

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136719.D
 Acq On : 26 Dec 2023 15:03
 Operator : CG\JU
 Sample : 05921-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231218

Quant Time: Dec 26 16:01:59 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	68089	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	246569	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	117494	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	194283	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	142591	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	124346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	177773	40.737	ng	0.00
7) Phenol-d6	6.428	99	123723	21.880	ng	-0.01
23) Nitrobenzene-d5	7.345	82	392432	81.442	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	139683	100.945	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	745148	85.299	ng	-0.01
79) Terphenyl-d14	12.904	244	615131	60.286	ng	-0.01

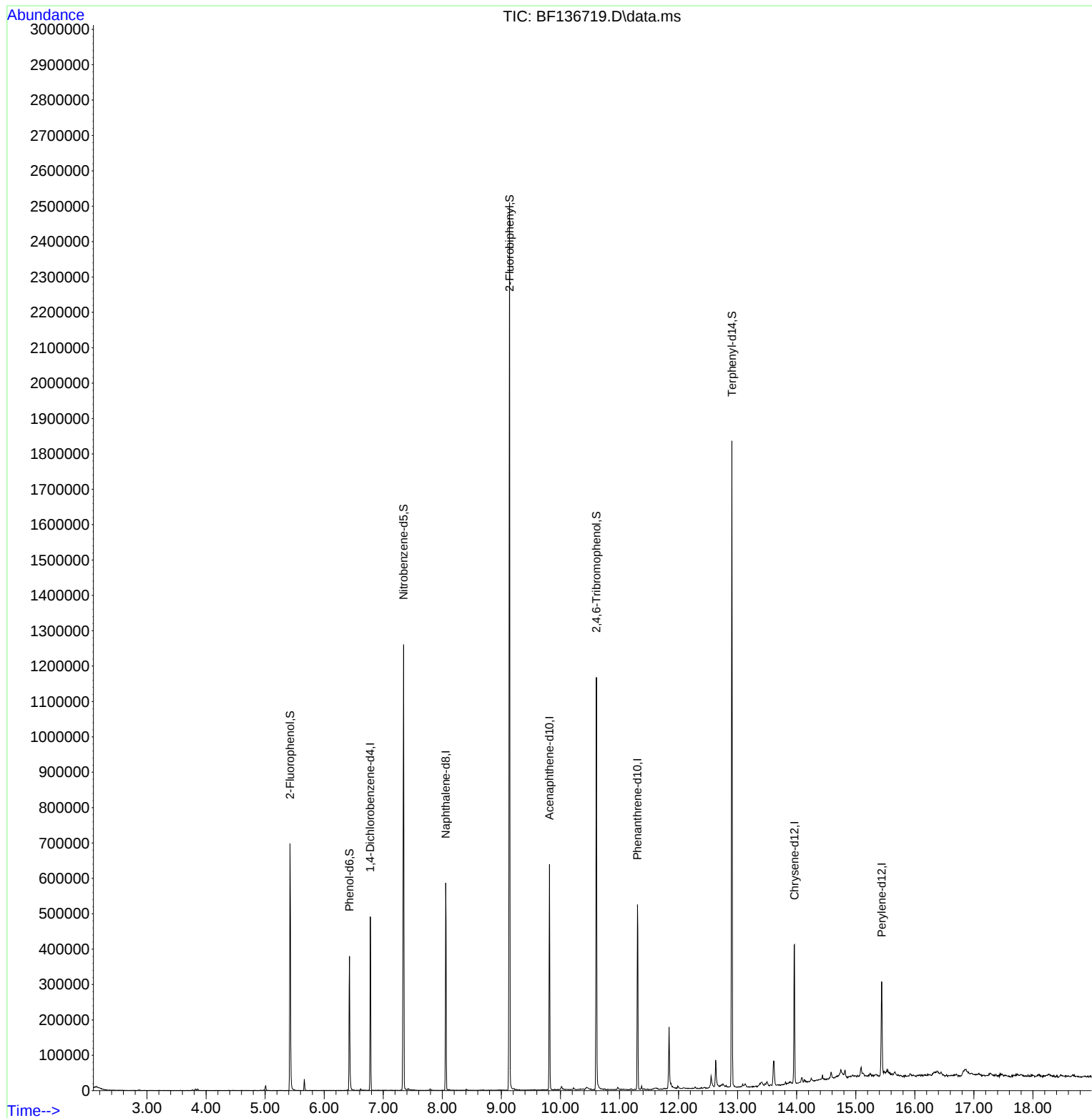
Target Compounds	Qvalue

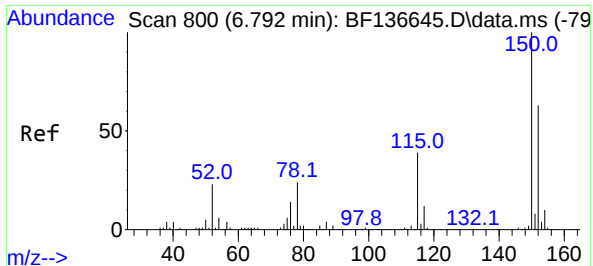
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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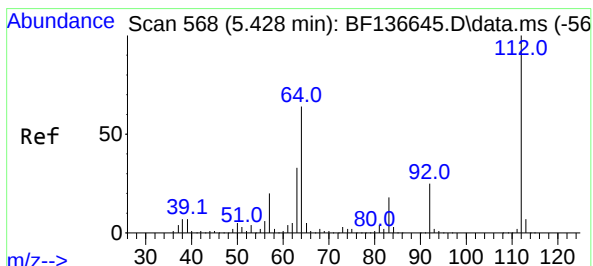
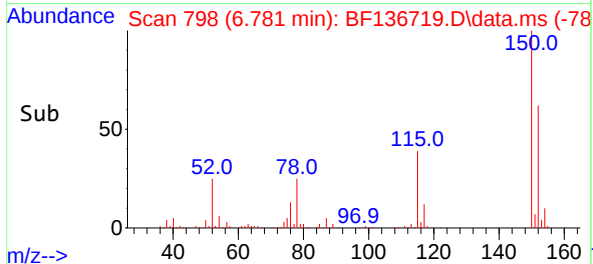
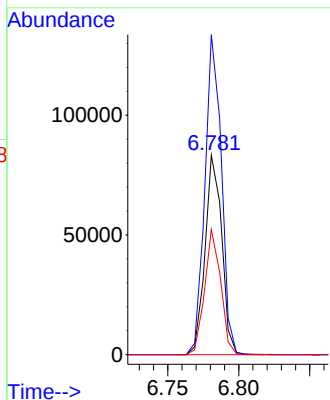
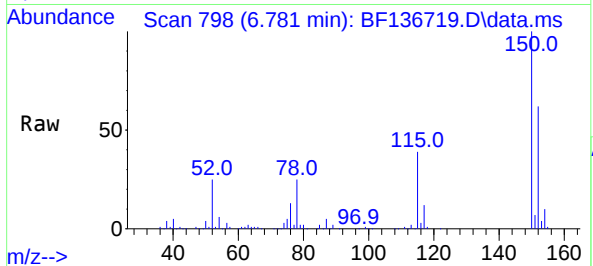




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136719.D
Acq: 26 Dec 2023 15:03

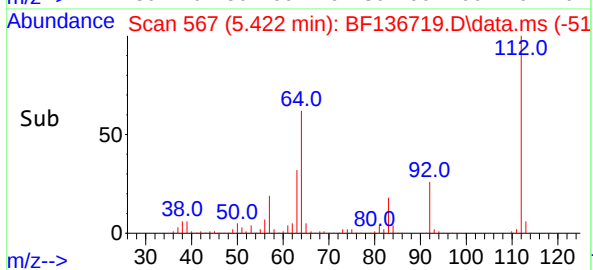
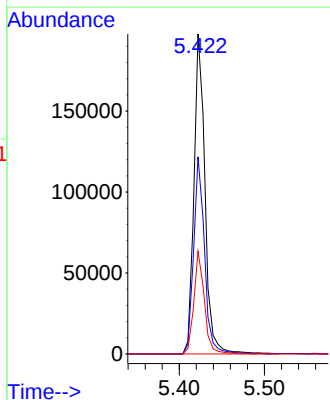
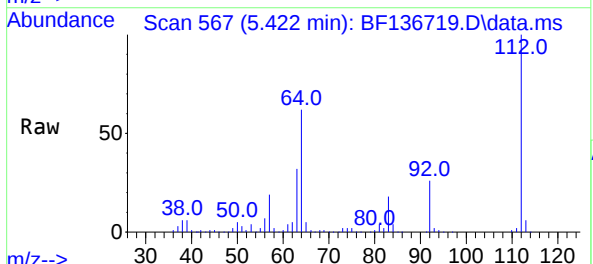
Instrument :
BNA_F
ClientSampleId :
SP-303-20231218

Tgt Ion:152 Resp: 68089
Ion Ratio Lower Upper
152 100
150 160.5 127.0 190.6
115 62.8 49.0 73.4

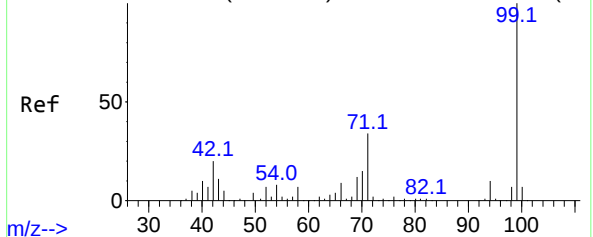


#5
2-Fluorophenol
Concen: 40.737 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136719.D
Acq: 26 Dec 2023 15:03

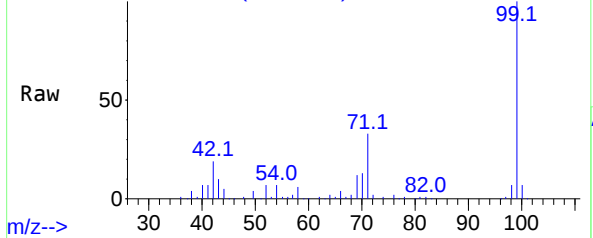
Tgt Ion:112 Resp: 177773
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 32.1 26.1 39.1



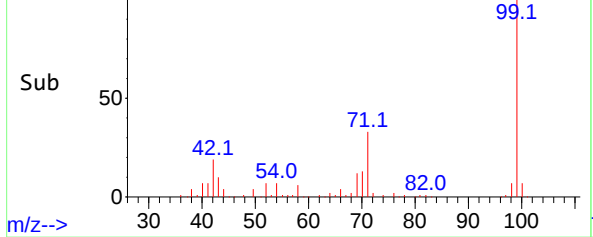
Abundance Scan 740 (6.439 min): BF136645.D\data.ms (-73



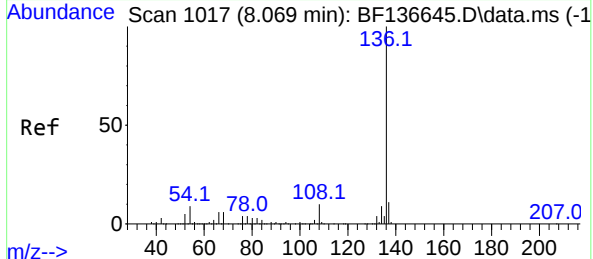
m/z--> Scan 738 (6.428 min): BF136719.D\data.ms



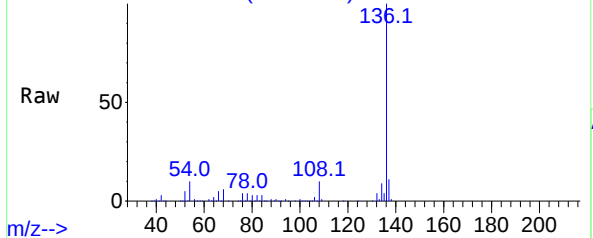
Abundance Scan 738 (6.428 min): BF136719.D\data.ms (-68



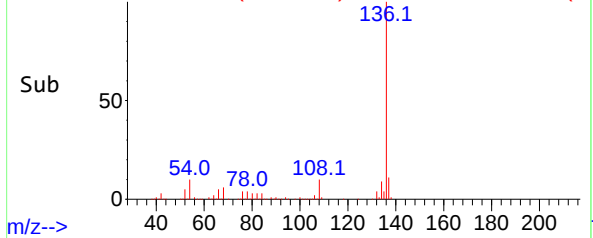
m/z--> Scan 1017 (8.069 min): BF136645.D\data.ms (-1



m/z--> Scan 1015 (8.057 min): BF136719.D\data.ms



Abundance Scan 1015 (8.057 min): BF136719.D\data.ms (-9



m/z--> Scan 1015 (8.057 min): BF136719.D\data.ms (-9

#7

Phenol-d6

Concen: 21.880 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136719.D

Acq: 26 Dec 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SP-303-20231218

Tgt Ion: 99 Resp: 123723

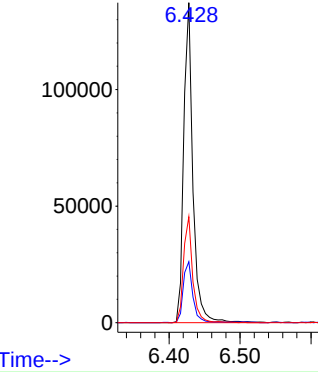
Ion Ratio Lower Upper

99 100

42 19.1 16.1 24.1

71 33.1 27.4 41.2

Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF136719.D

Acq: 26 Dec 2023 15:03

Tgt Ion:136 Resp: 246569

Ion Ratio Lower Upper

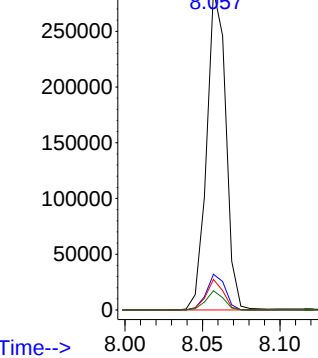
136 100

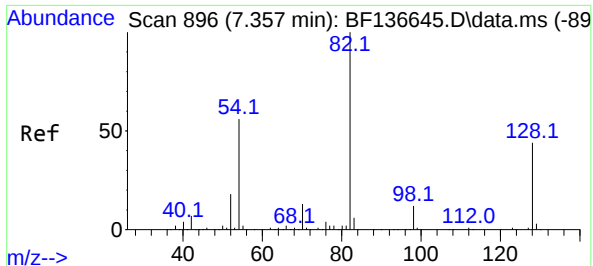
137 11.2 9.0 13.4

54 9.5 7.2 10.8

68 6.0 4.9 7.3

Abundance





#23

Nitrobenzene-d5

Concen: 81.442 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136719.D

Acq: 26 Dec 2023 15:03

Instrument :

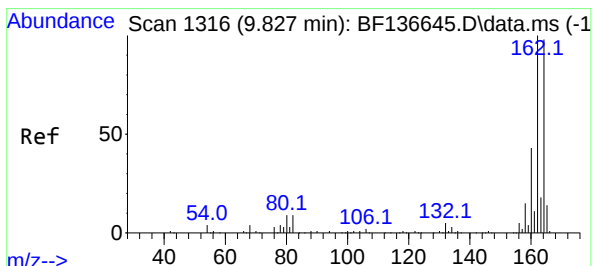
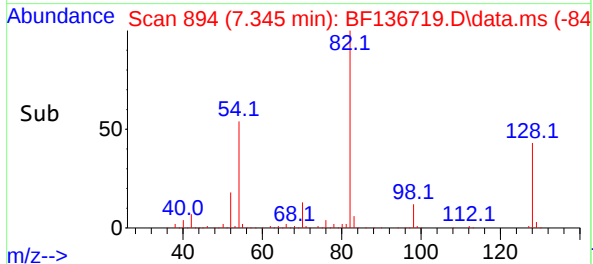
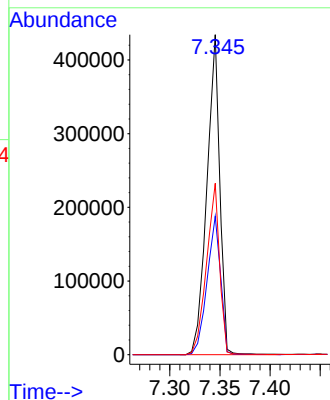
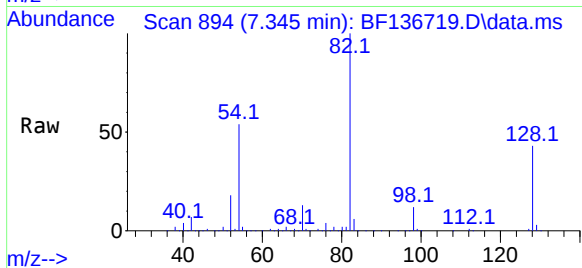
BNA_F

ClientSampleId :

SP-303-20231218

Tgt Ion: 82 Resp: 392432

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.3	52.9
54	53.6	44.5	66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

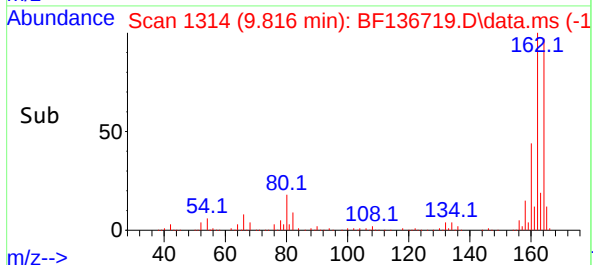
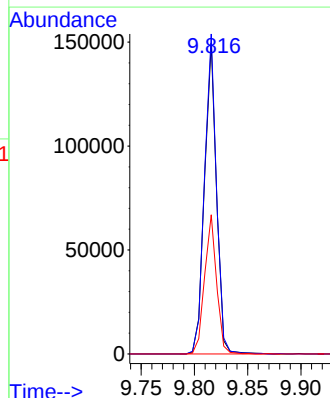
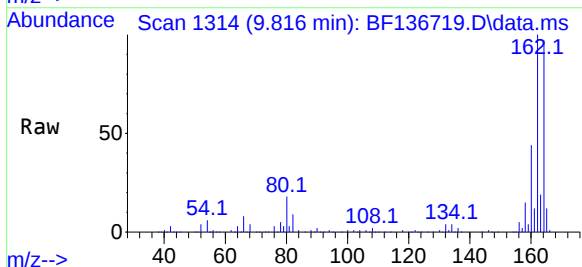
Delta R.T. -0.012 min

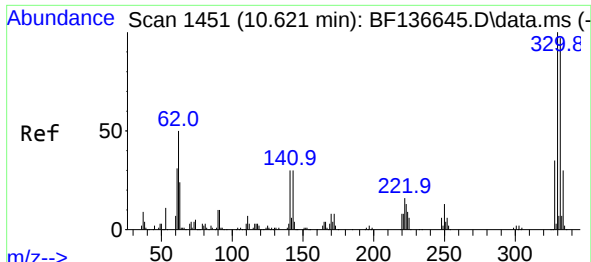
Lab File: BF136719.D

Acq: 26 Dec 2023 15:03

Tgt Ion:164 Resp: 117494

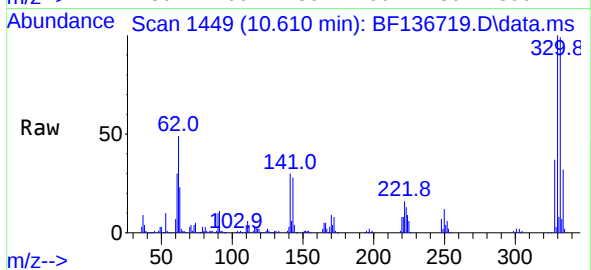
Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.6	122.4
160	44.8	34.9	52.3



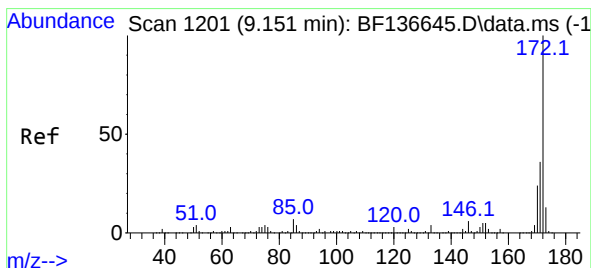
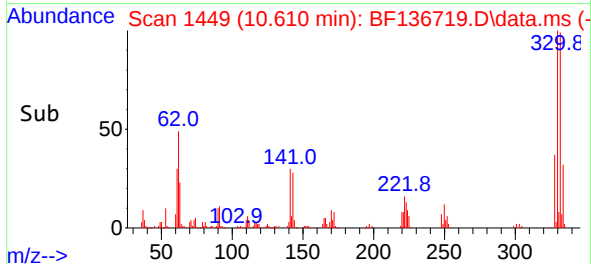
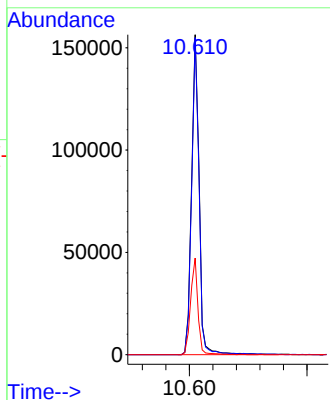


#42
2,4,6-Tribromophenol
Concen: 100.945 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136719.D
Acq: 26 Dec 2023 15:03

Instrument :
BNA_F
ClientSampleId :
SP-303-20231218

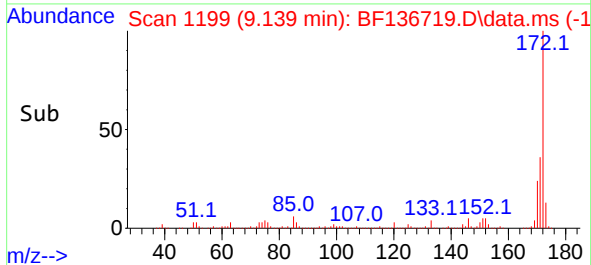
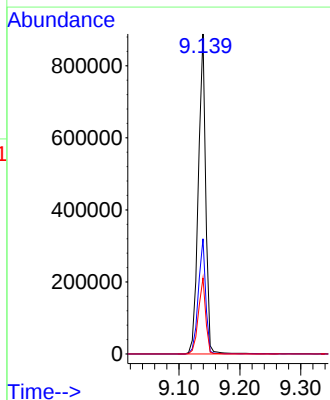
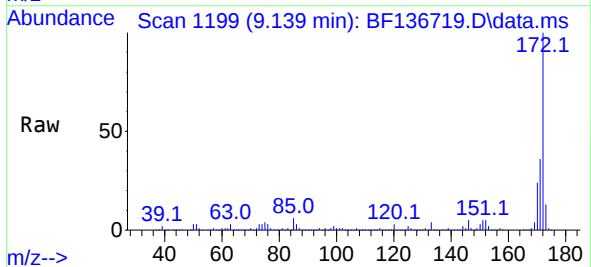


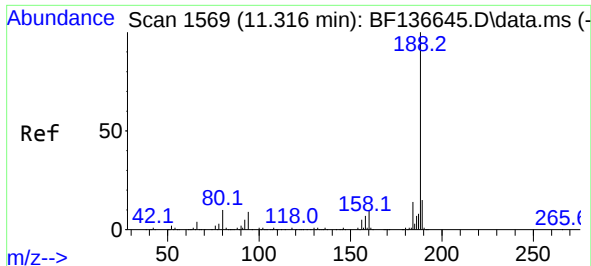
Tgt Ion:330 Resp: 139683
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 29.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 85.299 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136719.D
Acq: 26 Dec 2023 15:03

Tgt Ion:172 Resp: 745148
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.8 19.0 28.4

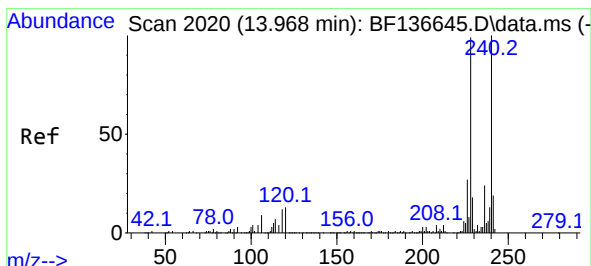
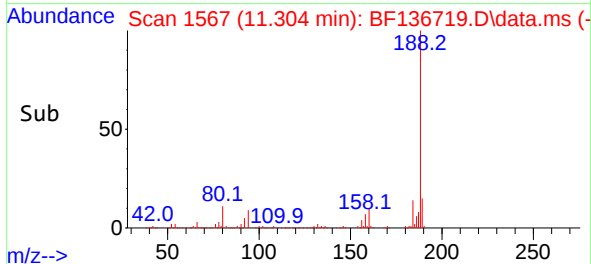
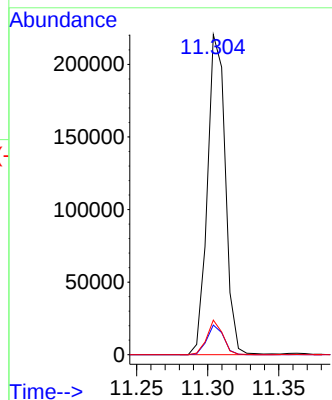
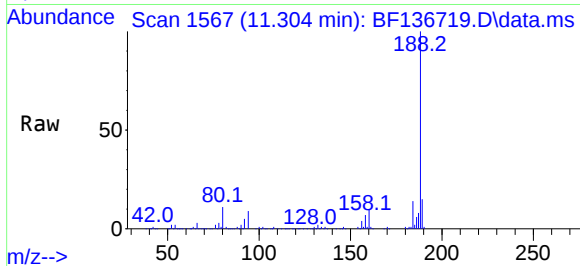




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136719.D
Acq: 26 Dec 2023 15:03

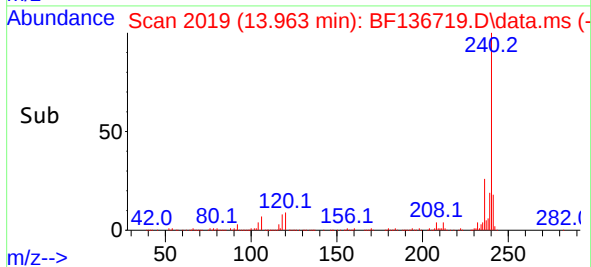
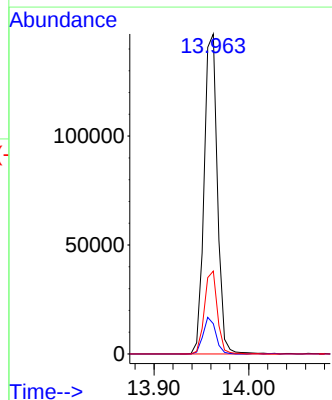
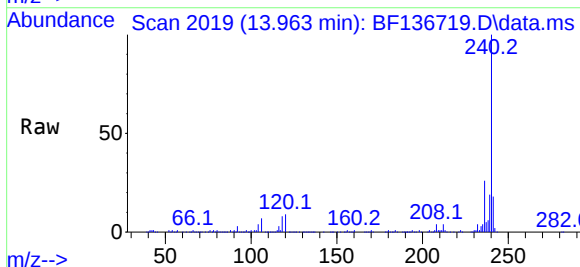
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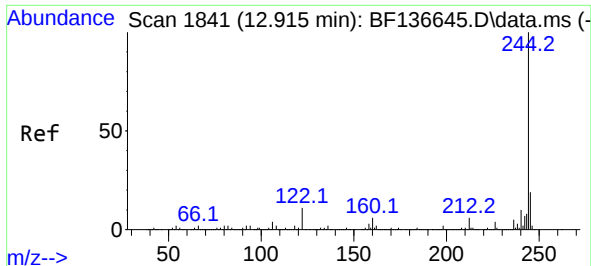
Tgt Ion:188 Resp: 194283
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136719.D
Acq: 26 Dec 2023 15:03

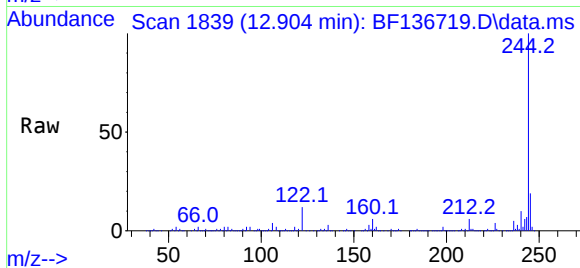
Tgt Ion:240 Resp: 142591
Ion Ratio Lower Upper
240 100
120 9.4 10.3 15.5#
236 25.9 19.4 29.2



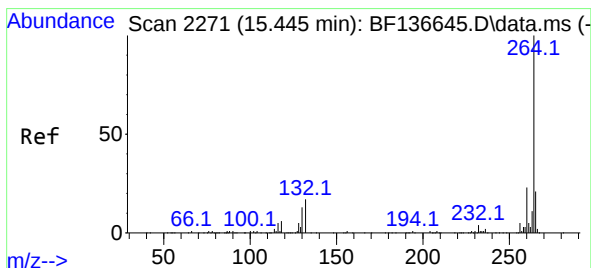
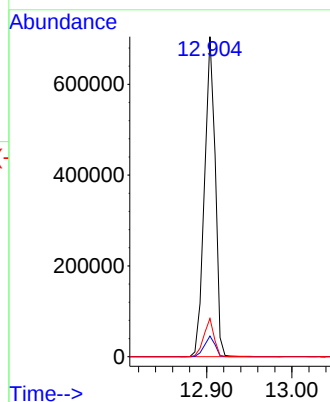
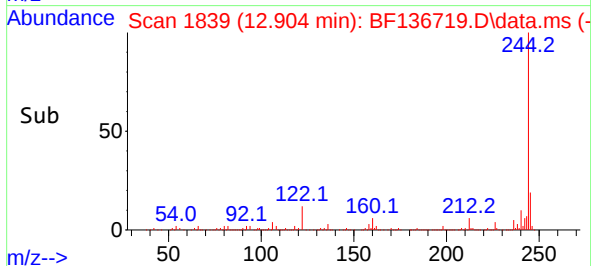


#79
 Terphenyl-d14
 Concen: 60.286 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136719.D
 Acq: 26 Dec 2023 15:03

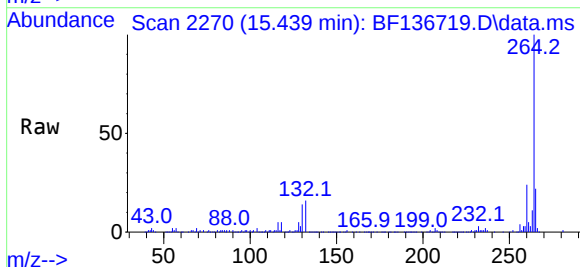
Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231218



Tgt Ion:244 Resp: 615131
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.9 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: BF136719.D
 Acq: 26 Dec 2023 15:03



Tgt Ion:264 Resp: 124346
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 21.7 17.0 25.6

