

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132464.D
 Acq On : 17 Feb 2023 22:48
 Operator : CG\JU
 Sample : 01595-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-322-3

Quant Time: Feb 18 01:02:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	247547	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	911722	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	495771	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	948687	20.000	ng	0.00
76) Chrysene-d12	14.219	240	662246	20.000	ng	#-0.01
86) Perylene-d12	15.777	264	555986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1333099	86.291	ng	0.00
7) Phenol-d6	6.643	99	1737205	86.117	ng	0.00
23) Nitrobenzene-d5	7.584	82	1127210	59.406	ng	-0.01
42) 2,4,6-Tribromophenol	10.866	330	444855	89.933	ng	0.00
45) 2-Fluorobiphenyl	9.384	172	1835409	57.172	ng	0.00
79) Terphenyl-d14	13.160	244	2119357	58.283	ng	0.00

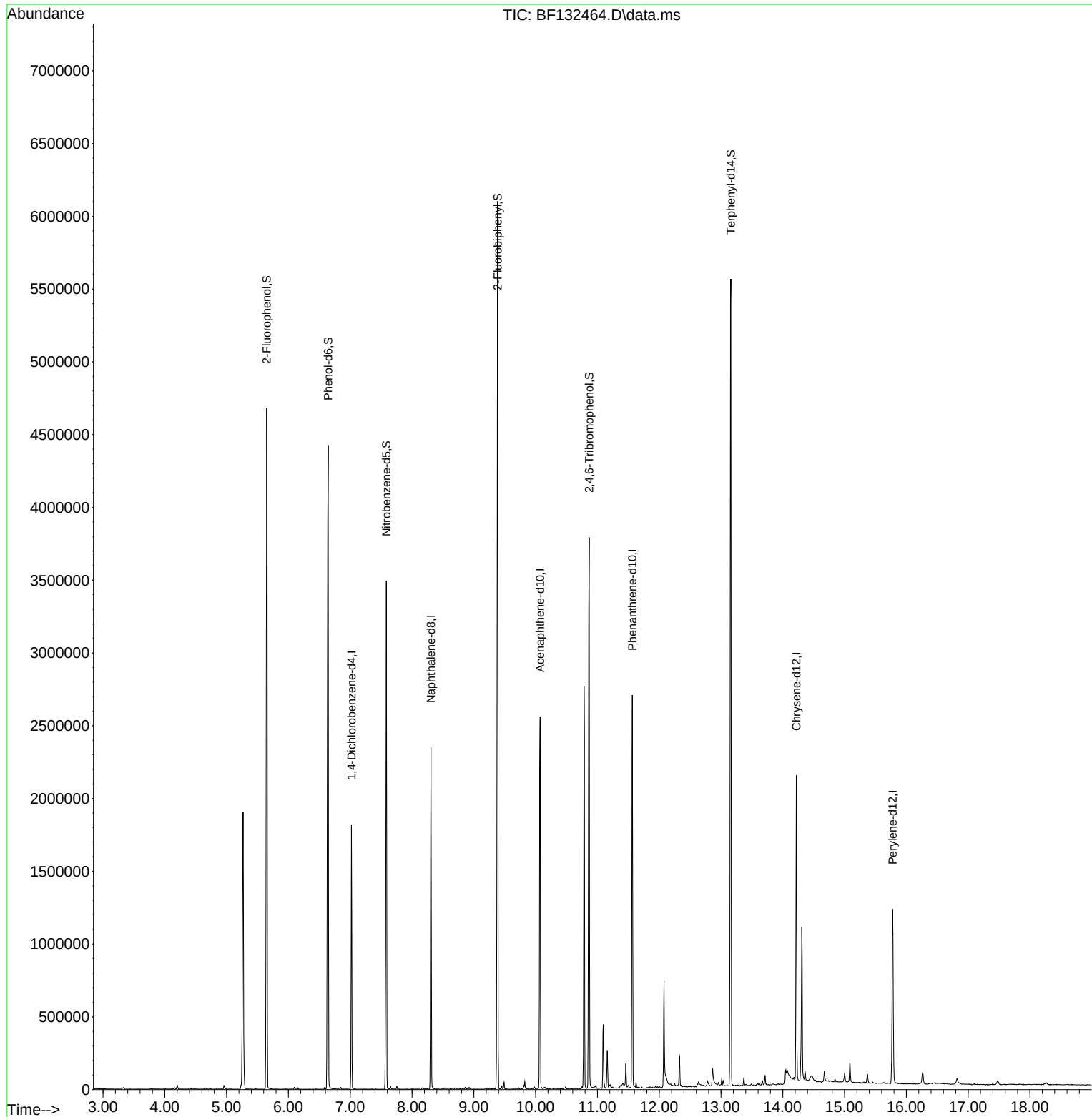
Target Compounds	Qvalue

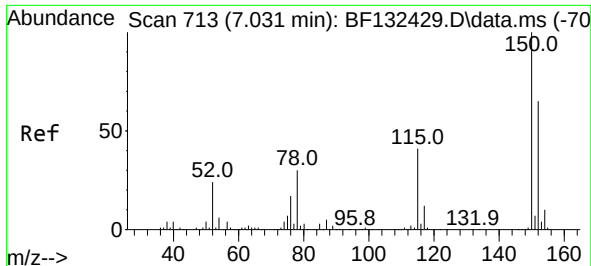
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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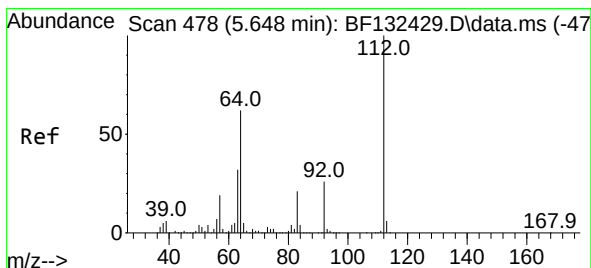
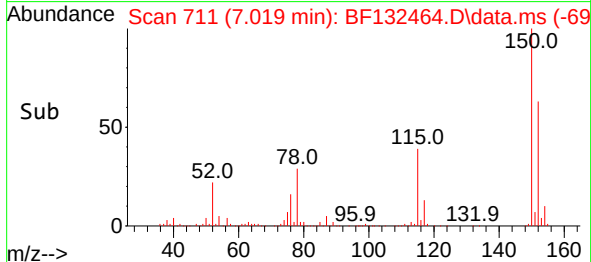
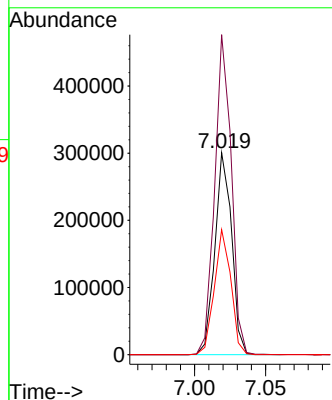
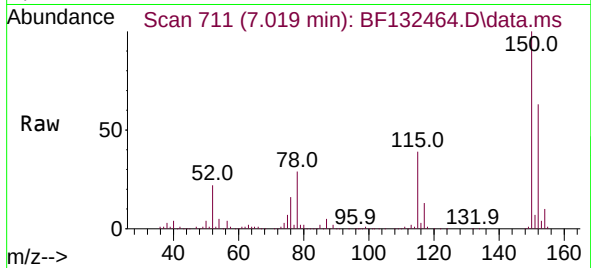




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132464.D
Acq: 17 Feb 2023 22:48

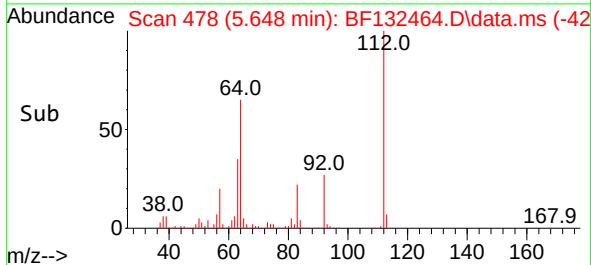
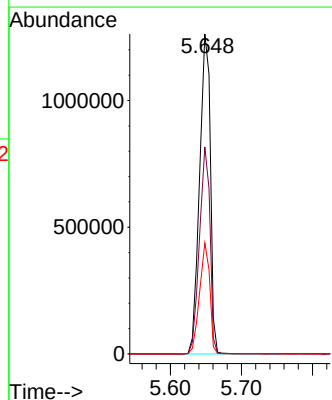
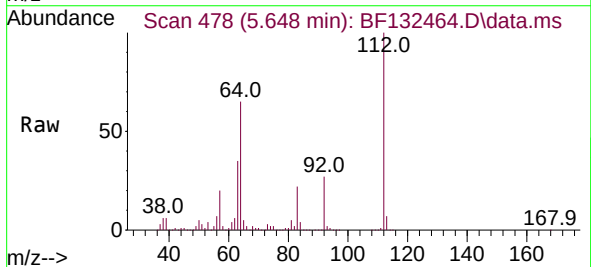
Instrument :
BNA_F
ClientSampleId :
S-322-3

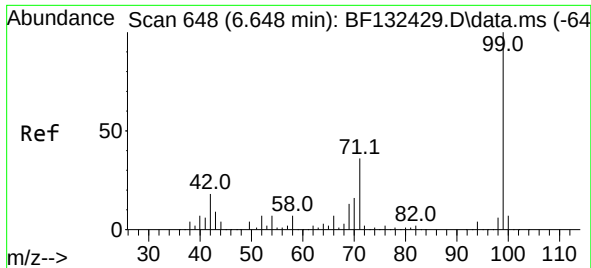
Tgt Ion:152 Resp: 247547
Ion Ratio Lower Upper
152 100
150 158.6 123.8 185.8
115 61.9 50.4 75.6



#5
2-Fluorophenol
Concen: 86.291 ng
RT: 5.648 min Scan# 478
Delta R.T. 0.006 min
Lab File: BF132464.D
Acq: 17 Feb 2023 22:48

Tgt Ion:112 Resp: 1333099
Ion Ratio Lower Upper
112 100
64 64.7 49.7 74.5
63 34.7 25.8 38.8

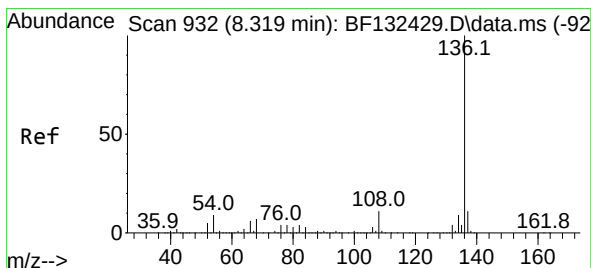
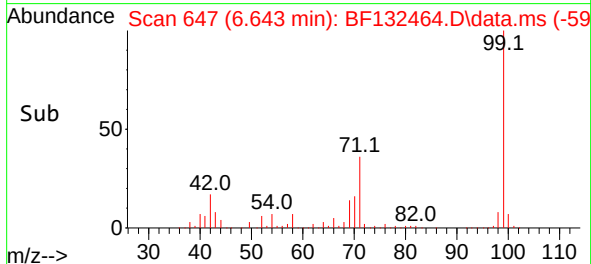
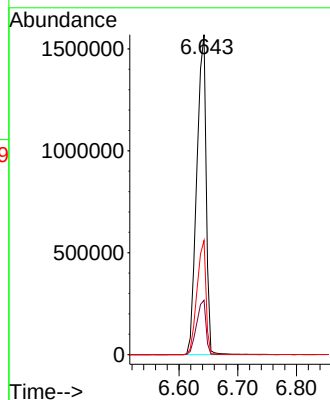
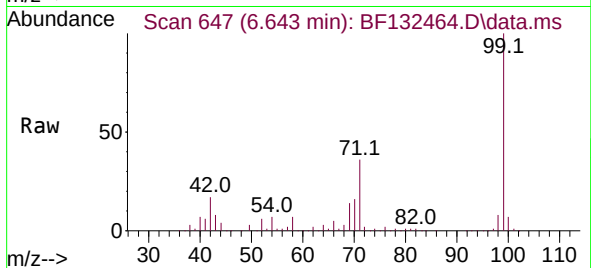




#7
Phenol-d6
Concen: 86.117 ng
RT: 6.643 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132464.D
Acq: 17 Feb 2023 22:48

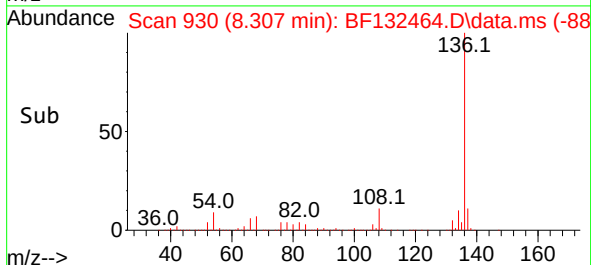
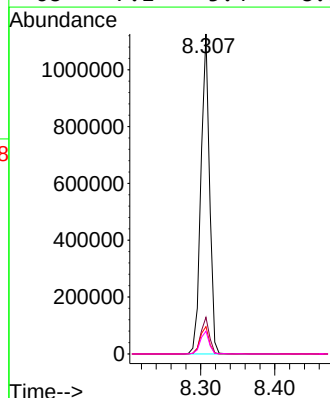
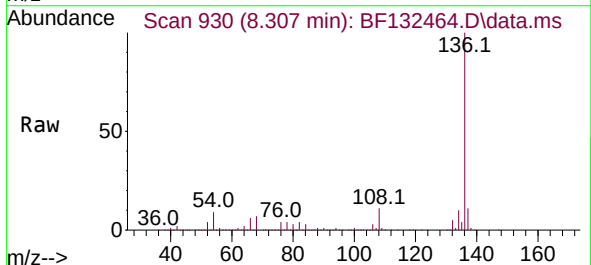
Instrument :
BNA_F
ClientSampleId :
S-322-3

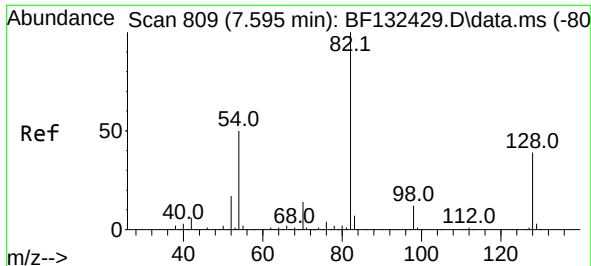
Tgt Ion: 99 Resp: 1737205
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 35.7 28.7 43.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF132464.D
Acq: 17 Feb 2023 22:48

Tgt Ion: 136 Resp: 911722
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.5 6.9 10.3
68 7.1 5.4 8.0

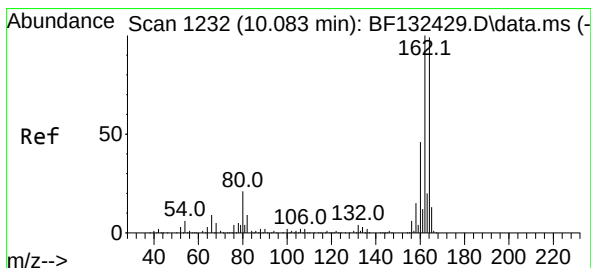
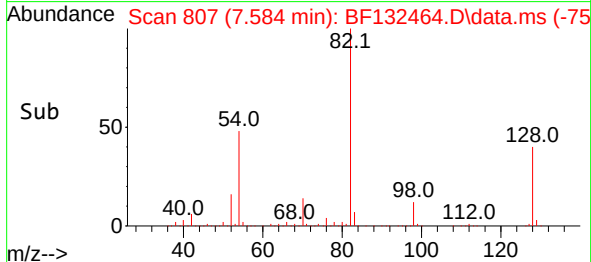
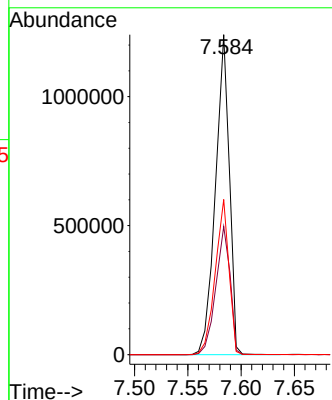
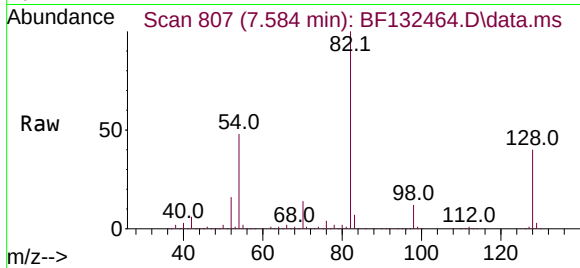




#23
Nitrobenzene-d5
Concen: 59.406 ng
RT: 7.584 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF132464.D
Acq: 17 Feb 2023 22:48

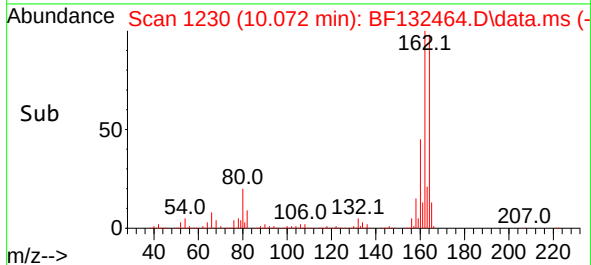
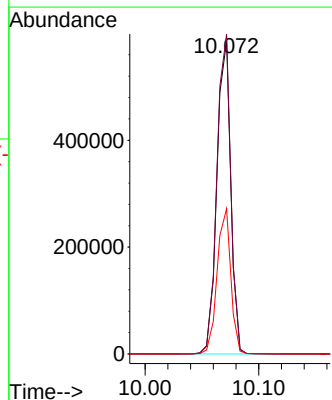
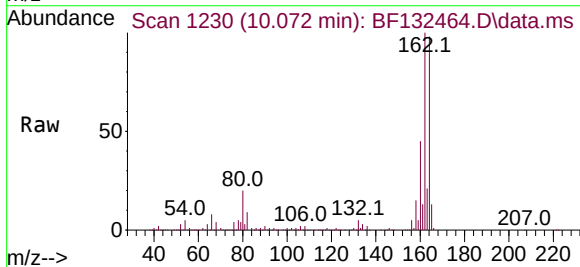
Instrument :
BNA_F
ClientSampleId :
S-322-3

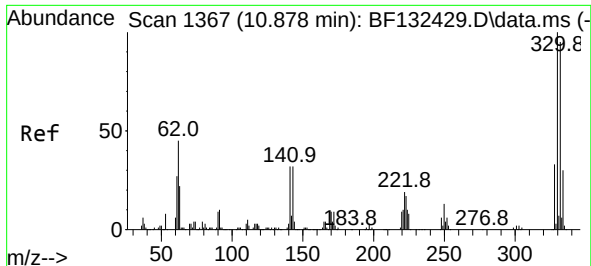
Tgt Ion: 82 Resp: 1127210
Ion Ratio Lower Upper
82 100
128 40.0 30.8 46.2
54 48.5 40.2 60.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.072 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF132464.D
Acq: 17 Feb 2023 22:48

Tgt Ion:164 Resp: 495771
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 46.4 37.2 55.8

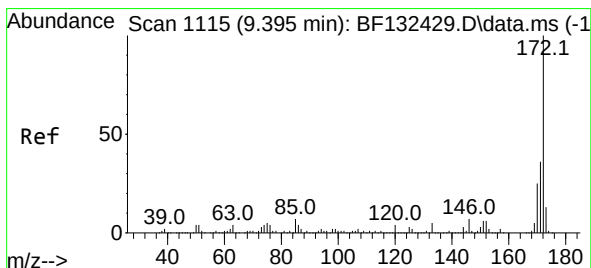
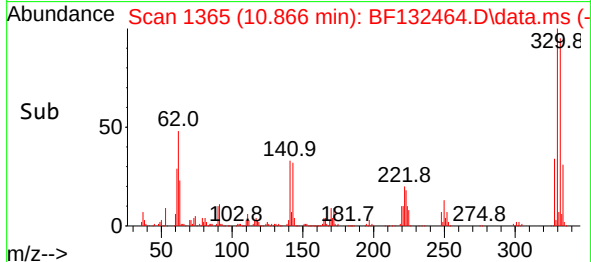
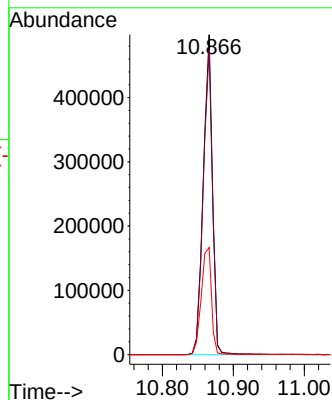
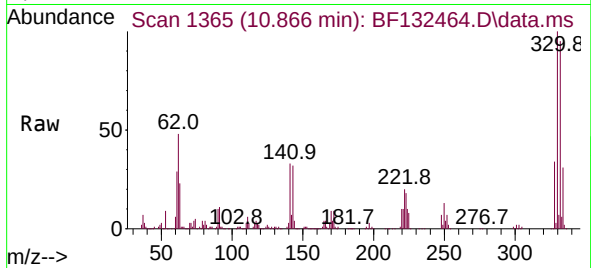




#42
 2,4,6-Tribromophenol
 Concen: 89.933 ng
 RT: 10.866 min Scan# 113
 Delta R.T. -0.006 min
 Lab File: BF132464.D
 Acq: 17 Feb 2023 22:48

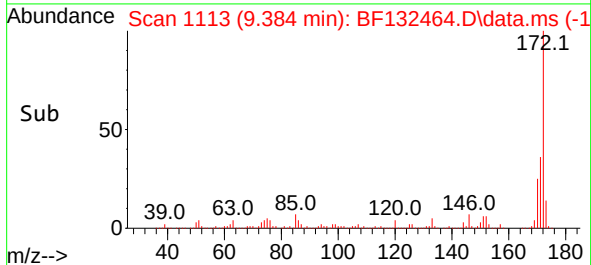
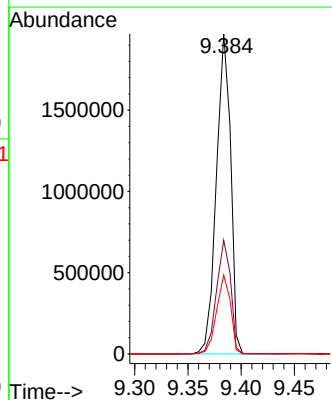
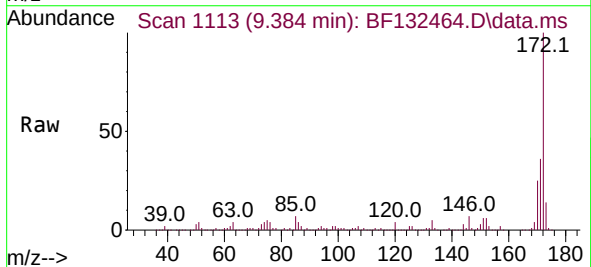
Instrument :
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 ClientSampleId :
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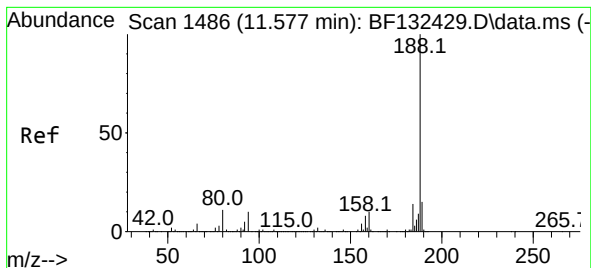
Tgt Ion: 330 Resp: 444855
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.3 114.5
 141 37.0 30.3 45.5



#45
 2-Fluorobiphenyl
 Concen: 57.172 ng
 RT: 9.384 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF132464.D
 Acq: 17 Feb 2023 22:48

Tgt Ion: 172 Resp: 1835409
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 24.7 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.566 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF132464.D

Acq: 17 Feb 2023 22:48

Instrument :

BNA_F

ClientSampleId :

S-322-3

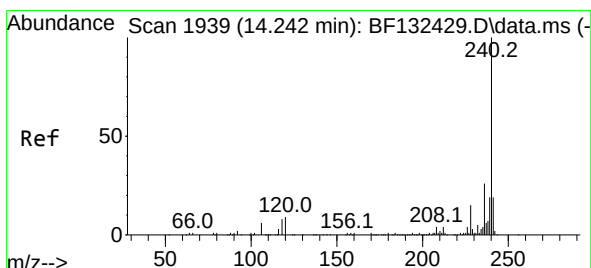
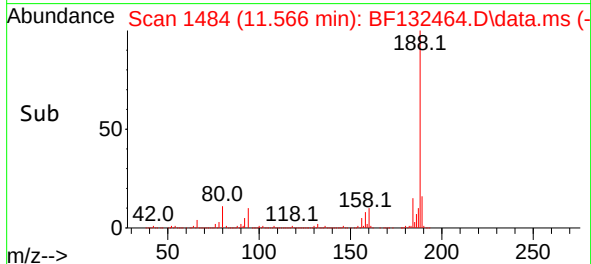
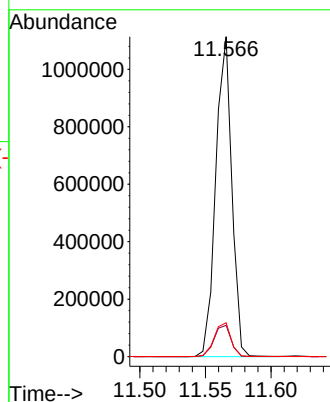
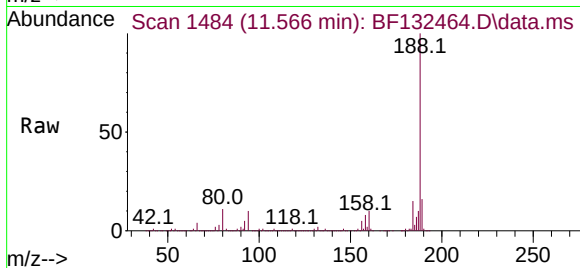
Tgt Ion:188 Resp: 948687

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

80 10.6 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.219 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BF132464.D

Acq: 17 Feb 2023 22:48

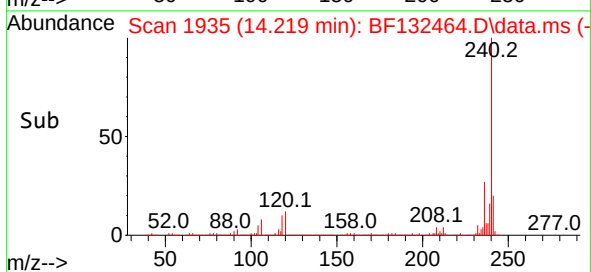
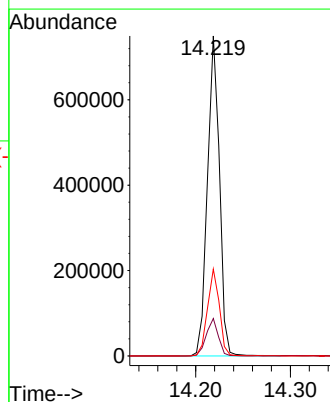
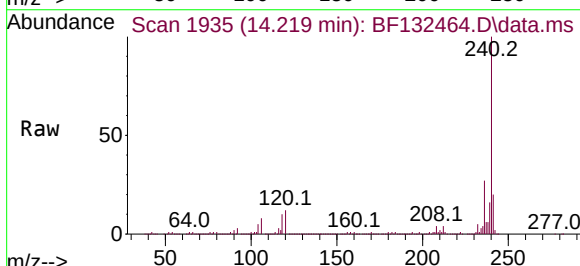
Tgt Ion:240 Resp: 662246

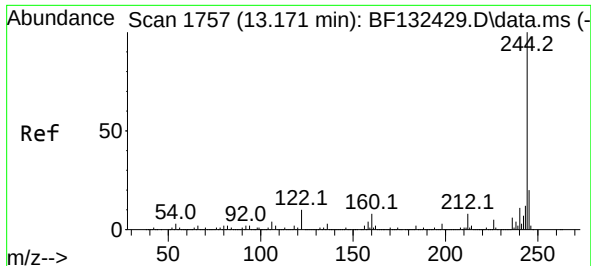
Ion Ratio Lower Upper

240 100

120 11.7 7.5 11.3#

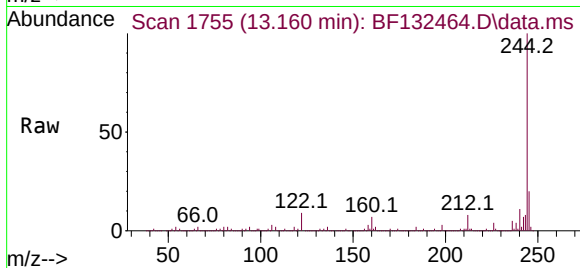
236 27.1 21.0 31.6





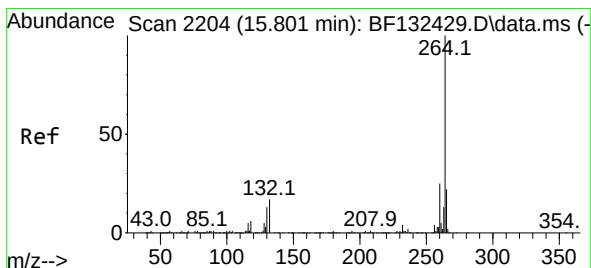
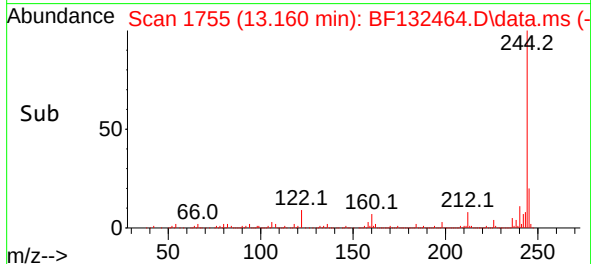
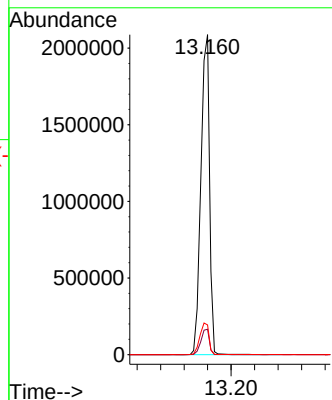
#79
 Terphenyl-d14
 Concen: 58.283 ng
 RT: 13.160 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132464.D
 Acq: 17 Feb 2023 22:48

Instrument :
 BNA_F
 ClientSampleId :
 S-322-3



Tgt Ion:244 Resp: 2119357

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.7	10.1
122	9.3	7.7	11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.777 min Scan# 2200
 Delta R.T. -0.006 min
 Lab File: BF132464.D
 Acq: 17 Feb 2023 22:48

Tgt Ion:264 Resp: 555986

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	21.7	17.2	25.8

