

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132719.D
 Acq On : 09 Mar 2023 15:43
 Operator : CG\JU
 Sample : 01834-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Mar 09 16:47:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	175406	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	656170	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	325469	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	528018	20.000	ng	0.00
76) Chrysene-d12	14.180	240	377387	20.000	ng	0.00
86) Perylene-d12	15.721	264	374153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	970176	89.767	ng	0.00
7) Phenol-d6	6.610	99	1219556	86.462	ng	-0.01
23) Nitrobenzene-d5	7.540	82	758702	54.858	ng	-0.02
42) 2,4,6-Tribromophenol	10.816	330	239057	68.012	ng	-0.01
45) 2-Fluorobiphenyl	9.339	172	1225416	57.329	ng	0.00
79) Terphenyl-d14	13.110	244	1028116	46.061	ng	0.00

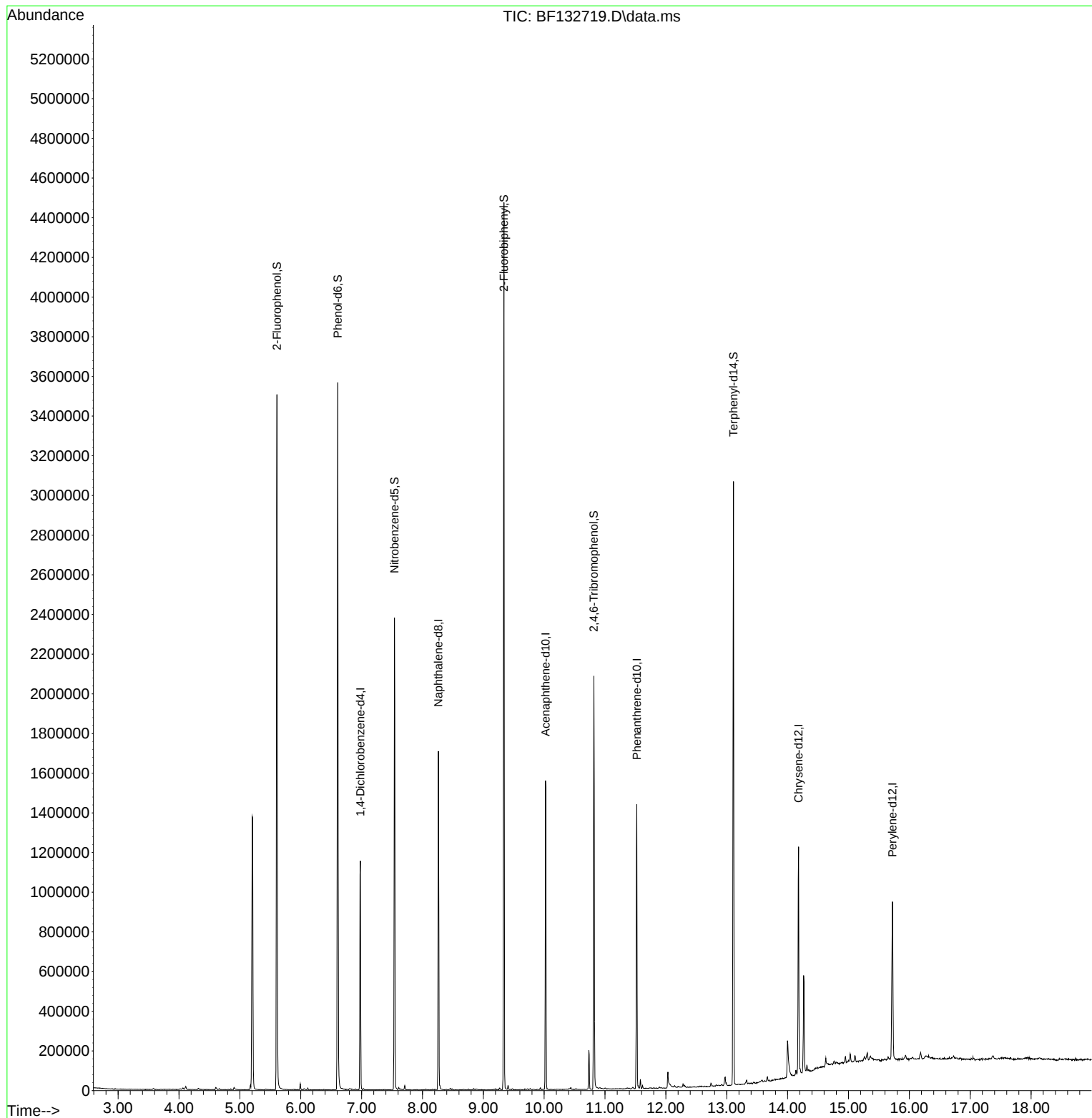
Target Compounds	Qvalue

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

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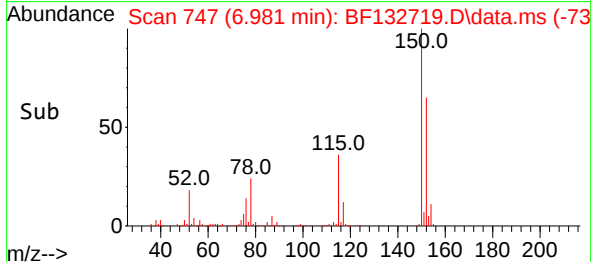
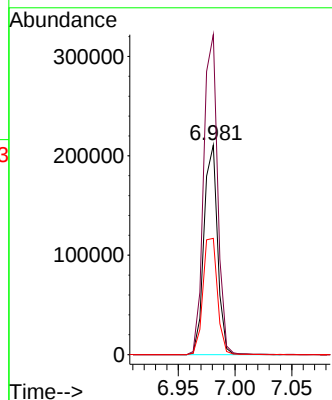
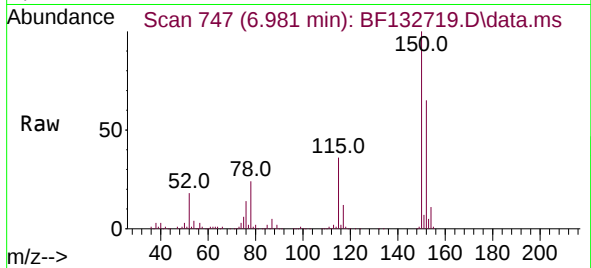




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132719.D
Acq: 09 Mar 2023 15:43

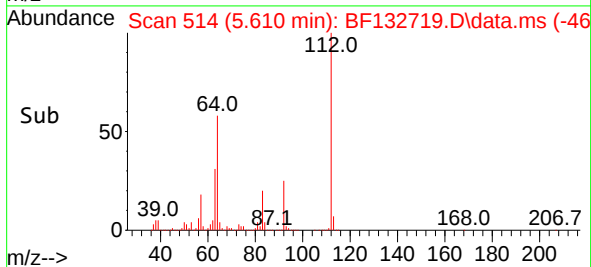
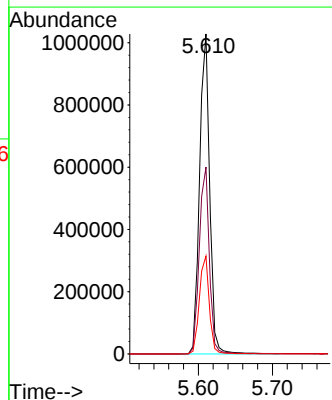
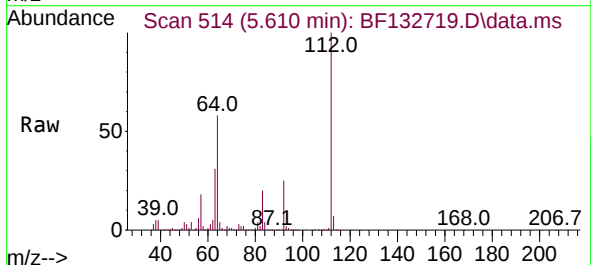
Instrument :
BNA_F
ClientSampleId :
TP-7

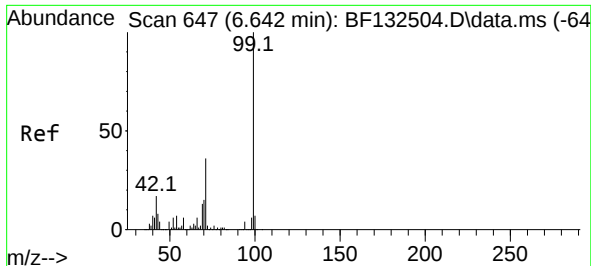
Tgt Ion:152 Resp: 175406
Ion Ratio Lower Upper
152 100
150 152.8 125.4 188.2
115 55.5 47.8 71.6



#5
2-Fluorophenol
Concen: 89.767 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132719.D
Acq: 09 Mar 2023 15:43

Tgt Ion:112 Resp: 970176
Ion Ratio Lower Upper
112 100
64 58.4 51.6 77.4
63 30.6 27.4 41.2

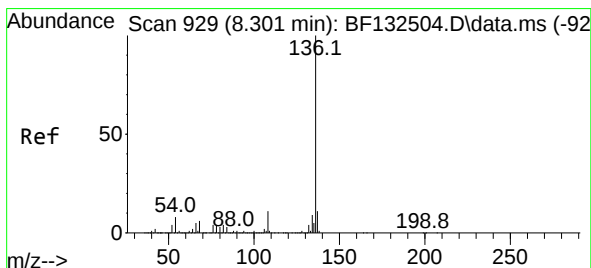
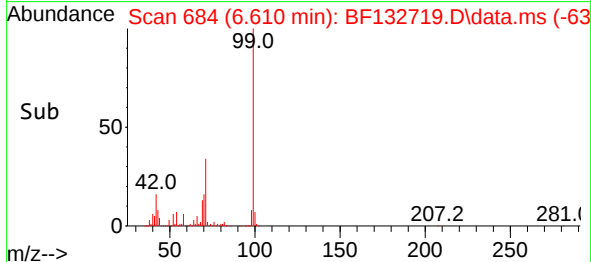
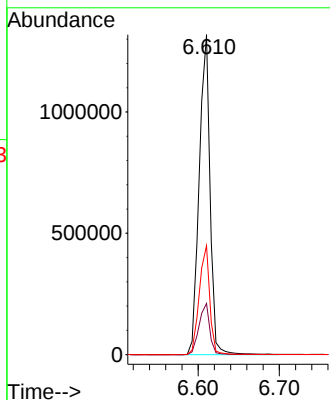
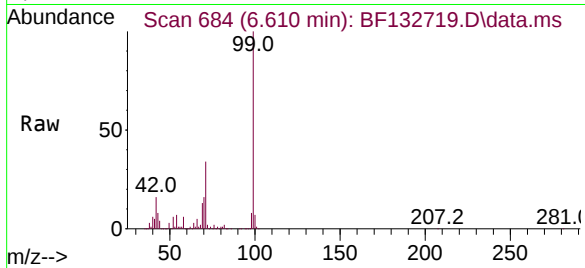




#7
Phenol-d6
Concen: 86.462 ng
RT: 6.610 min Scan# 684
Delta R.T. -0.012 min
Lab File: BF132719.D
Acq: 09 Mar 2023 15:43

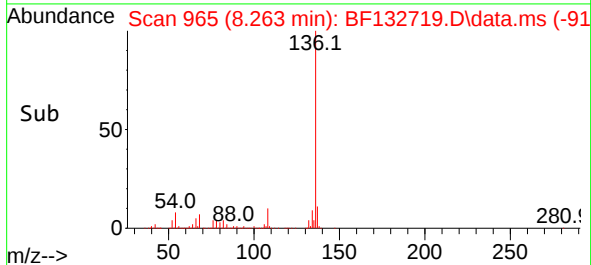
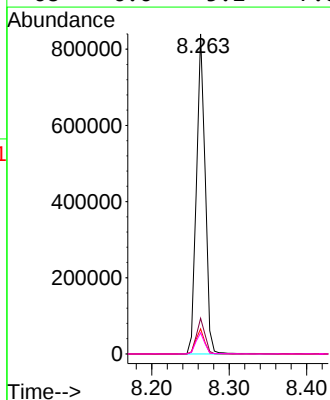
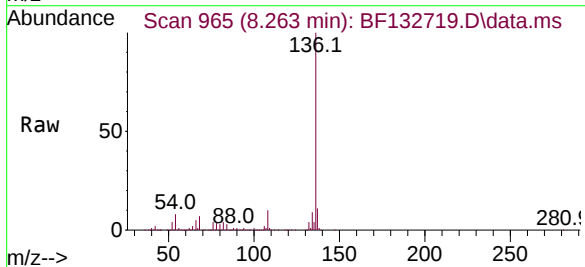
Instrument :
BNA_F
ClientSampleId :
TP-7

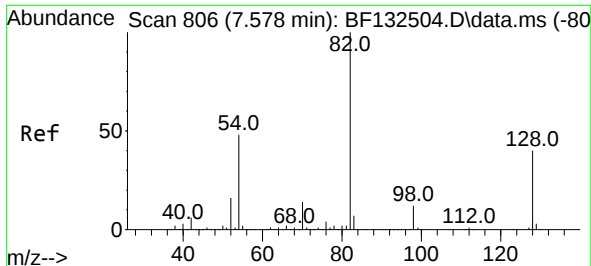
Tgt Ion: 99 Resp: 1219556
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 34.0 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132719.D
Acq: 09 Mar 2023 15:43

Tgt Ion: 136 Resp: 656170
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.8 6.2 9.4
68 6.6 5.2 7.8

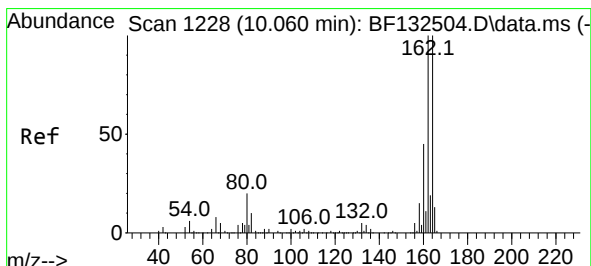
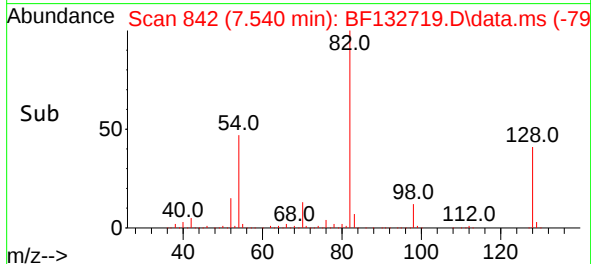
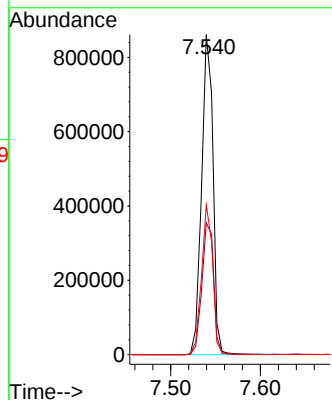
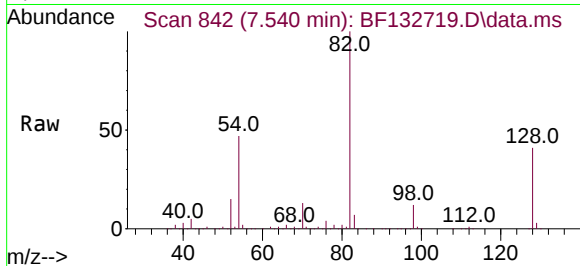




#23
Nitrobenzene-d5
Concen: 54.858 ng
RT: 7.540 min Scan# 84
Delta R.T. -0.017 min
Lab File: BF132719.D
Acq: 09 Mar 2023 15:43

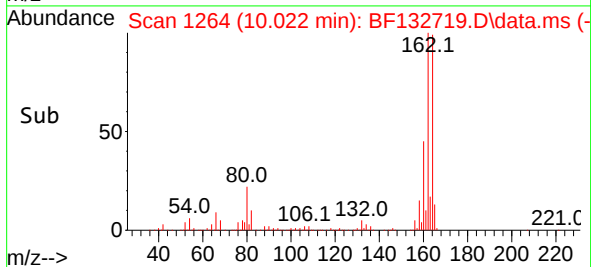
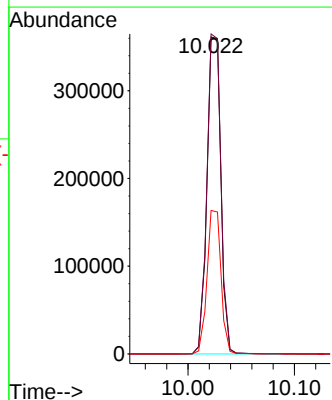
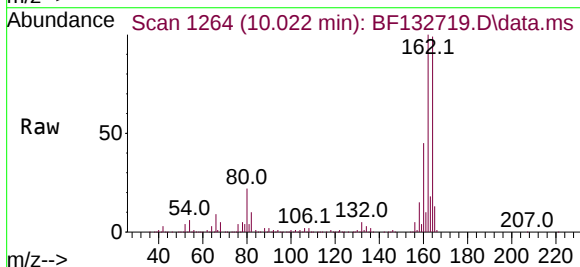
Instrument :
BNA_F
ClientSampleId :
TP-7

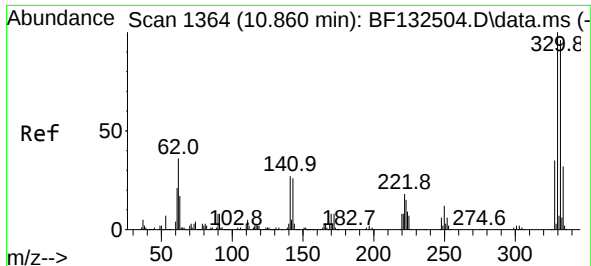
Tgt Ion: 82 Resp: 758702
Ion Ratio Lower Upper
82 100
128 41.2 32.2 48.2
54 46.7 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF132719.D
Acq: 09 Mar 2023 15:43

Tgt Ion:164 Resp: 325469
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.8
160 45.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 68.012 ng

RT: 10.816 min Scan# 1364

Delta R.T. -0.012 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

Instrument :

BNA_F

ClientSampleId :

TP-7

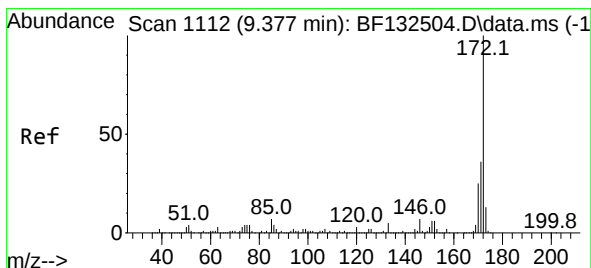
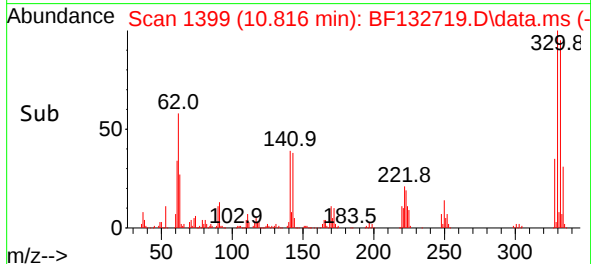
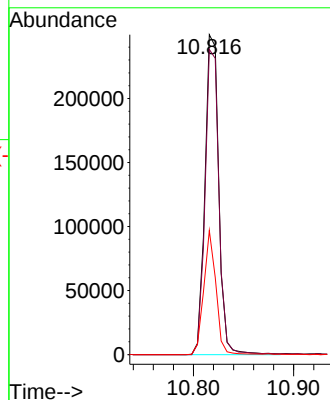
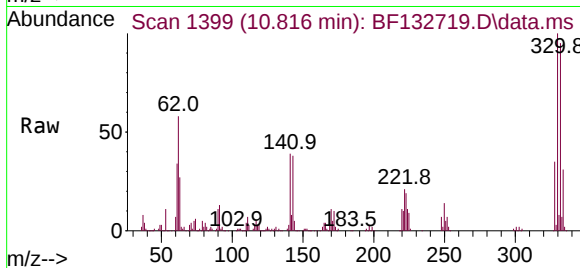
Tgt Ion:330 Resp: 239057

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 34.4 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 57.329 ng

RT: 9.339 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

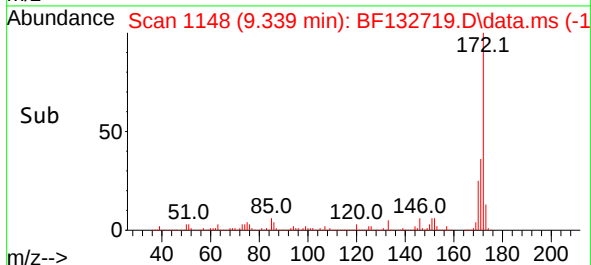
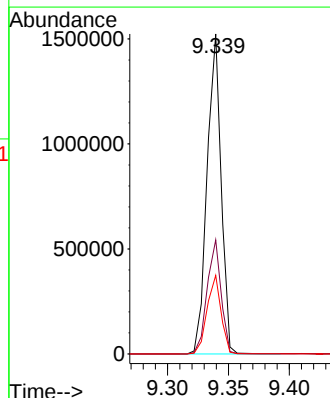
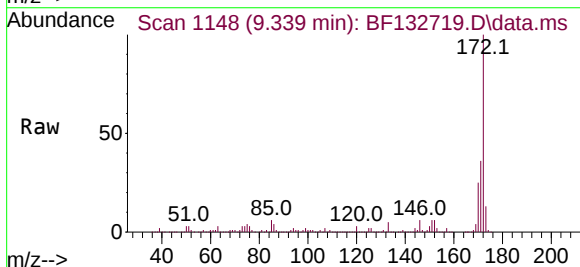
Tgt Ion:172 Resp: 1225416

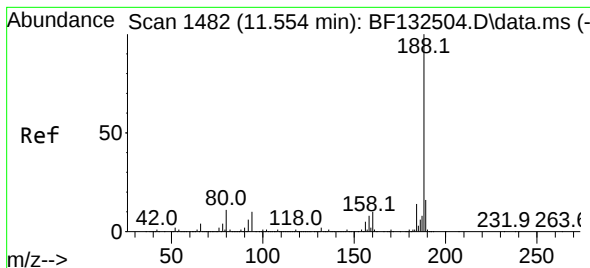
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.5 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

Instrument :

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ClientSampleId :

TP-7

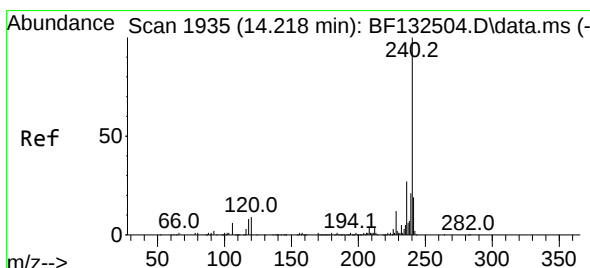
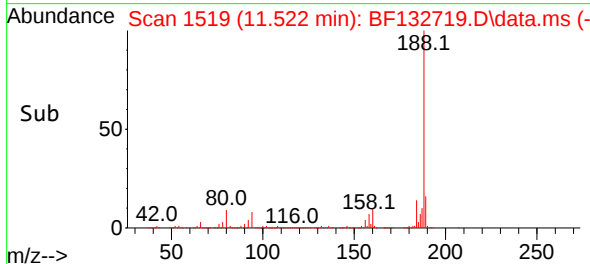
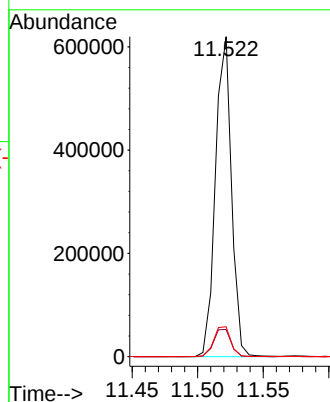
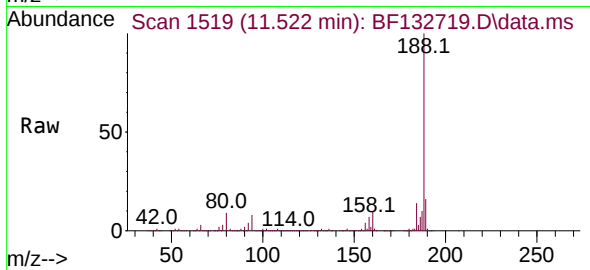
Tgt Ion:188 Resp: 528018

Ion Ratio Lower Upper

188 100

94 8.5 8.3 12.5

80 9.3 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

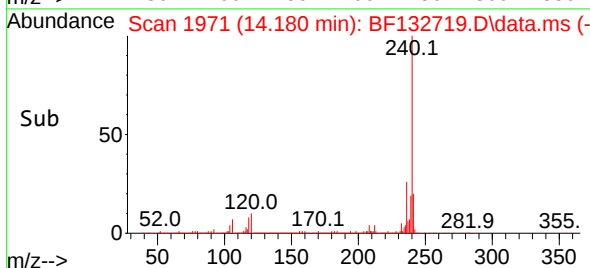
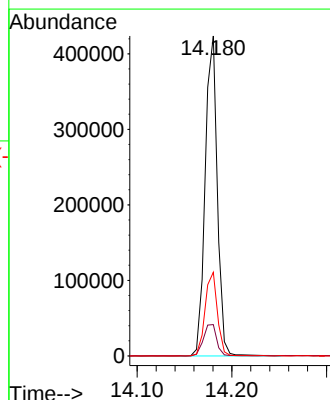
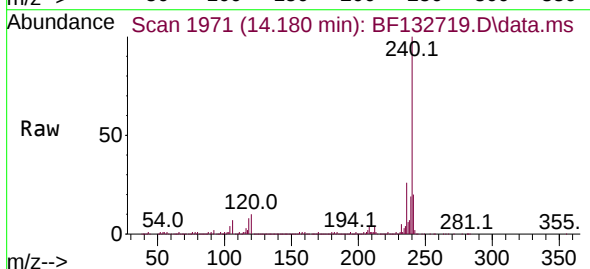
Tgt Ion:240 Resp: 377387

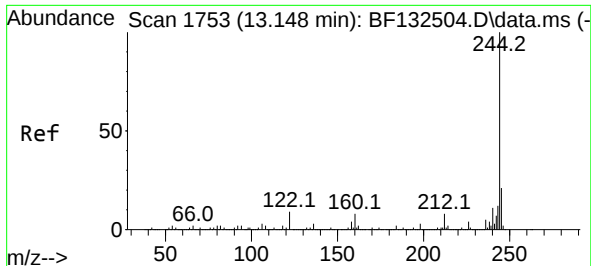
Ion Ratio Lower Upper

240 100

120 9.8 7.2 10.8

236 26.1 21.8 32.6

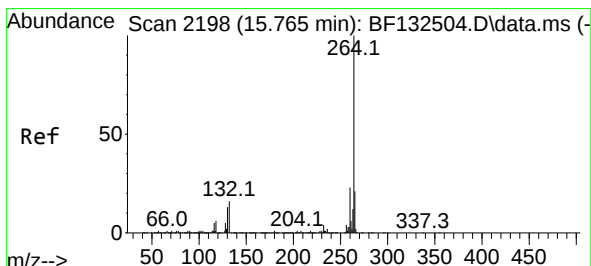
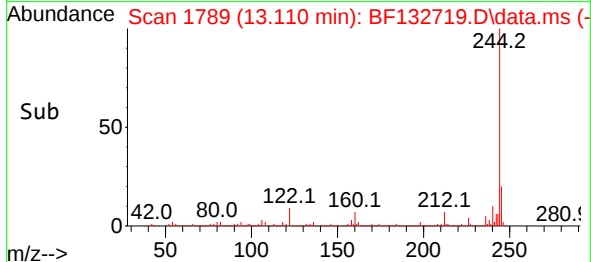
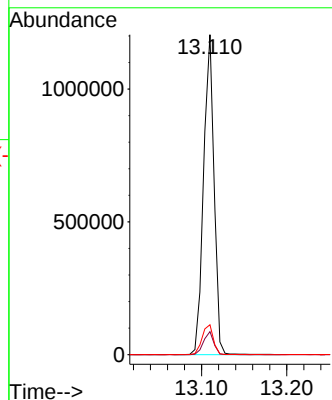
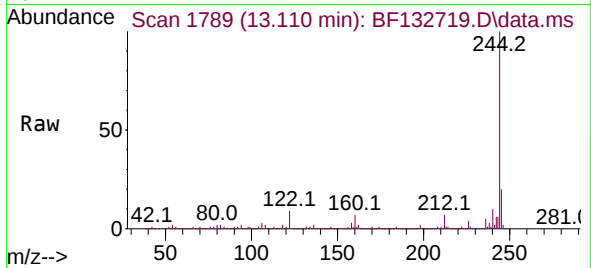




#79
Terphenyl-d14
Concen: 46.061 ng
RT: 13.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132719.D
Acq: 09 Mar 2023 15:43

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:244 Resp: 1028116
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 9.3 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.721 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BF132719.D
Acq: 09 Mar 2023 15:43

Tgt Ion:264 Resp: 374153
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.2 17.1 25.7

