

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136732.D
 Acq On : 26 Dec 2023 22:05
 Operator : CG\JU
 Sample : 05933-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2-NORTH-SIDE

Quant Time: Dec 27 03:59:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69087	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	261447	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	123090	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	193403	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	133366	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	124417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	356712	80.561	ng	0.00
7) Phenol-d6	6.428	99	451171	78.637	ng	-0.01
23) Nitrobenzene-d5	7.345	82	278099	54.430	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	81077	55.928	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	540963	59.110	ng	-0.01
79) Terphenyl-d14	12.904	244	436744	45.764	ng	-0.01

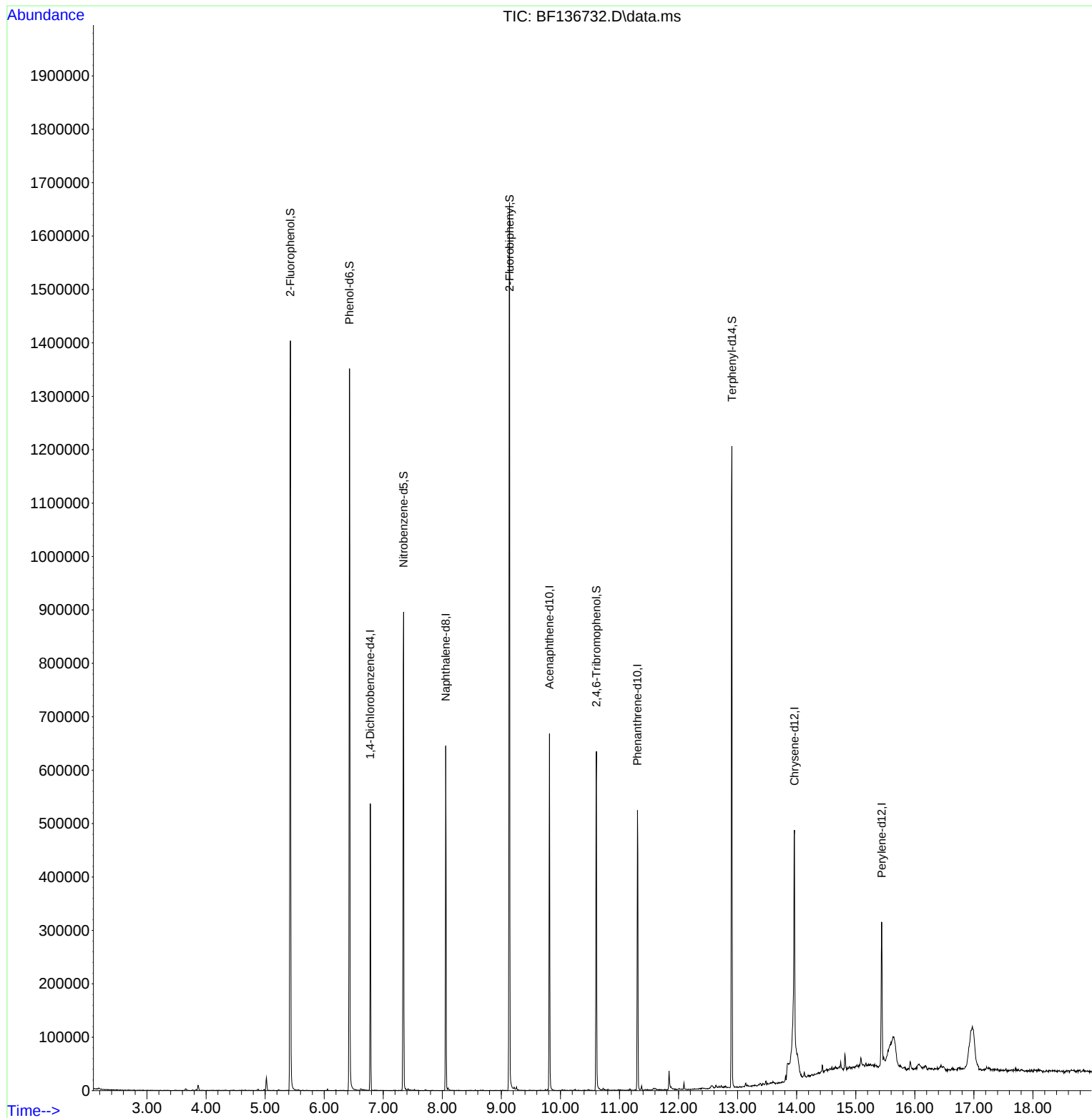
Target Compounds	Qvalue

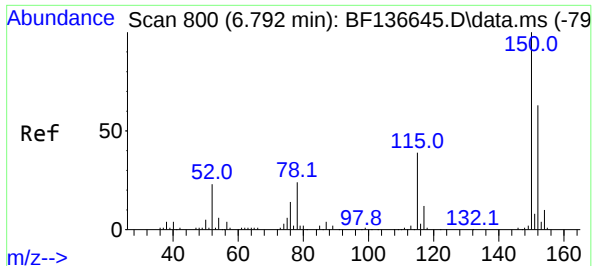
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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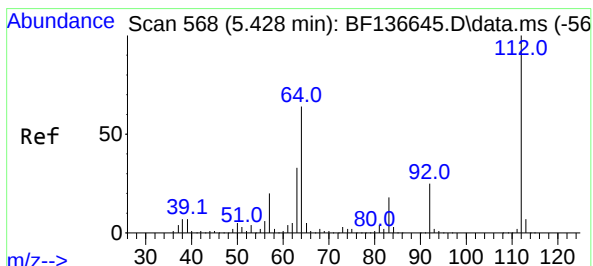
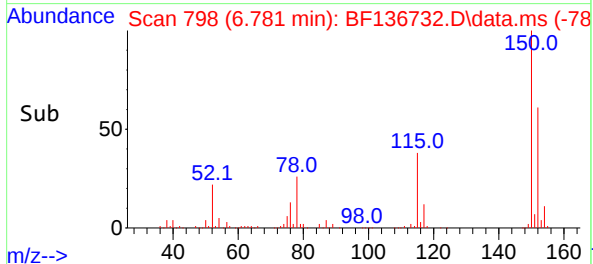
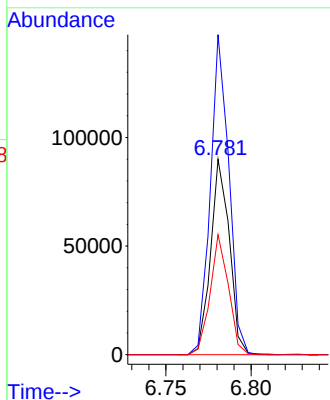
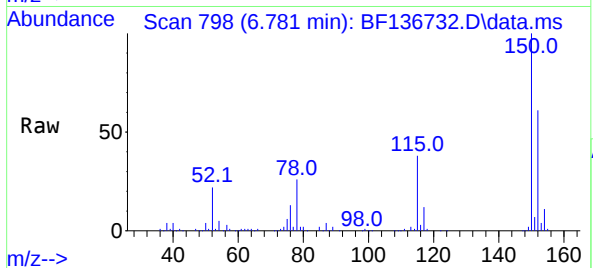




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

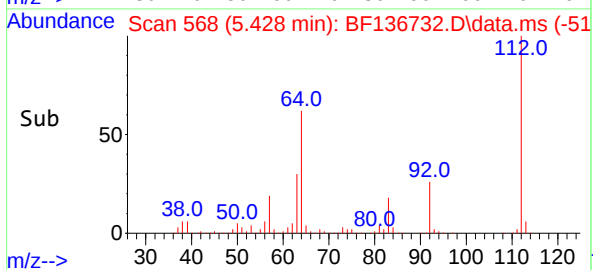
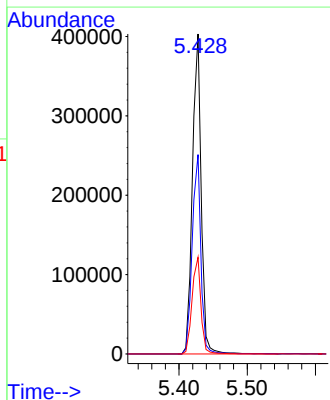
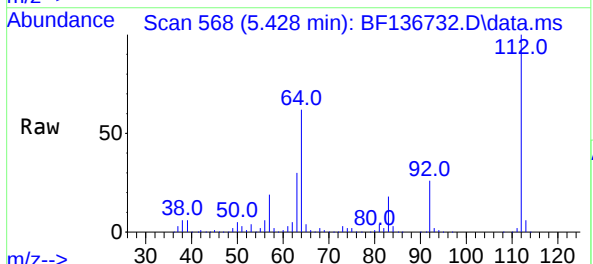
Instrument :
BNA_F
ClientSampleId :
S-2-NORTH-SIDE

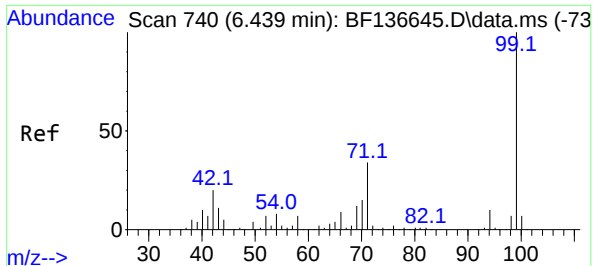
Tgt Ion:152 Resp: 69087
Ion Ratio Lower Upper
152 100
150 163.8 127.0 190.6
115 61.4 49.0 73.4



#5
2-Fluorophenol
Concen: 80.561 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Tgt Ion:112 Resp: 356712
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 30.2 26.1 39.1

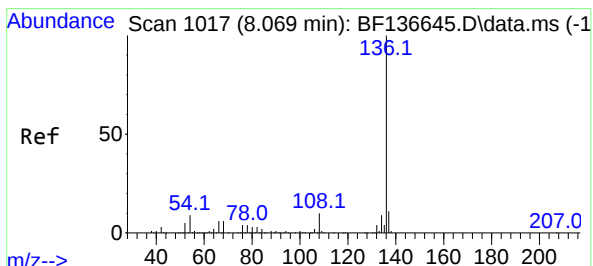
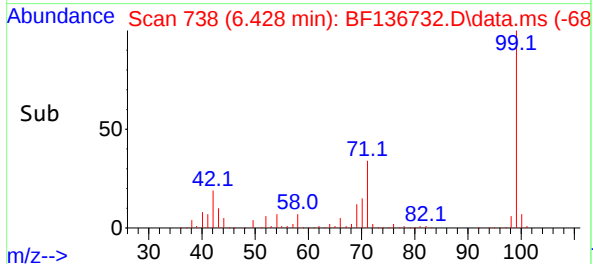
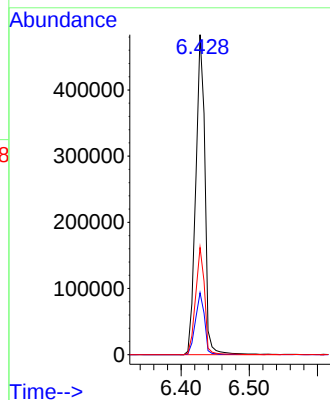
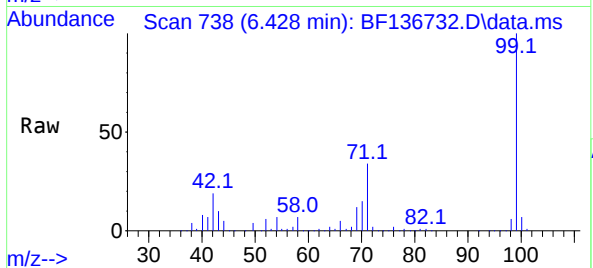




#7
Phenol-d6
Concen: 78.637 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

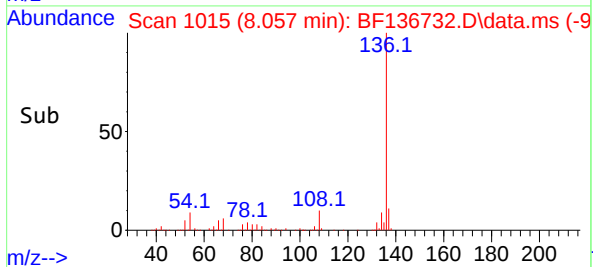
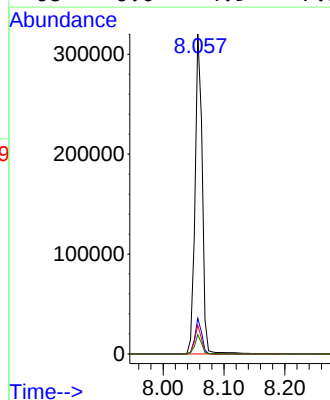
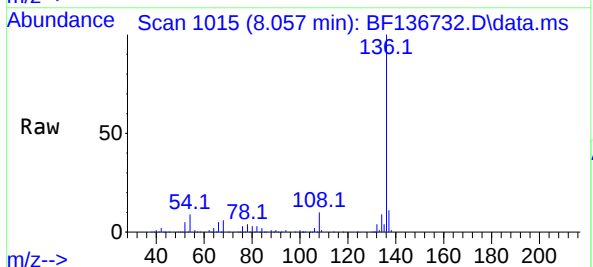
Instrument :
BNA_F
ClientSampleId :
S-2-NORTH-SIDE

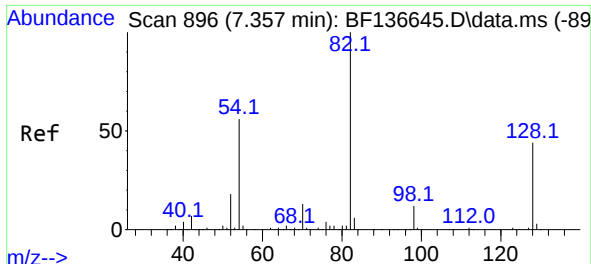
Tgt Ion: 99 Resp: 451171
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Tgt Ion: 136 Resp: 261447
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.0 7.2 10.8
68 6.0 4.9 7.3



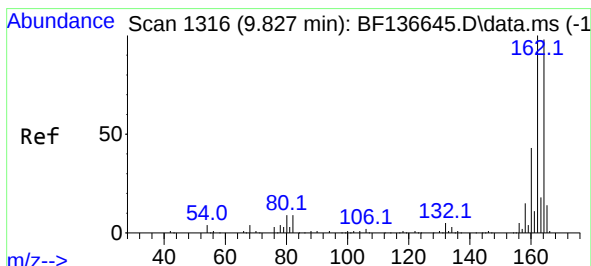
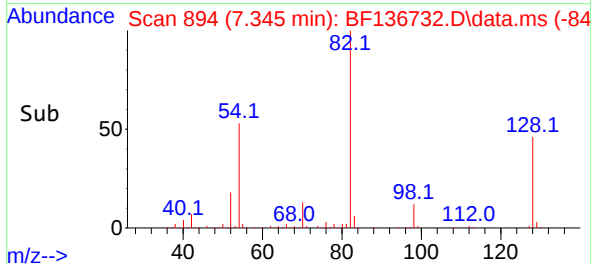
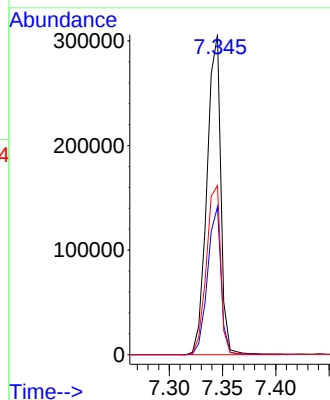
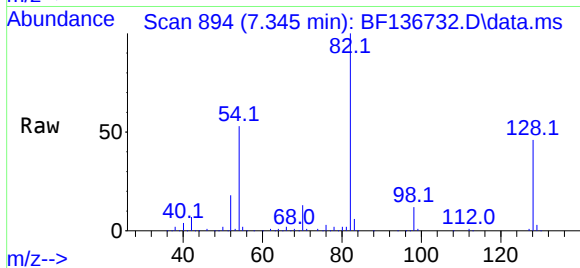


#23
 Nitrobenzene-d5
 Concen: 54.430 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF136732.D
 Acq: 26 Dec 2023 22:05

Instrument :
 BNA_F
 ClientSampleId :
 S-2-NORTH-SIDE

Tgt Ion: 82 Resp: 278099

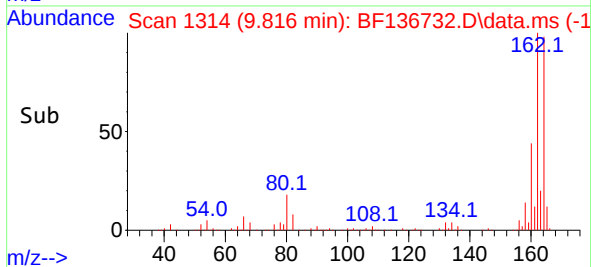
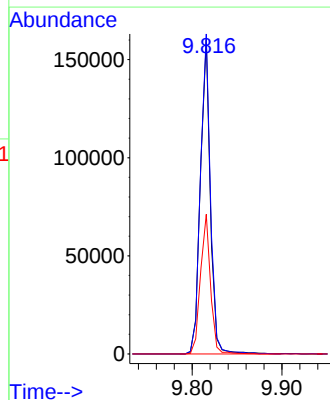
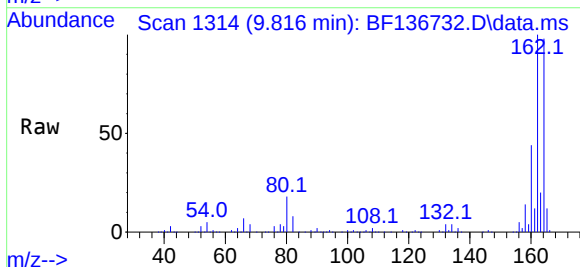
Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.3	52.9
54	52.9	44.5	66.7

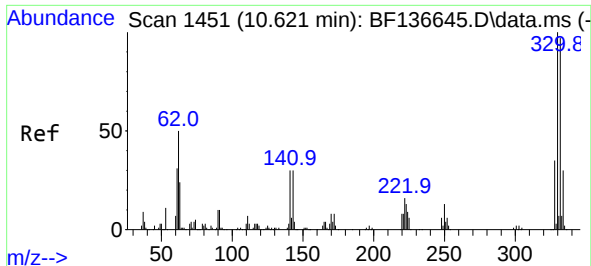


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136732.D
 Acq: 26 Dec 2023 22:05

Tgt Ion:164 Resp: 123090

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	44.4	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 55.928 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136732.D

Acq: 26 Dec 2023 22:05

Instrument :

BNA_F

ClientSampleId :

S-2-NORTH-SIDE

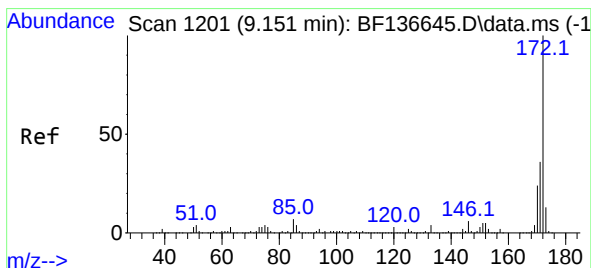
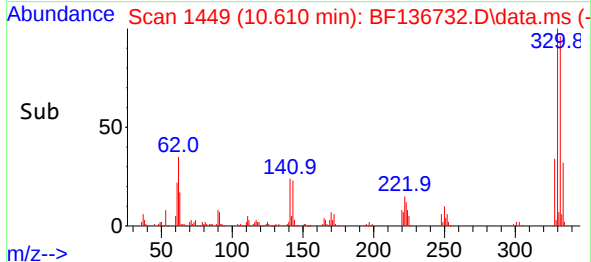
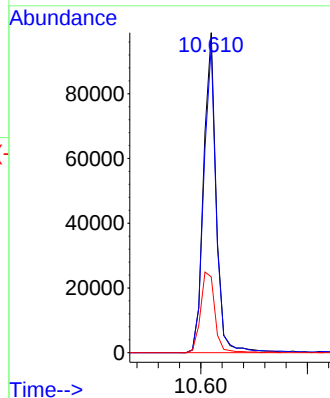
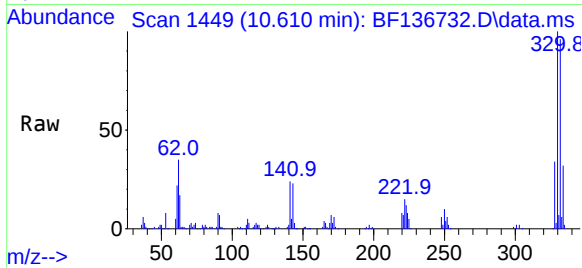
Tgt Ion:330 Resp: 81077

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 59.110 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136732.D

Acq: 26 Dec 2023 22:05

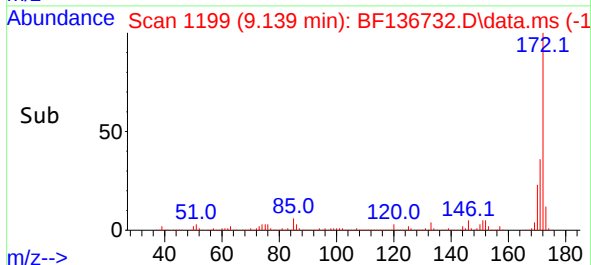
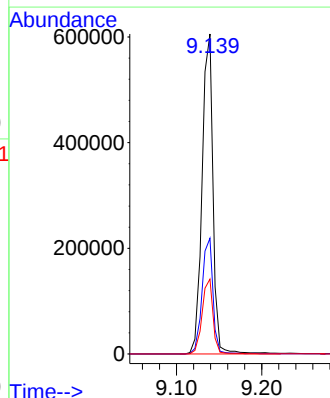
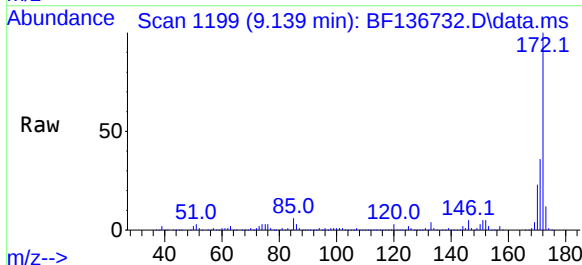
Tgt Ion:172 Resp: 540963

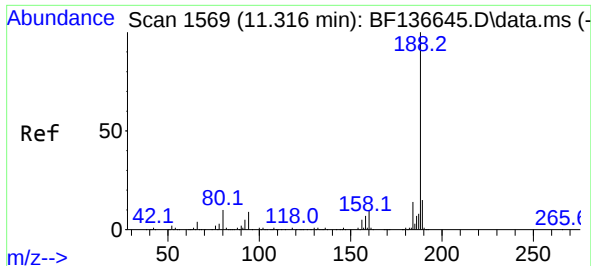
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.4 19.0 28.4

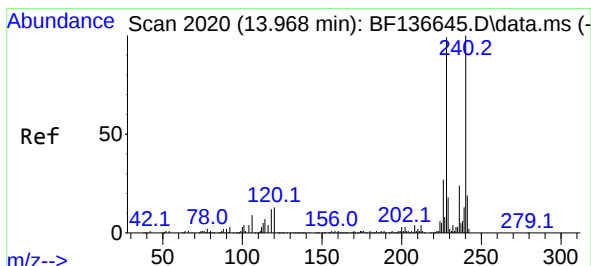
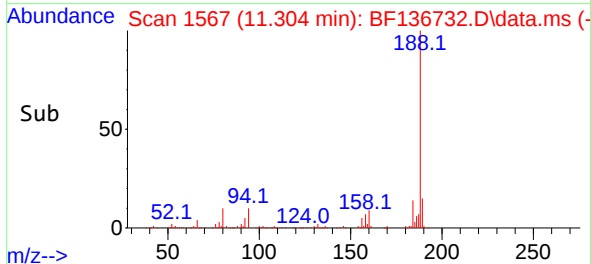
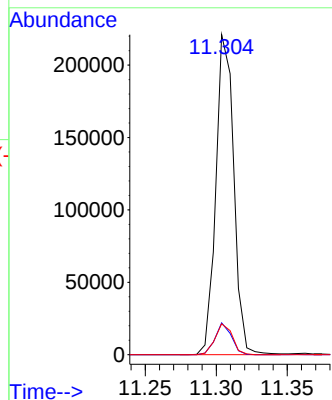
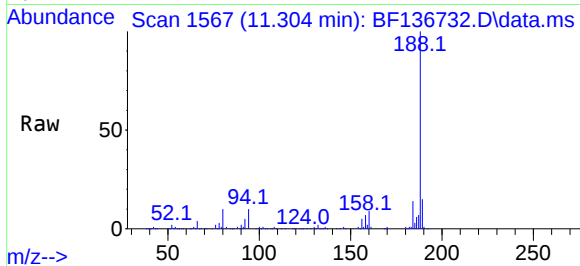




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

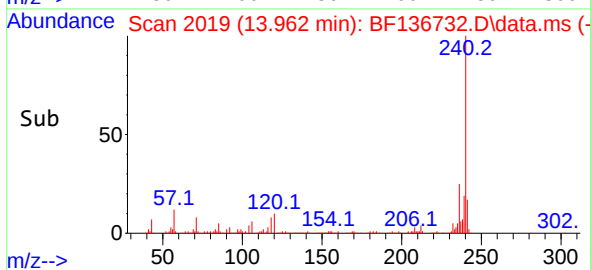
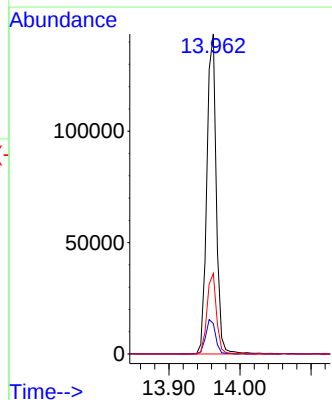
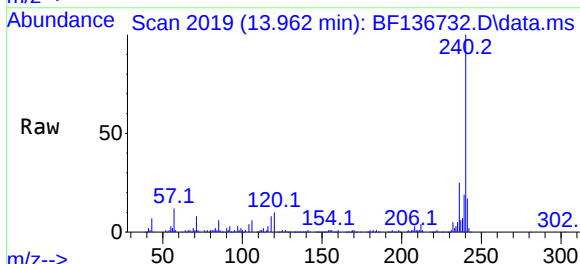
Instrument :
BNA_F
ClientSampleId :
S-2-NORTH-SIDE

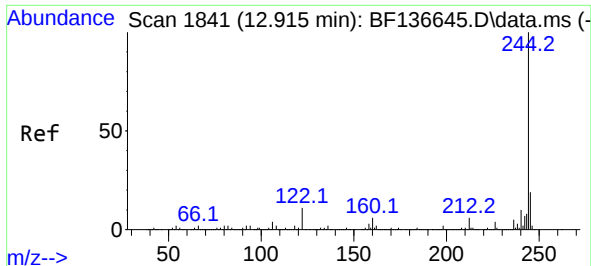
Tgt Ion:188 Resp: 193403
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Tgt Ion:240 Resp: 133366
Ion Ratio Lower Upper
240 100
120 9.5 10.3 15.5#
236 25.1 19.4 29.2

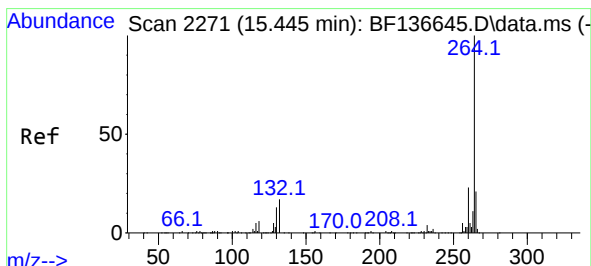
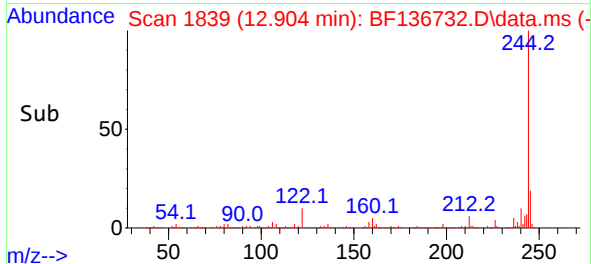
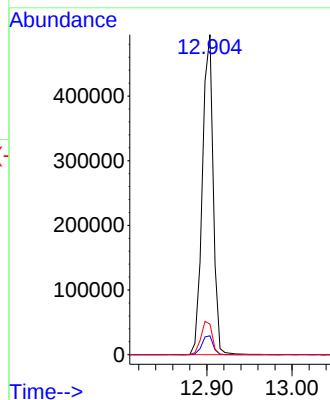
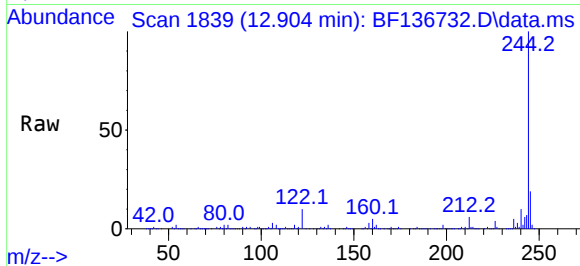




#79
 Terphenyl-d14
 Concen: 45.764 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136732.D
 Acq: 26 Dec 2023 22:05

Instrument :
 BNA_F
 ClientSampleId :
 S-2-NORTH-SIDE

Tgt Ion:244 Resp: 436744
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 9.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136732.D
 Acq: 26 Dec 2023 22:05

Tgt Ion:264 Resp: 124417
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 21.8 17.0 25.6

