

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136733.D
 Acq On : 26 Dec 2023 22:36
 Operator : CG\JU
 Sample : 05978-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N41547

Quant Time: Dec 27 04:00:17 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	73885	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	274163	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	123256	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	191972	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	147423	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	131270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	429609	90.724	ng	0.00
7) Phenol-d6	6.434	99	528862	86.192	ng	0.00
23) Nitrobenzene-d5	7.345	82	323588	60.396	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	109529	75.453	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	619370	67.586	ng	-0.01
79) Terphenyl-d14	12.904	244	469854	44.539	ng	-0.01

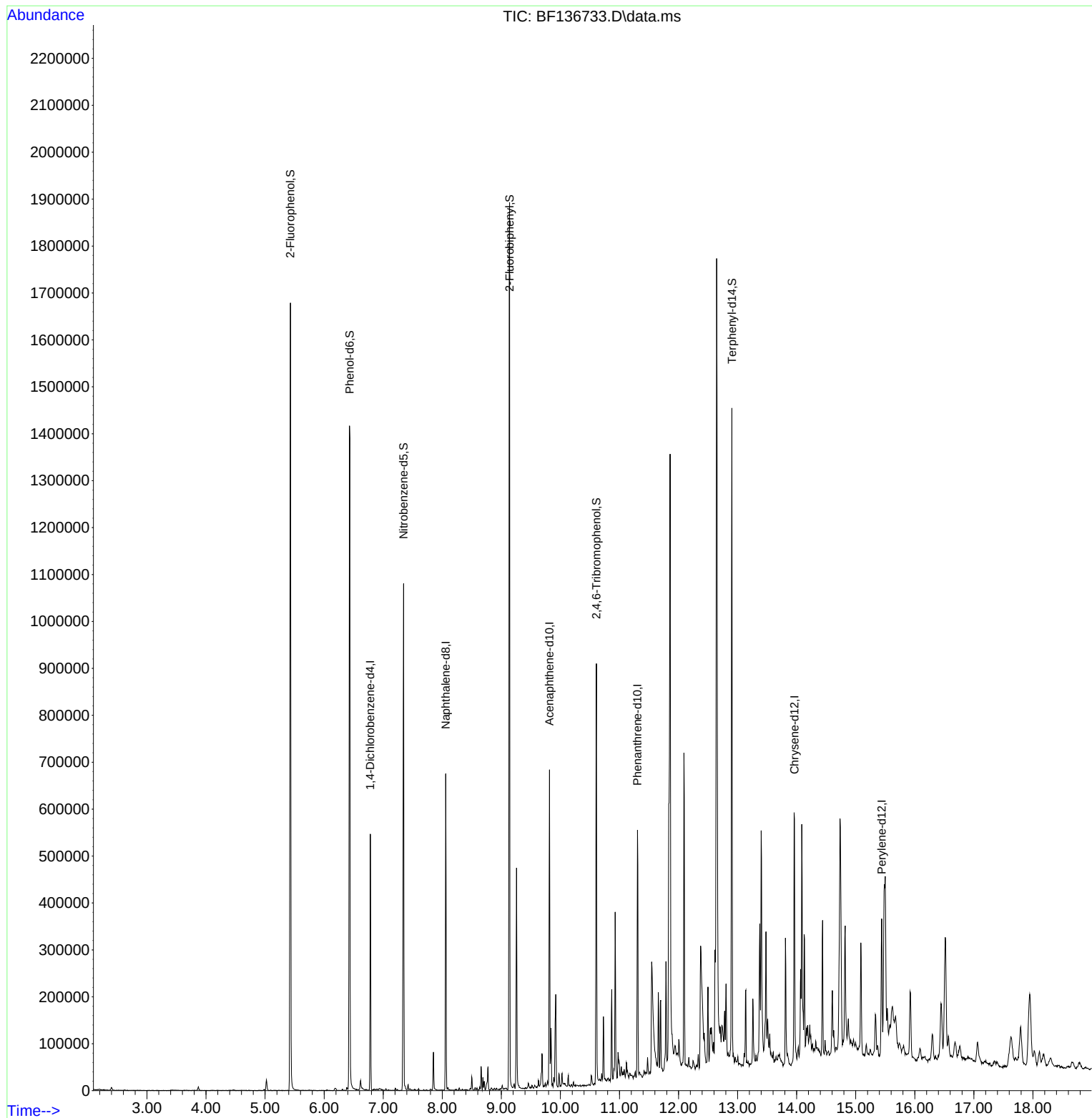
Target Compounds	Qvalue

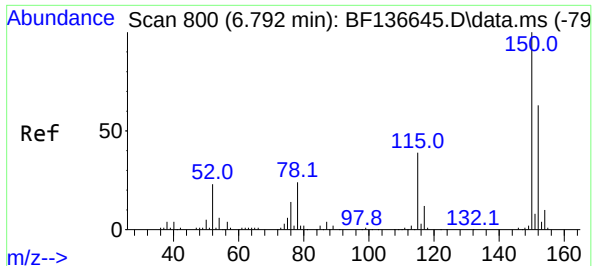
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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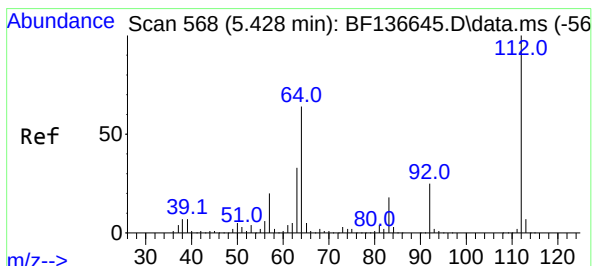
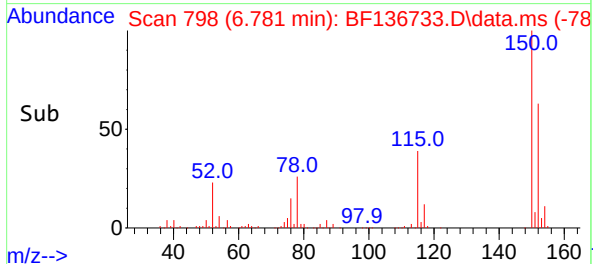
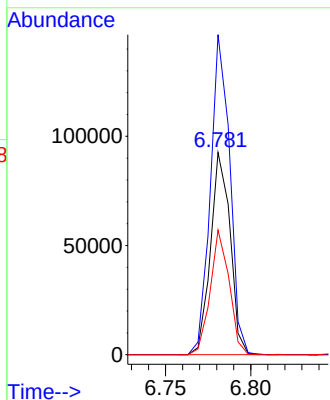
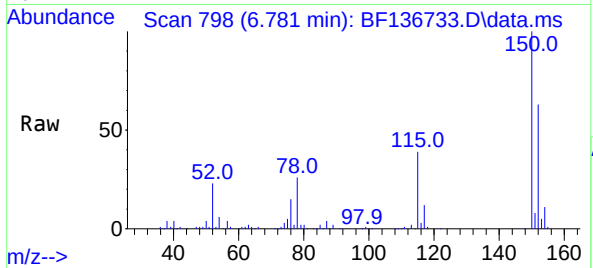




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

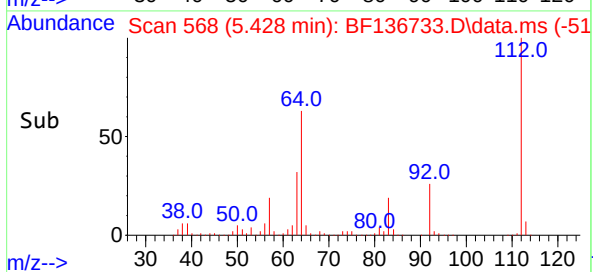
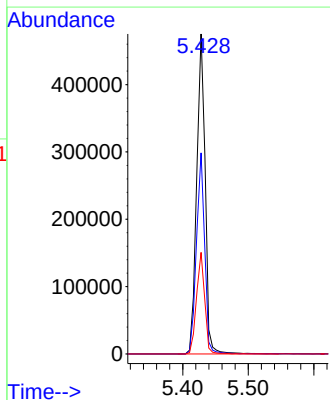
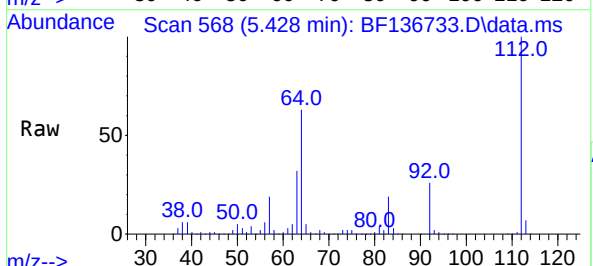
Instrument :
BNA_F
ClientSampleId :
N41547

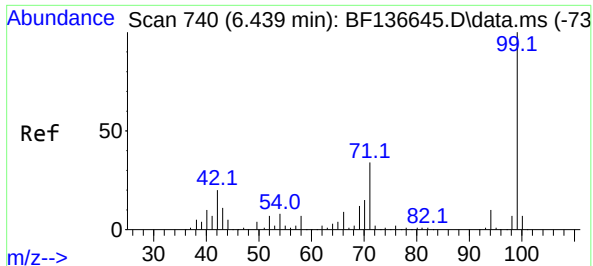
Tgt Ion:152 Resp: 73885
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 61.6 49.0 73.4



#5
2-Fluorophenol
Concen: 90.724 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

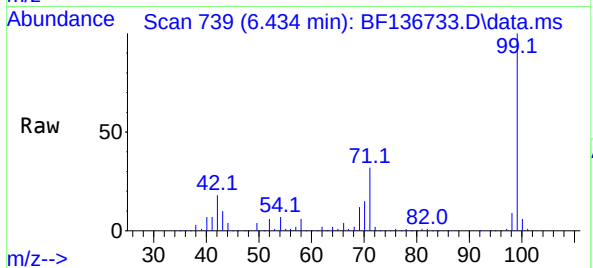
Tgt Ion:112 Resp: 429609
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 31.8 26.1 39.1





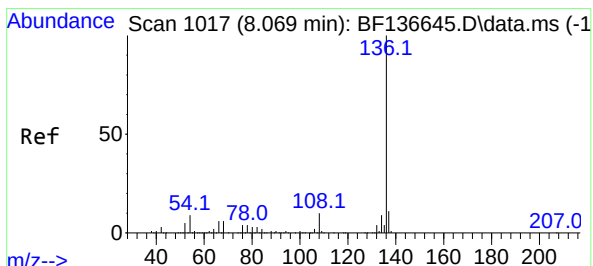
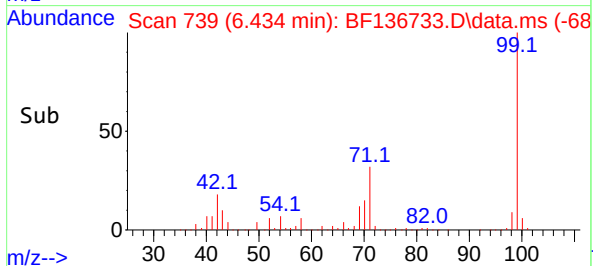
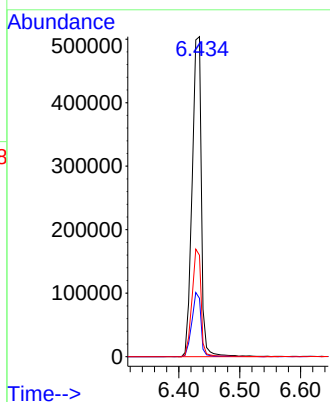
#7
Phenol-d6
Concen: 86.192 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

Instrument :
BNA_F
ClientSampleId :
N41547



Tgt Ion: 99 Resp: 528862

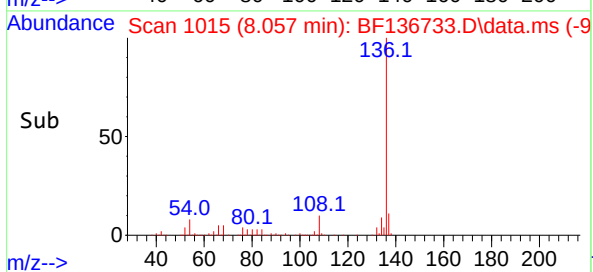
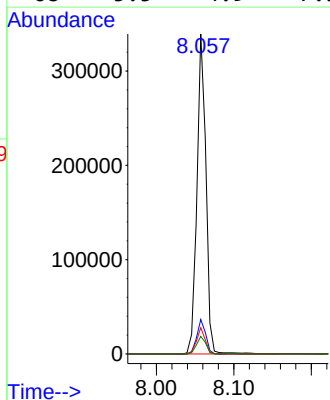
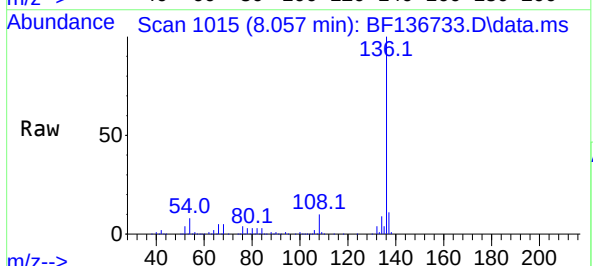
Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.1	24.1
71	31.7	27.4	41.2

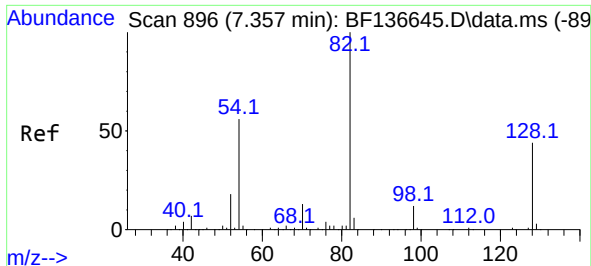


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

Tgt Ion: 136 Resp: 274163

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.2	7.2	10.8
68	5.5	4.9	7.3

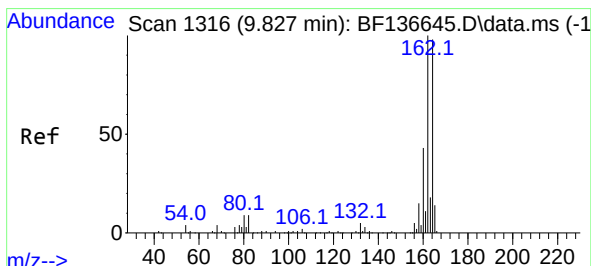
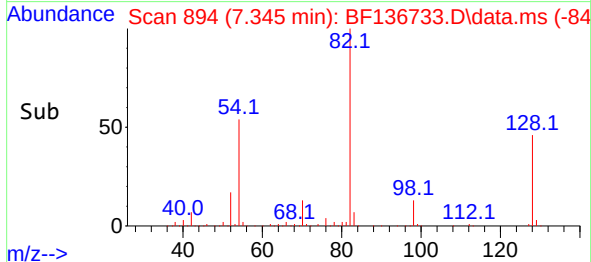
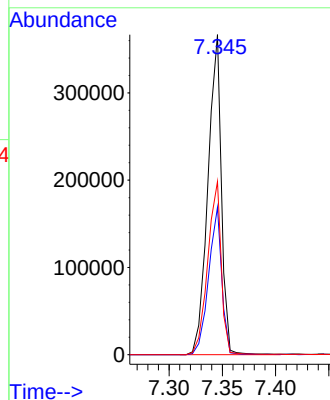
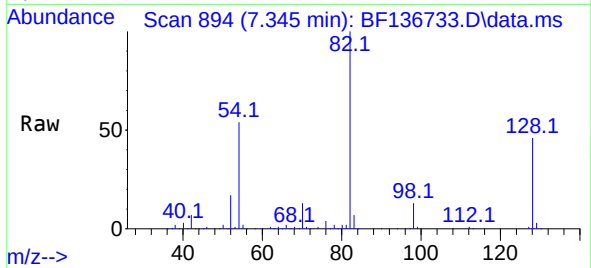




#23
Nitrobenzene-d5
Concen: 60.396 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

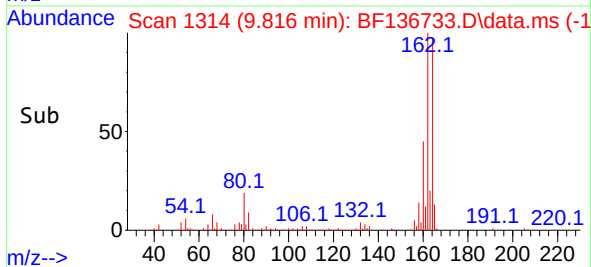
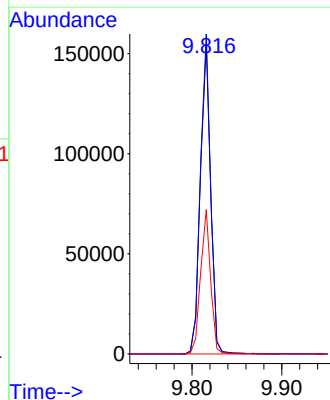
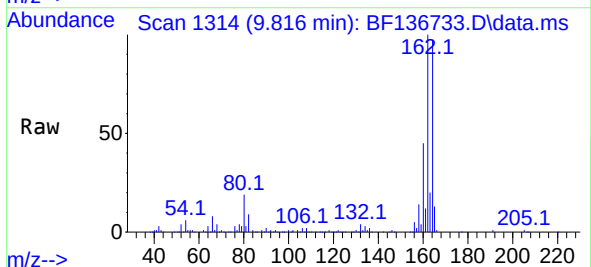
Instrument :
BNA_F
ClientSampleId :
N41547

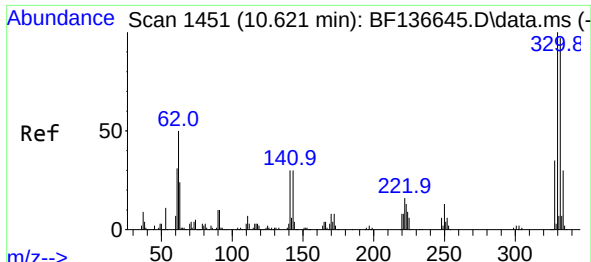
Tgt Ion: 82 Resp: 323588
Ion Ratio Lower Upper
82 100
128 46.1 35.3 52.9
54 54.1 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

Tgt Ion: 164 Resp: 123256
Ion Ratio Lower Upper
164 100
162 103.5 81.6 122.4
160 46.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 75.453 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136733.D

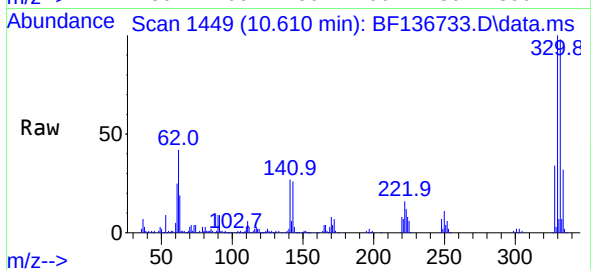
Acq: 26 Dec 2023 22:36

Instrument :

BNA_F

ClientSampleId :

N41547



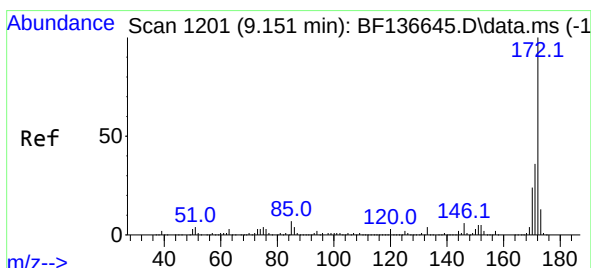
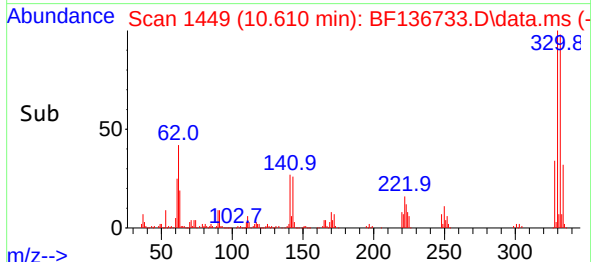
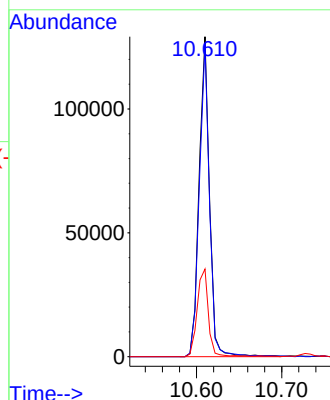
Tgt Ion:330 Resp: 109529

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 29.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 67.586 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136733.D

Acq: 26 Dec 2023 22:36

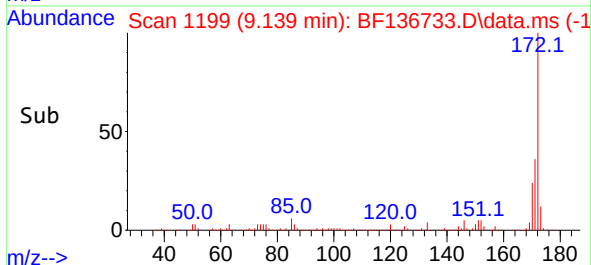
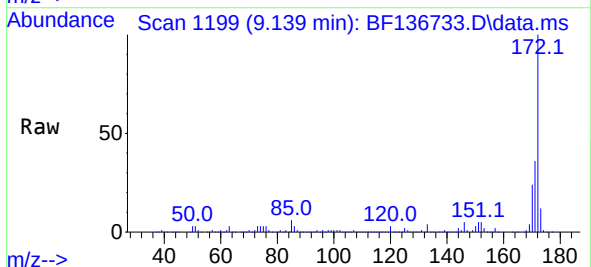
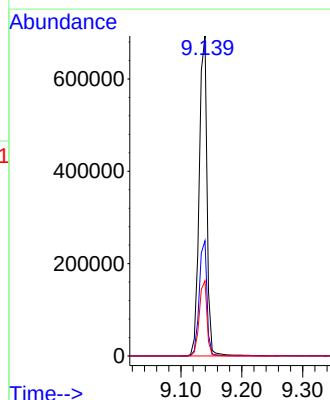
Tgt Ion:172 Resp: 619370

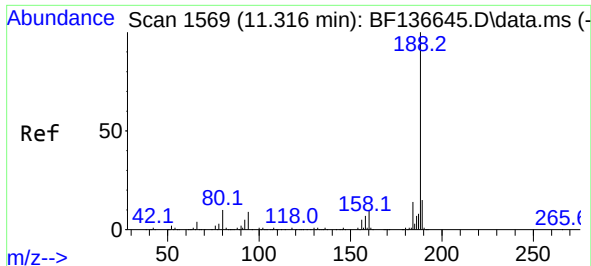
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.5 19.0 28.4

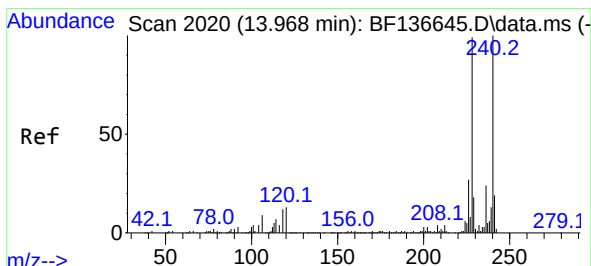
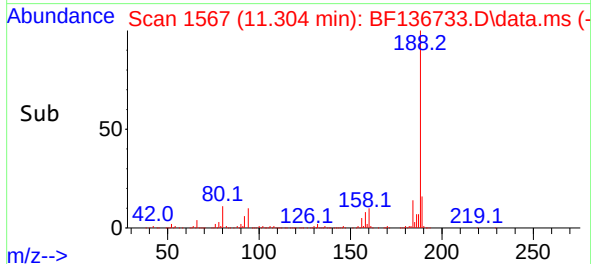
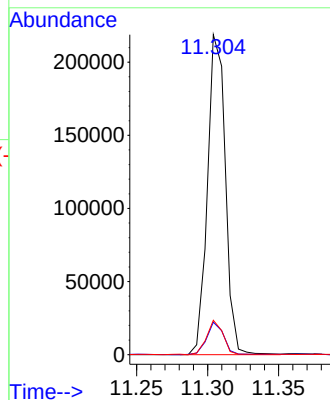
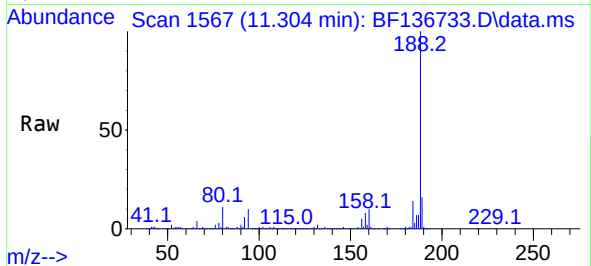




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

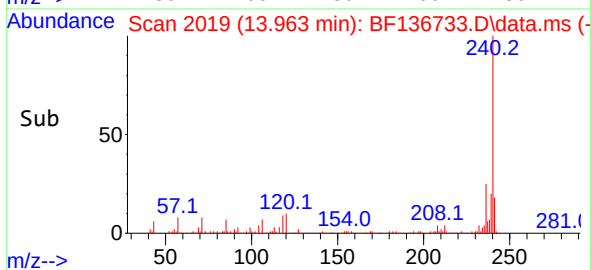
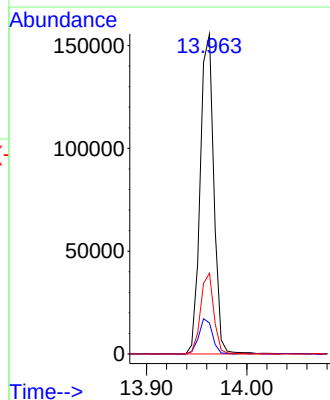
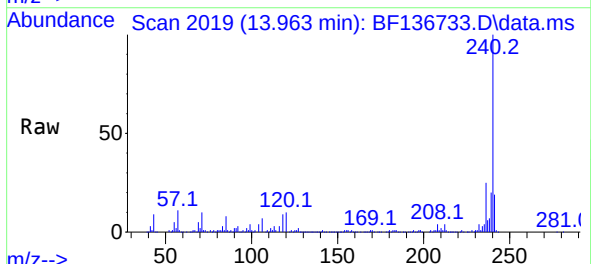
Instrument :
BNA_F
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N41547

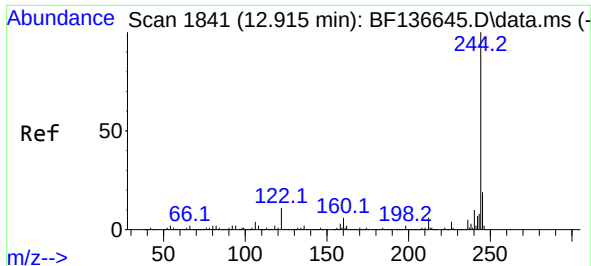
Tgt Ion:188 Resp: 191972
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 10.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

Tgt Ion:240 Resp: 147423
Ion Ratio Lower Upper
240 100
120 9.7 10.3 15.5#
236 25.2 19.4 29.2

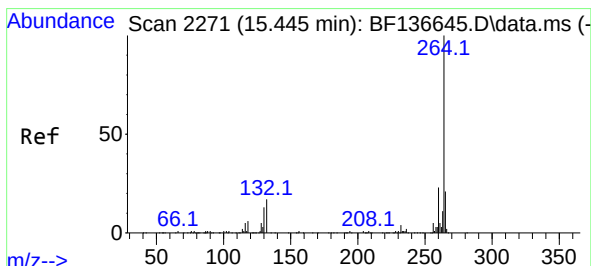
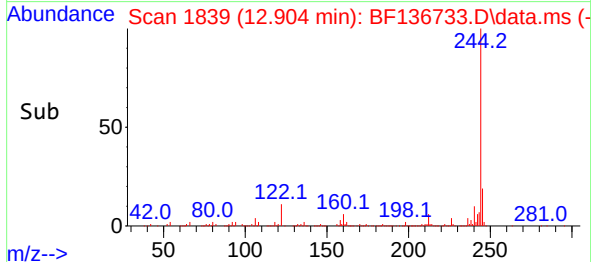
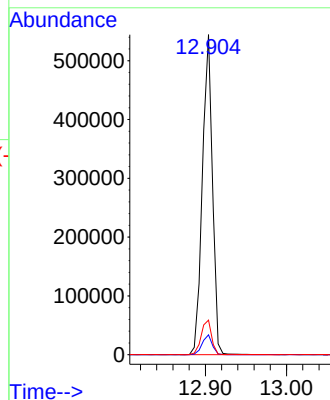
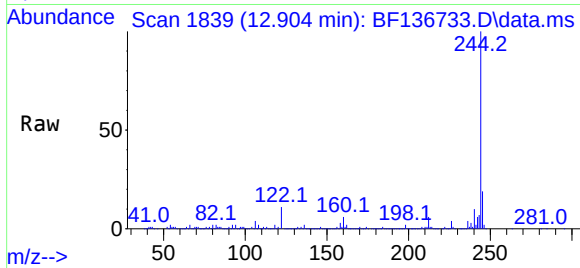




#79
Terphenyl-d14
Concen: 44.539 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

Instrument :
BNA_F
ClientSampleId :
N41547

Tgt Ion:244 Resp: 469854
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.8 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: BF136733.D
Acq: 26 Dec 2023 22:36

Tgt Ion:264 Resp: 131270
Ion Ratio Lower Upper
264 100
260 22.5 18.3 27.5
265 19.8 17.0 25.6

