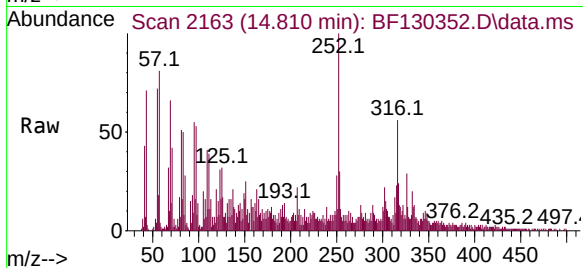
Tgt Ion:252 Resp: 27278

Ion Ratio Lower Upper

252 100

253 29.5 17.7 26.5#

125 32.3 8.1 12.1#



#90

Benzo(a)pyrene

Concen: 2.614 ng

RT: 15.145 min Scan# 2220

Delta R.T. 0.012 min

Lab File: BF130352.D

Acq: 20 Sep 2022 19:30

Tgt Ion:252 Resp: 19274

Ion Ratio Lower Upper

252 100

253 32.1 17.8 26.6#

125 38.4 9.0 13.6#

