

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136805.D
 Acq On : 28 Dec 2023 21:22
 Operator : CG\JU
 Sample : 05926-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-3.7-4.7

Quant Time: Dec 28 23:31:29 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	70642	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	267639	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	126729	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	204796	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	135362	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	148609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	391414	86.452	ng	0.00
7) Phenol-d6	6.428	99	488681	83.300	ng	-0.01
23) Nitrobenzene-d5	7.339	82	303505	58.028	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	103277	69.197	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	578311	61.377	ng	-0.02
79) Terphenyl-d14	12.898	244	433806	44.786	ng	-0.02

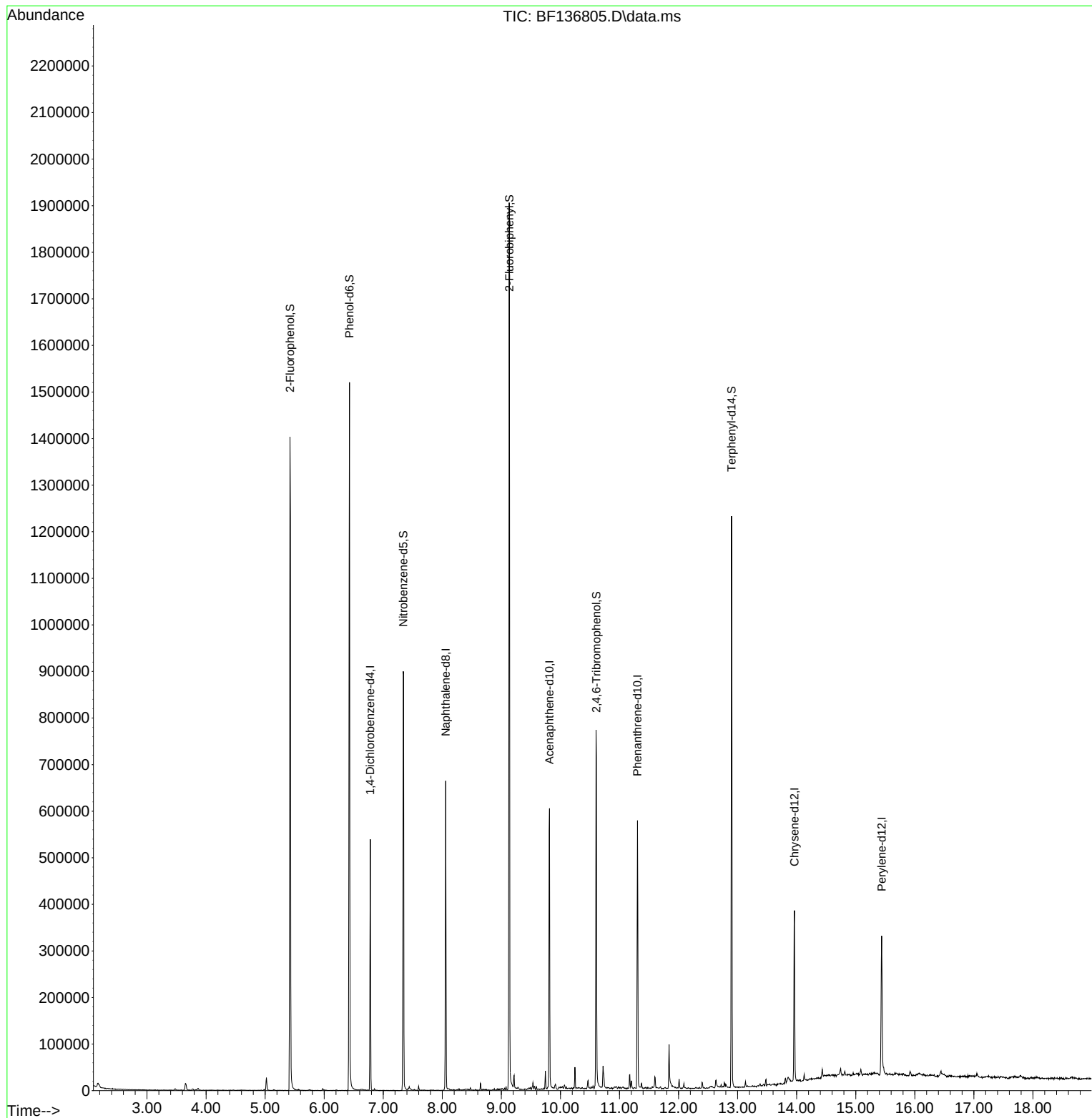
Target Compounds	Qvalue

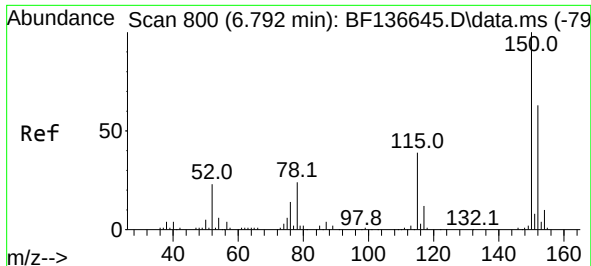
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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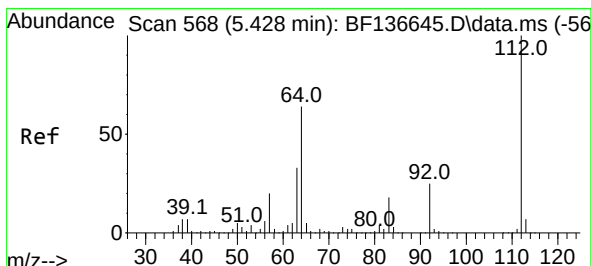
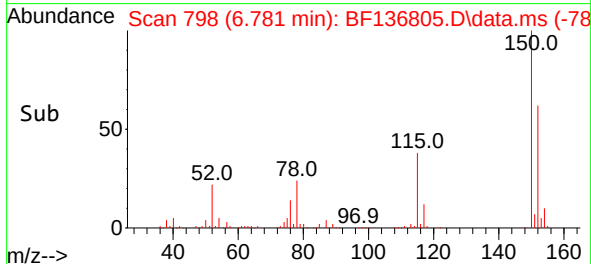
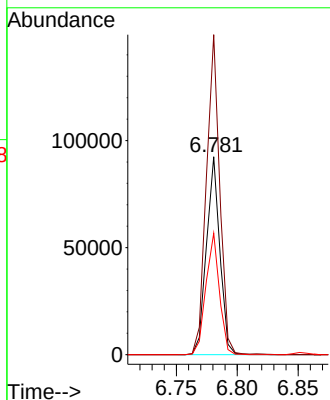
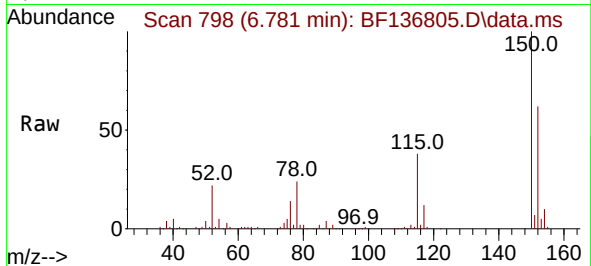




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

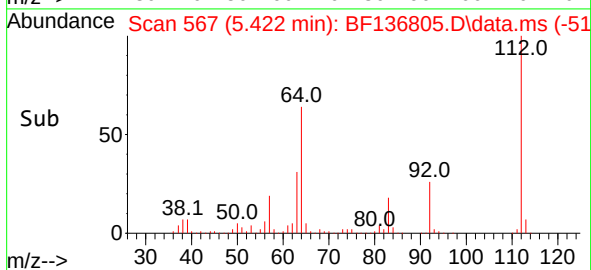
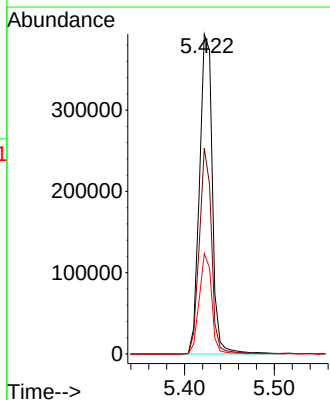
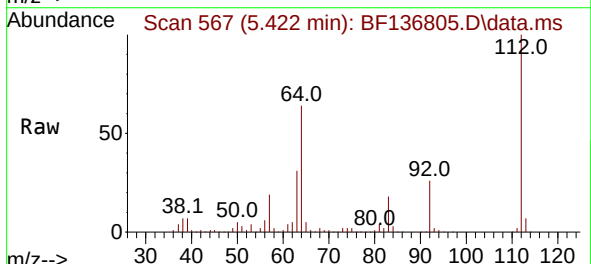
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

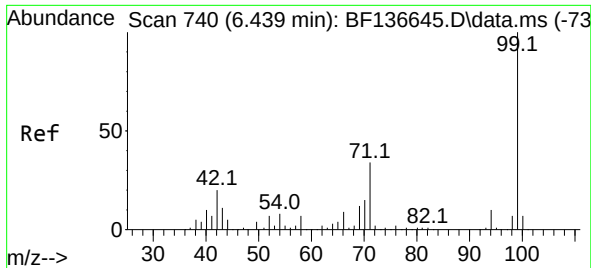
Tgt Ion:152 Resp: 70642
Ion Ratio Lower Upper
152 100
150 161.6 127.0 190.6
115 61.4 49.0 73.4



#5
2-Fluorophenol
Concen: 86.452 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

Tgt Ion:112 Resp: 391414
Ion Ratio Lower Upper
112 100
64 64.3 51.1 76.7
63 31.4 26.1 39.1

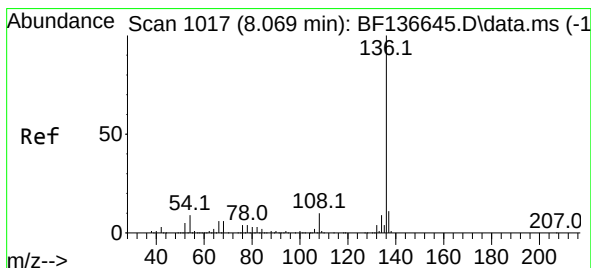
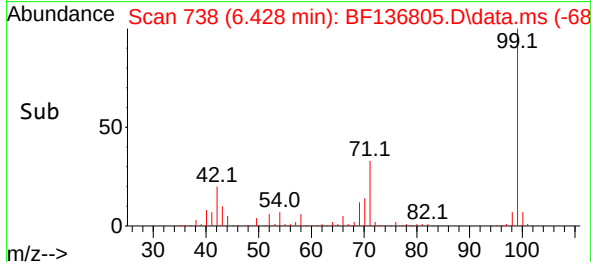
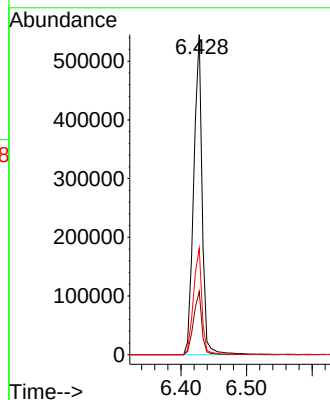
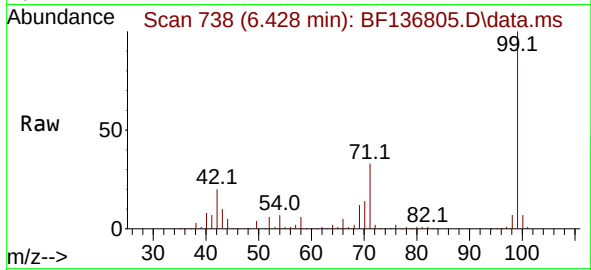




#7
Phenol-d6
Concen: 83.300 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

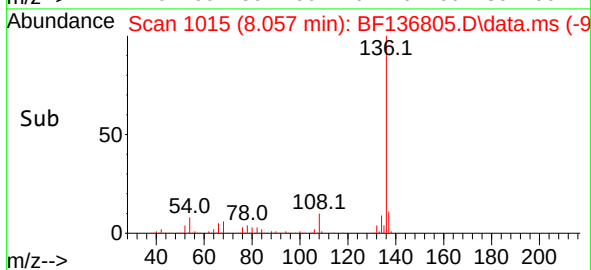
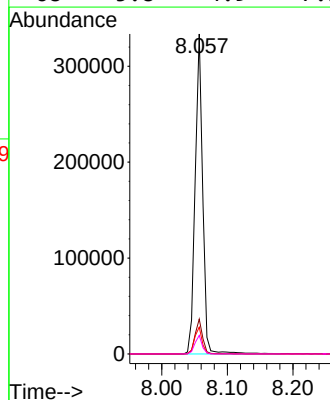
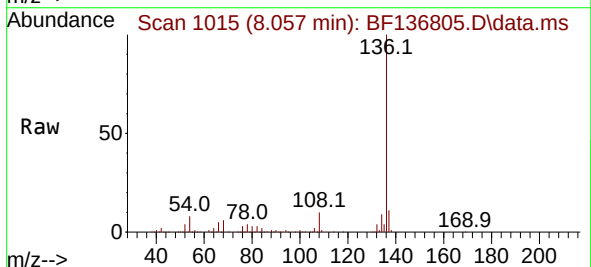
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

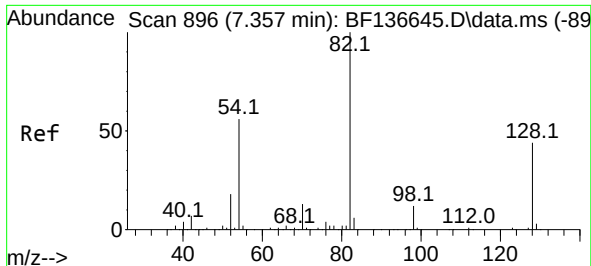
Tgt Ion: 99 Resp: 488681
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.2 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

Tgt Ion: 136 Resp: 267639
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.4 7.2 10.8
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 58.028 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136805.D

Acq: 28 Dec 2023 21:22

Instrument :

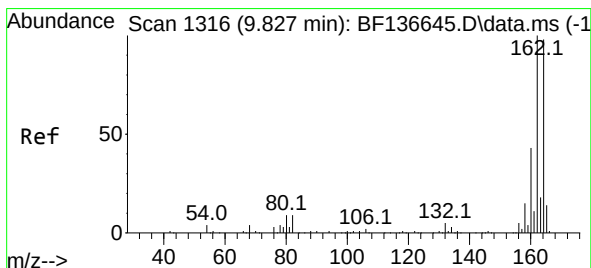
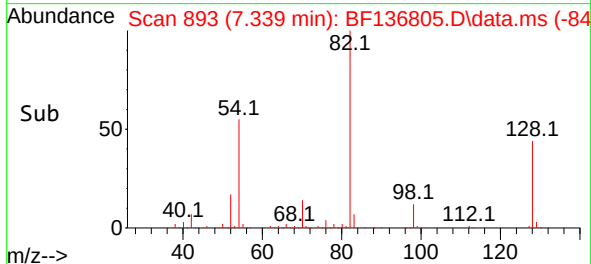
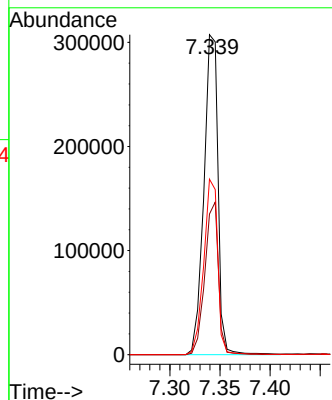
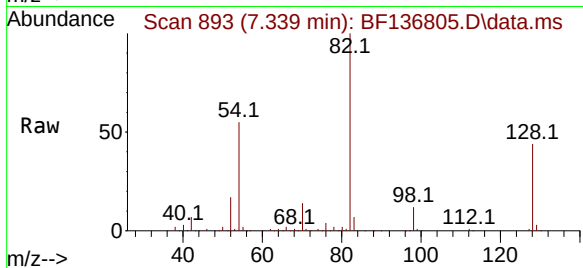
BNA_F

ClientSampleId :

MR-319-3.7-4.7

Tgt Ion: 82 Resp: 303505

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.3	52.9
54	54.9	44.5	66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

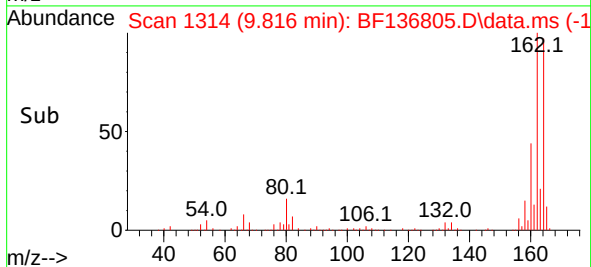
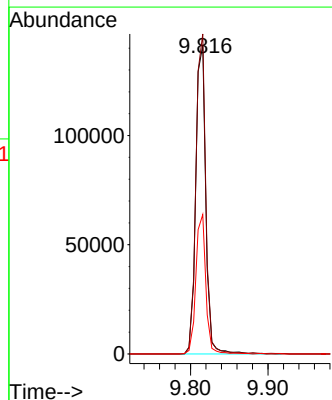
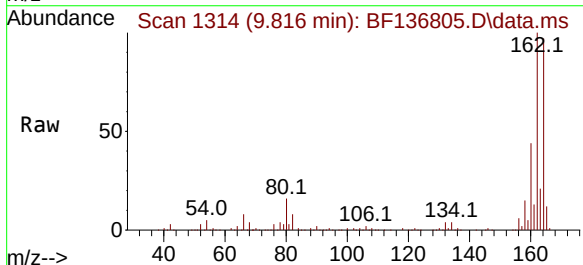
Delta R.T. -0.012 min

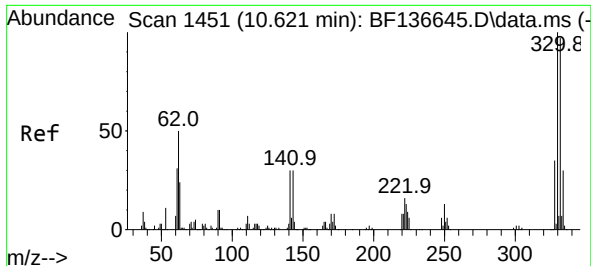
Lab File: BF136805.D

Acq: 28 Dec 2023 21:22

Tgt Ion:164 Resp: 126729

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.6	122.4
160	45.1	34.9	52.3

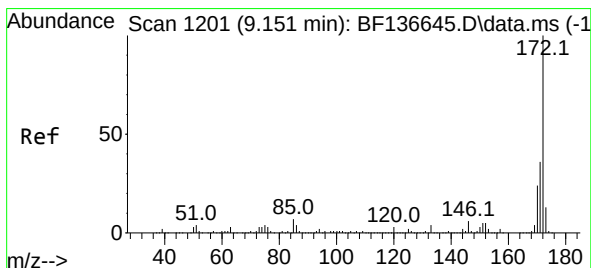
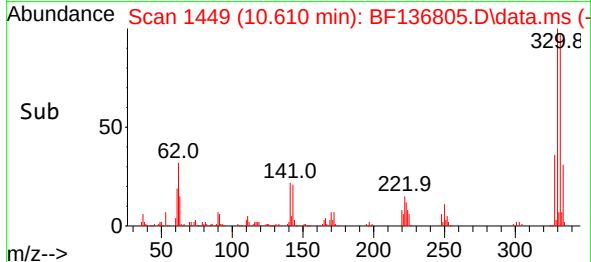
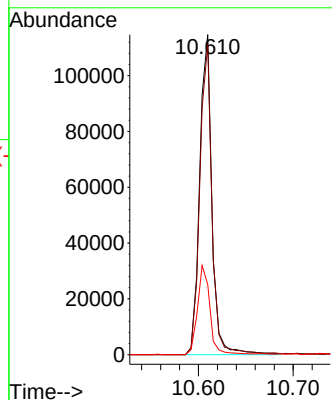
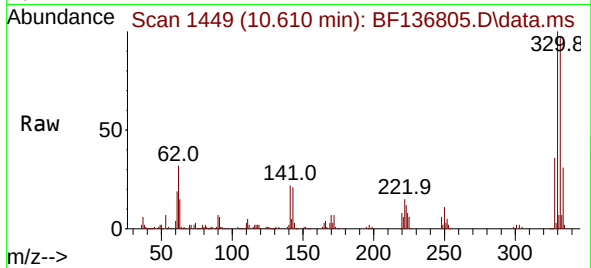




#42
2,4,6-Tribromophenol
Concen: 69.197 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

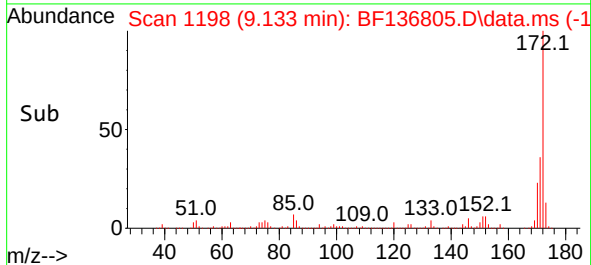
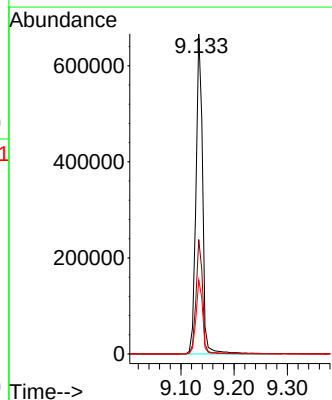
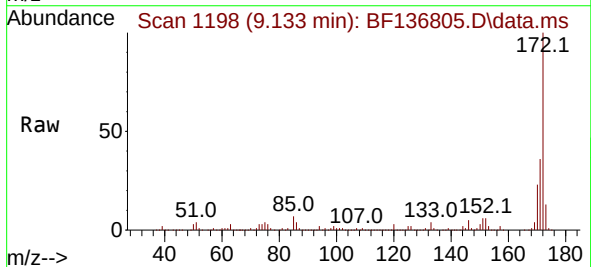
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

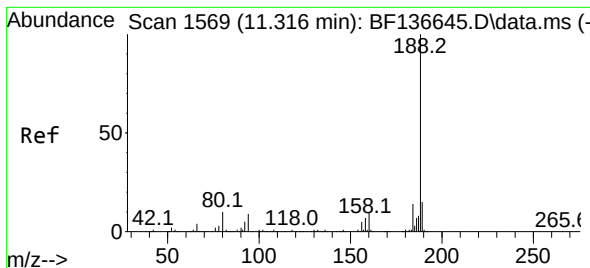
Tgt Ion:330 Resp: 103277
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 28.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 61.377 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

Tgt Ion:172 Resp: 578311
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136805.D

Acq: 28 Dec 2023 21:22

Instrument :

BNA_F

ClientSampleId :

MR-319-3.7-4.7

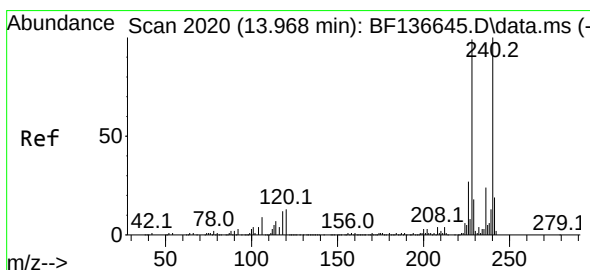
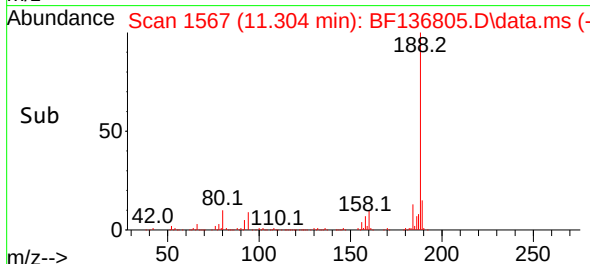
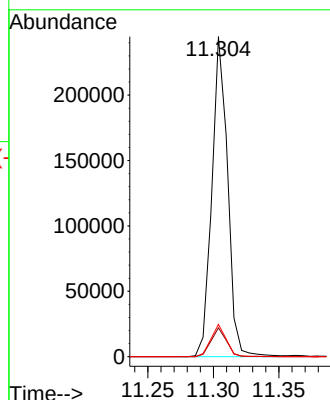
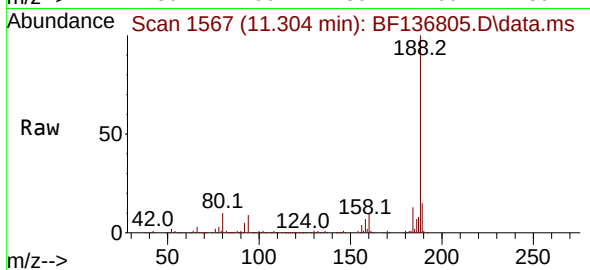
Tgt Ion:188 Resp: 204796

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.1 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: BF136805.D

Acq: 28 Dec 2023 21:22

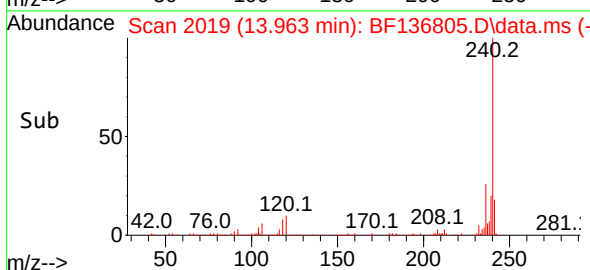
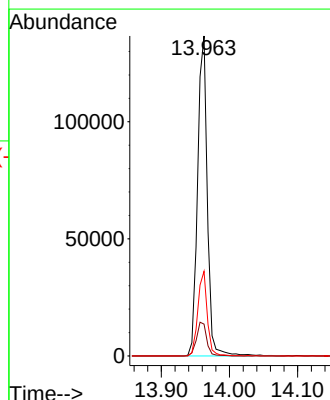
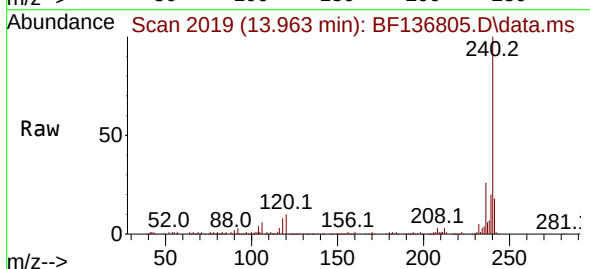
Tgt Ion:240 Resp: 135362

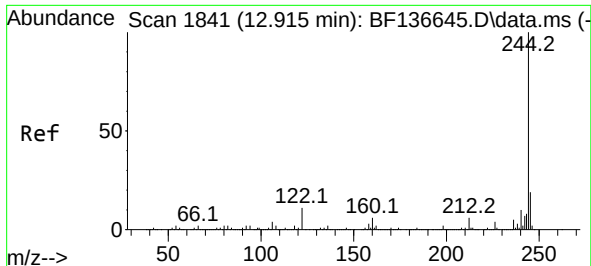
Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

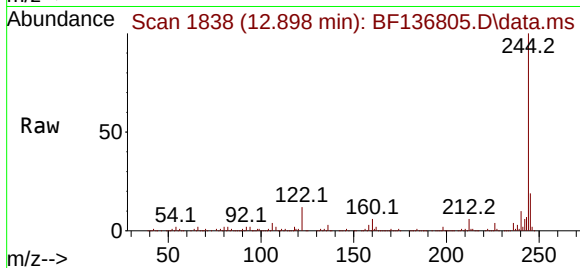
236 26.5 19.4 29.2





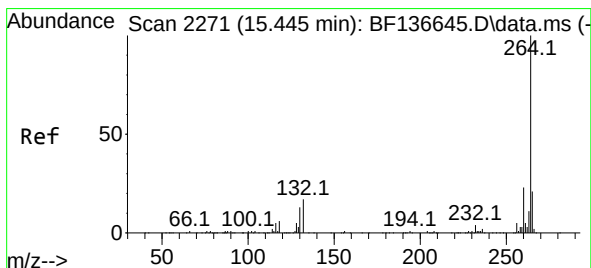
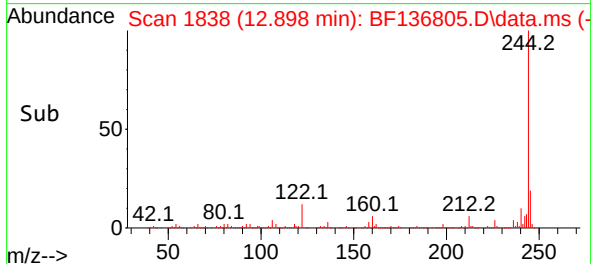
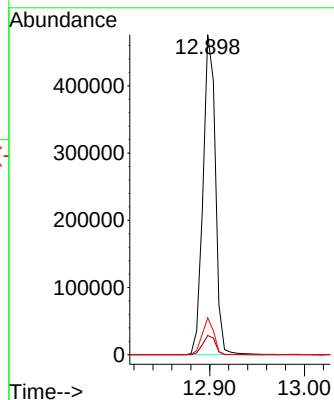
#79
 Terphenyl-d14
 Concen: 44.786 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.018 min
 Lab File: BF136805.D
 Acq: 28 Dec 2023 21:22

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-3.7-4.7



Tgt Ion:244 Resp: 433806

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.0	7.4
122	11.5	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: BF136805.D
 Acq: 28 Dec 2023 21:22

Tgt Ion:264 Resp: 148609

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	20.5	17.0	25.6

