

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137619.D
 Acq On : 15 Mar 2024 20:03
 Operator : CG\JU
 Sample : P1771-07 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Mar 15 23:24:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

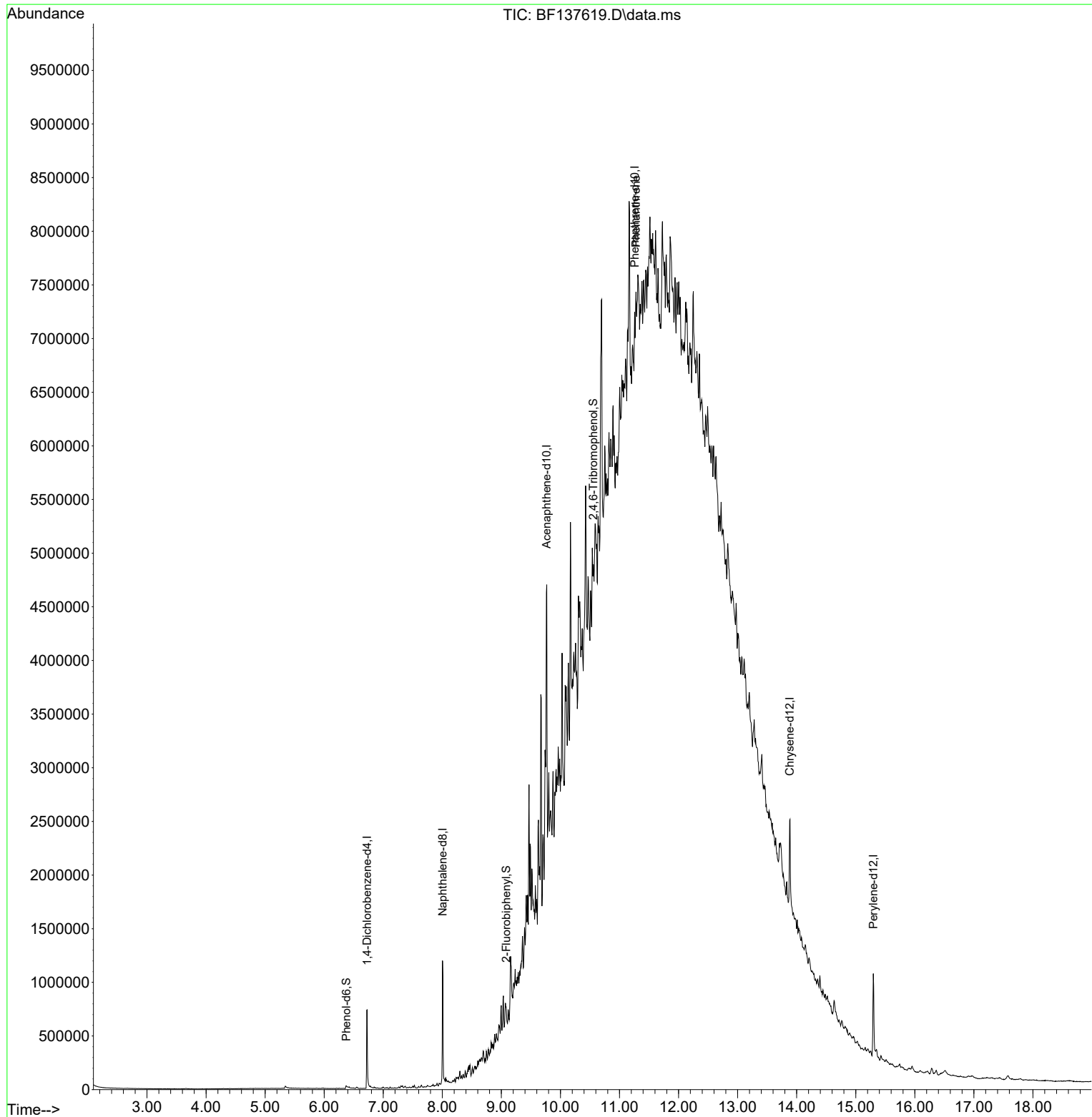
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	129637	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	520679	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	227007	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	287006	20.000	ng	# 0.02
76) Chrysene-d12	13.880	240	296123	20.000	ng	# 0.00
86) Perylene-d12	15.298	264	354585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	15559	1.818	ng	0.01
7) Phenol-d6	6.375	99	27718	2.243	ng	0.00
23) Nitrobenzene-d5	7.298	82	18714m	1.670	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	5653	2.836	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	49879	3.439	ng	0.00
79) Terphenyl-d14	12.839	244	35870	1.666	ng	0.01
Target Compounds						
71) Phenanthrene	11.280	178	138518	8.868	ng	# 70

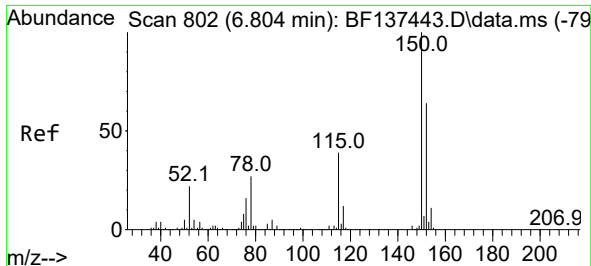
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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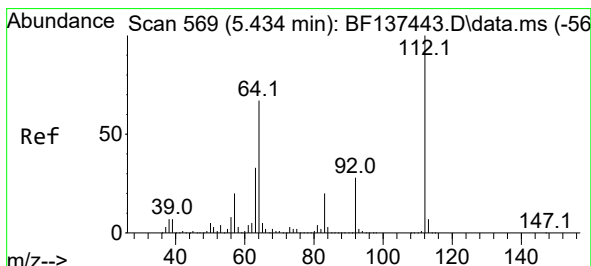
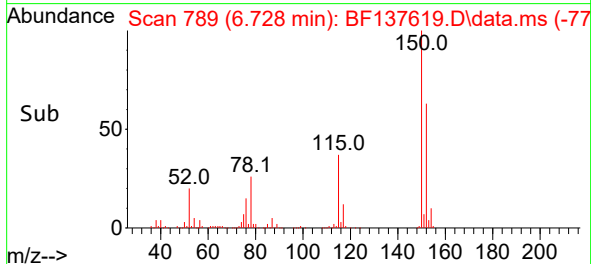
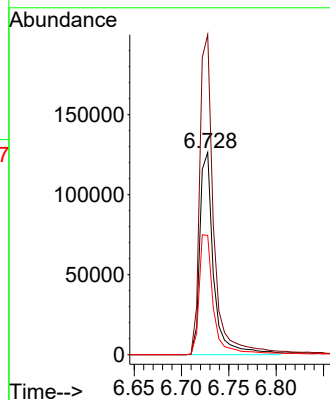
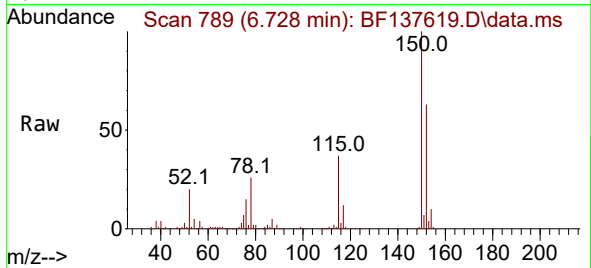




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

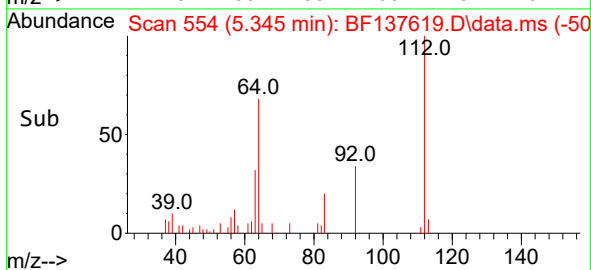
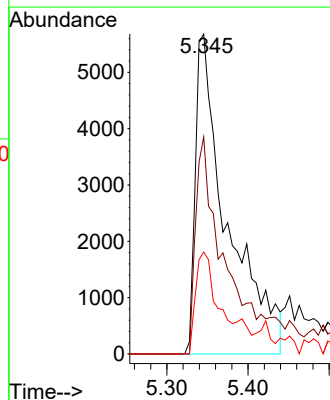
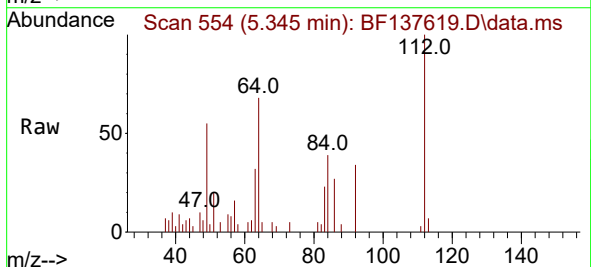
Instrument :
BNA_F
ClientSampleId :
COMP-4

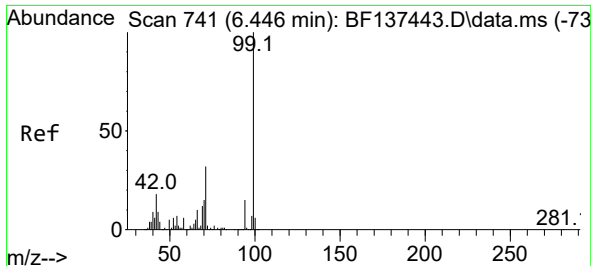
Tgt Ion:152 Resp: 129637
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 59.0 48.8 73.2



#5
2-Fluorophenol
Concen: 1.818 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Tgt Ion:112 Resp: 15559
Ion Ratio Lower Upper
112 100
64 67.8 53.4 80.2
63 31.9 26.2 39.2

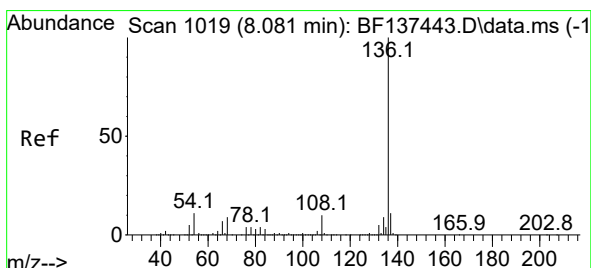
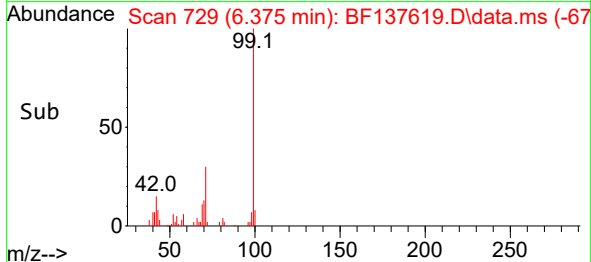
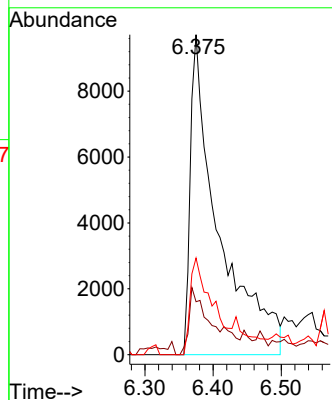
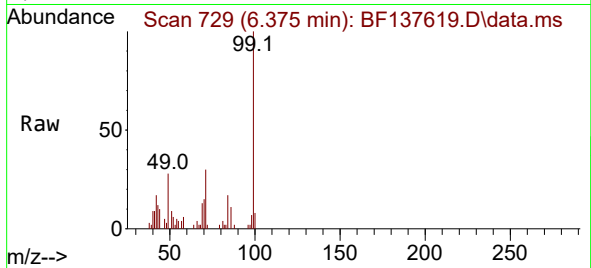




#7
Phenol-d6
Concen: 2.243 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

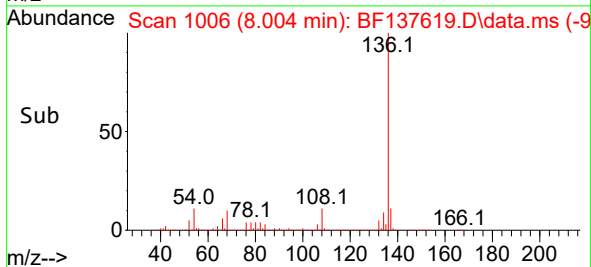
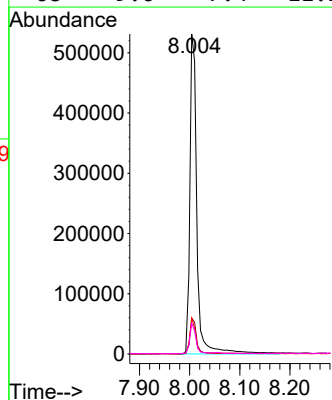
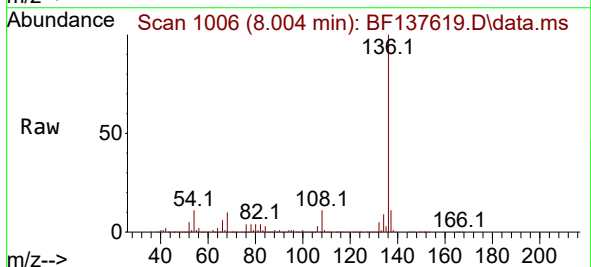
Instrument :
BNA_F
ClientSampleId :
COMP-4

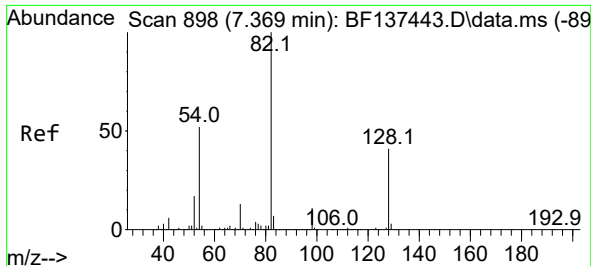
Tgt Ion: 99 Resp: 27718
Ion Ratio Lower Upper
99 100
42 16.5 14.6 21.8
71 30.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Tgt Ion: 136 Resp: 520679
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.1 8.5 12.7
68 9.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 1.670 ng m

RT: 7.298 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

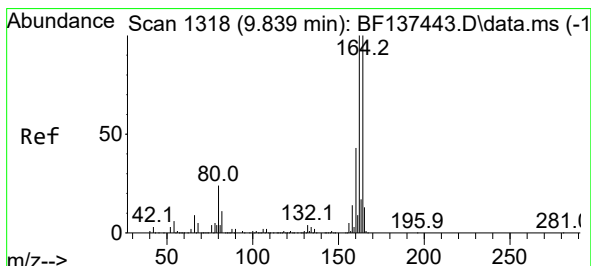
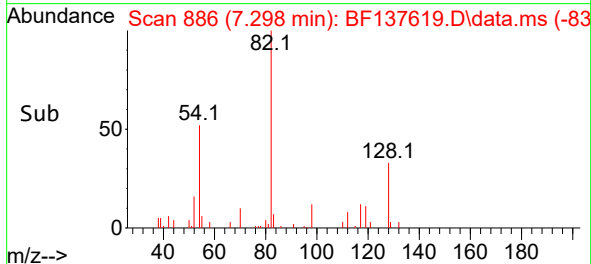
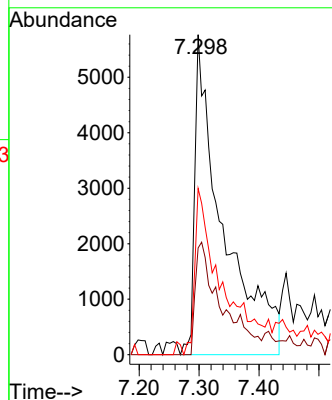
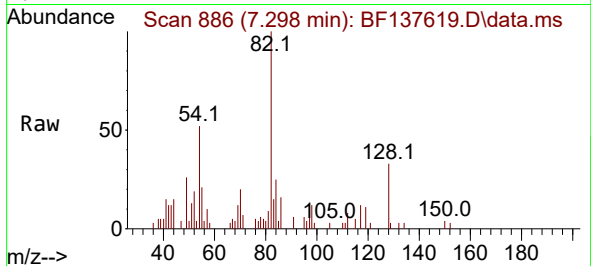
Tgt Ion: 82 Resp: 18714

Ion Ratio Lower Upper

82 100

128 33.4 32.5 48.7

54 52.0 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

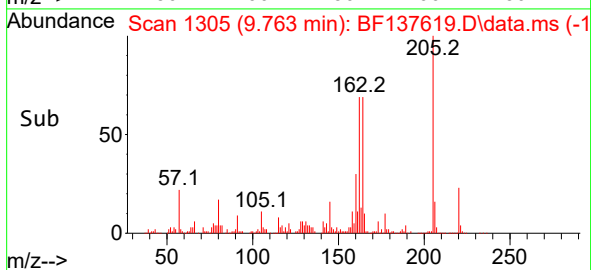
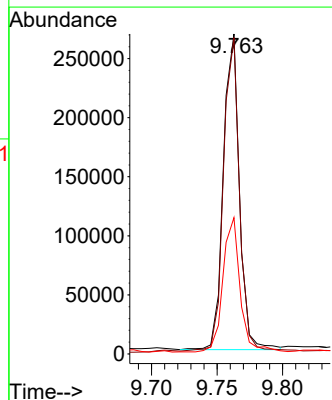
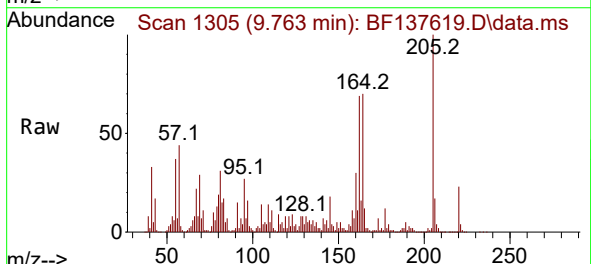
Tgt Ion:164 Resp: 227007

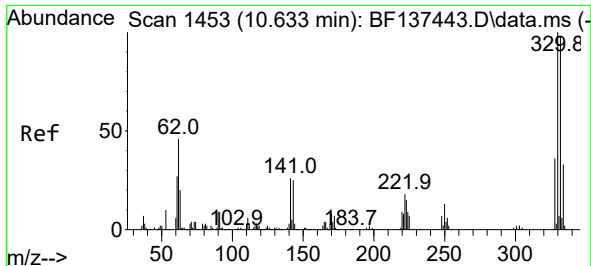
Ion Ratio Lower Upper

164 100

162 98.9 79.8 119.8

160 42.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 2.836 ng

RT: 10.557 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

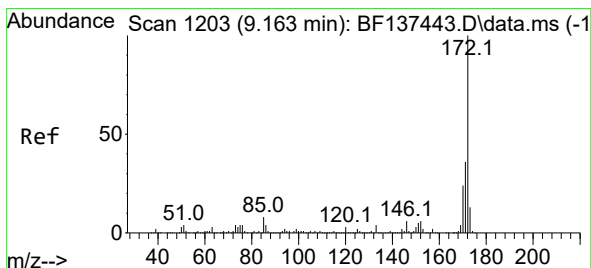
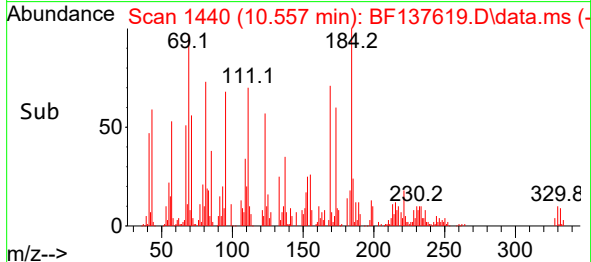
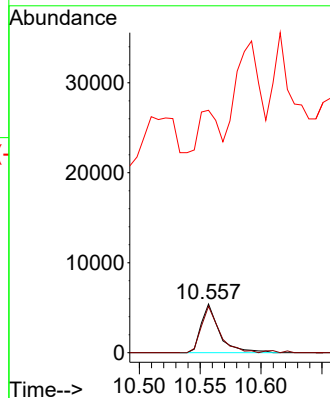
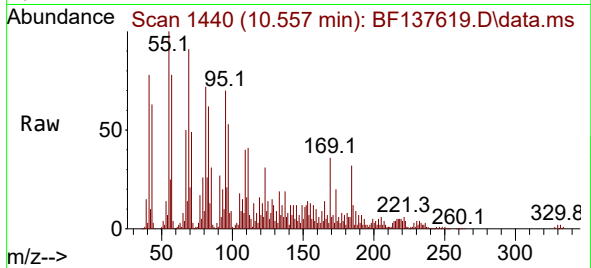
Tgt Ion:330 Resp: 5653

Ion Ratio Lower Upper

330 100

332 94.0 78.0 117.0

141 89.5 27.3 40.9#



#45

2-Fluorobiphenyl

Concen: 3.439 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

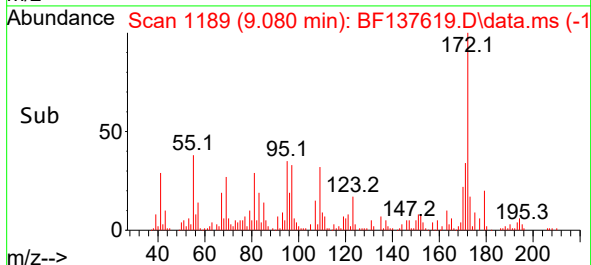
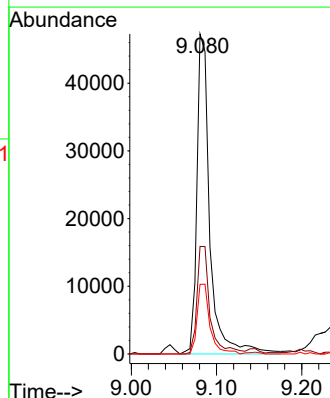
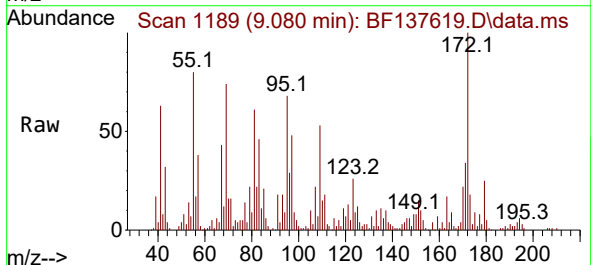
Tgt Ion:172 Resp: 49879

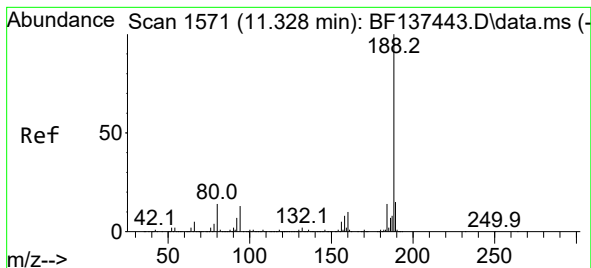
Ion Ratio Lower Upper

172 100

171 33.6 28.5 42.7

170 21.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

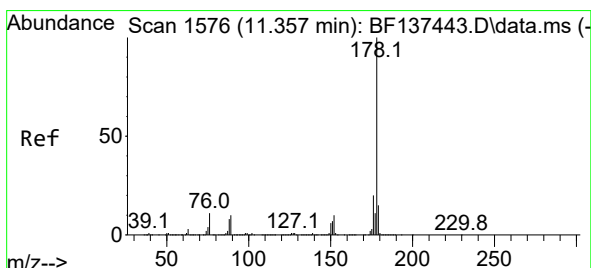
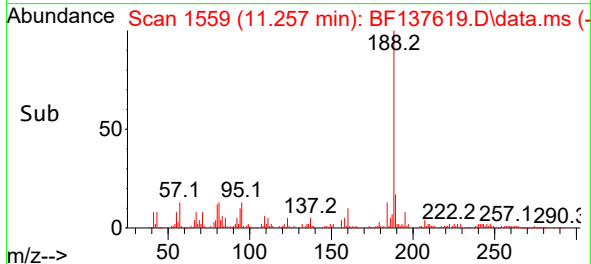
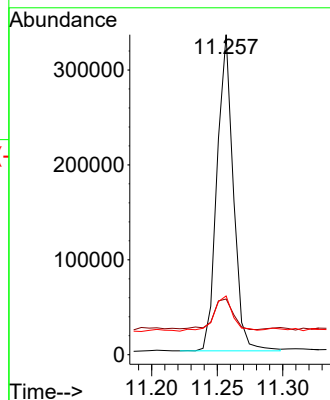
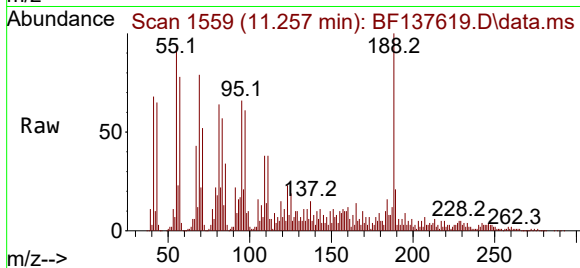
Tgt Ion:188 Resp: 287006

Ion Ratio Lower Upper

188 100

94 17.4 10.6 15.8#

80 18.4 11.5 17.3#



#71

Phenanthrene

Concen: 8.868 ng

RT: 11.280 min Scan# 1563

Delta R.T. 0.012 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

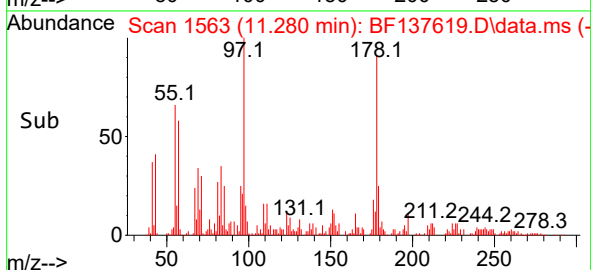
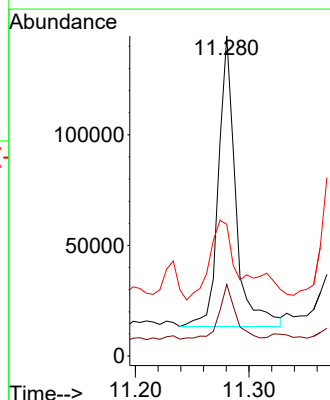
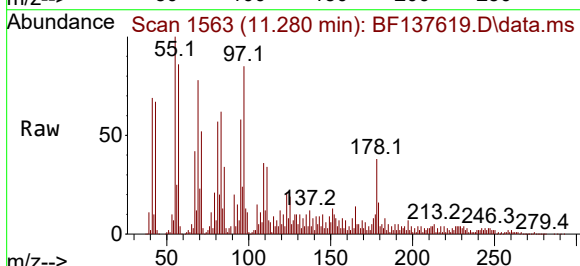
Tgt Ion:178 Resp: 138518

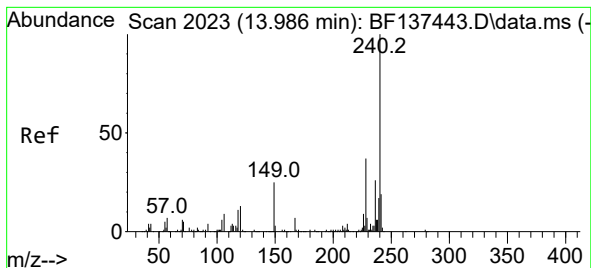
Ion Ratio Lower Upper

178 100

176 22.4 15.8 23.8

179 41.2 12.2 18.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

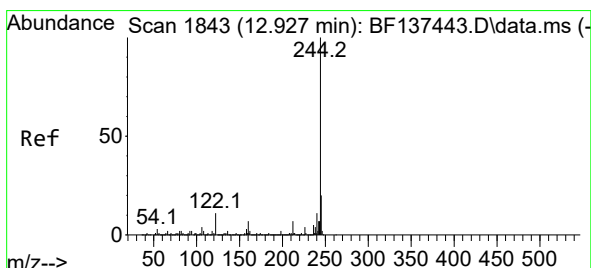
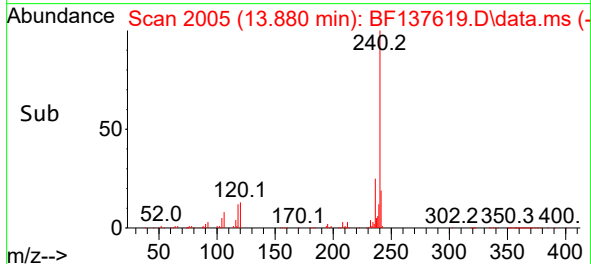
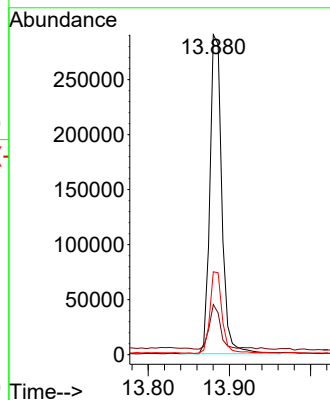
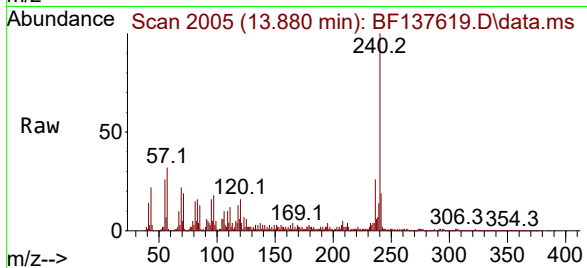
Tgt Ion:240 Resp: 296123

Ion Ratio Lower Upper

240 100

120 15.6 10.4 15.6#

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 1.666 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

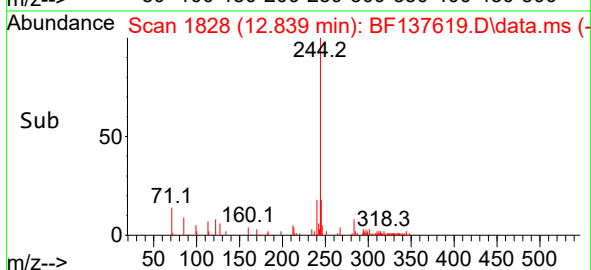
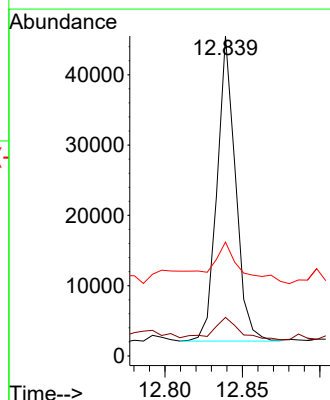
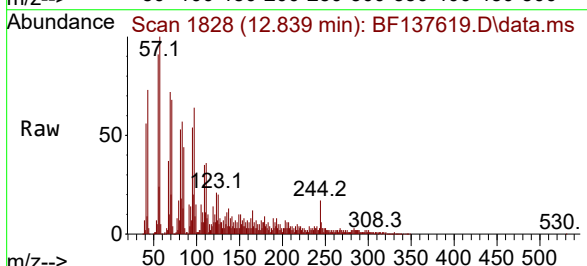
Tgt Ion:244 Resp: 35870

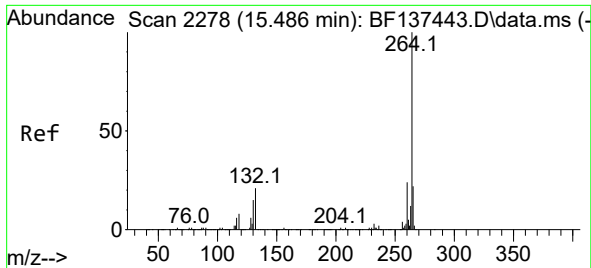
Ion Ratio Lower Upper

244 100

212 12.0 5.4 8.2#

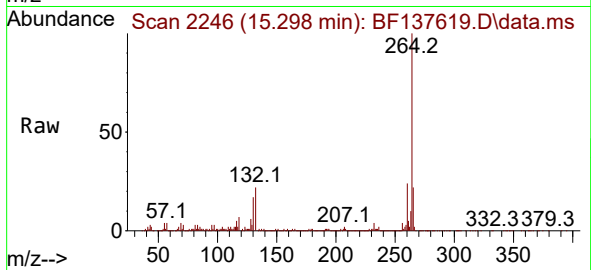
122 35.6 9.1 13.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Instrument :
BNA_F
ClientSampleId :
COMP-4



Tgt Ion:264 Resp: 354585
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.5 17.4 26.0

