

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127381.D
 Acq On : 17 Mar 2022 17:45
 Operator : CG\JU
 Sample : N1951-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-27-(15-20)-3-12-22

Quant Time: Mar 18 04:40:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	112472	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	410434	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	219401	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	319461	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	234617	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	164545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	762290	108.954	ng	0.00
7) Phenol-d6	6.504	99	1031659	107.189	ng	0.00
23) Nitrobenzene-d5	7.434	82	719138	72.360	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	190901	80.827	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1136668	73.245	ng	0.00
79) Terphenyl-d14	12.986	244	822240	60.347	ng	0.00

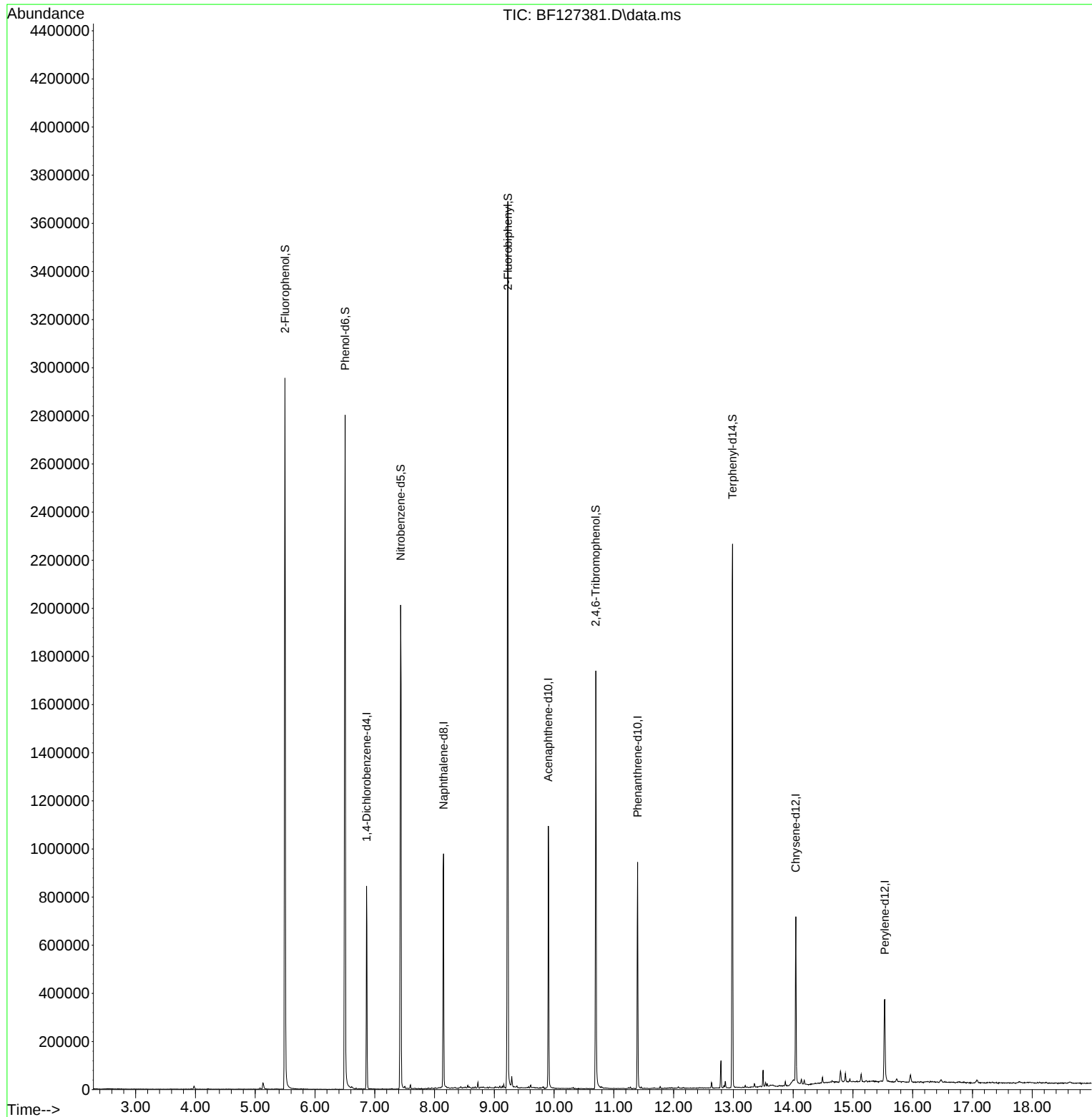
Target Compounds	Qvalue

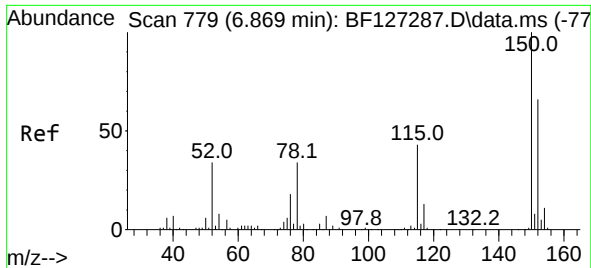
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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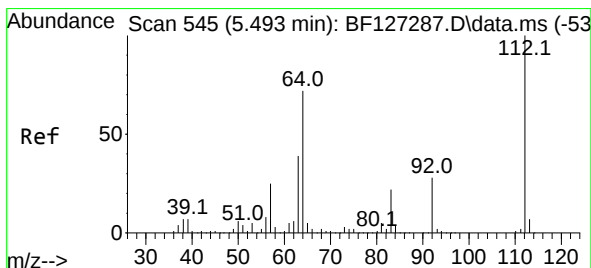
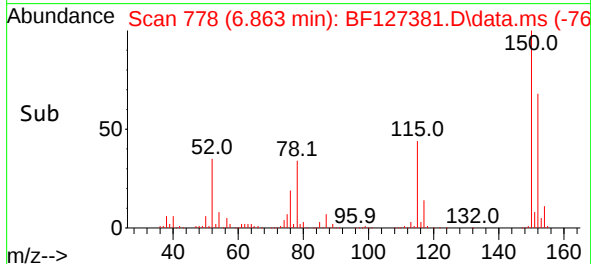
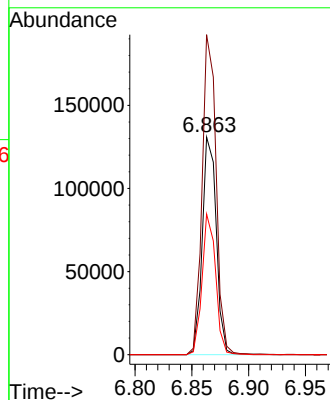
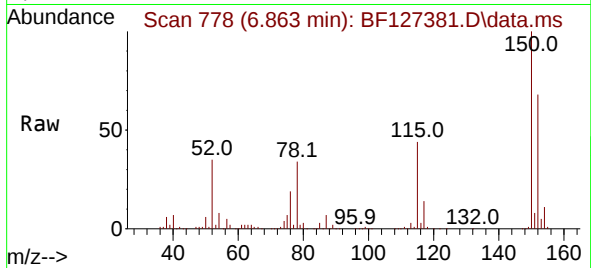




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

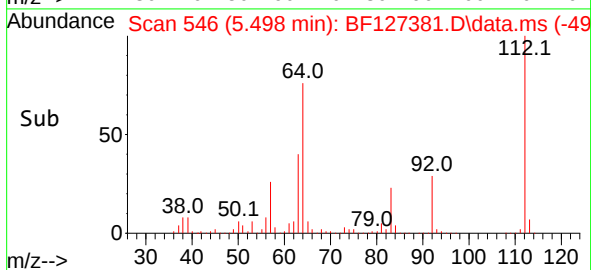
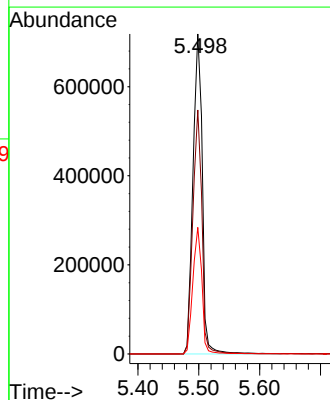
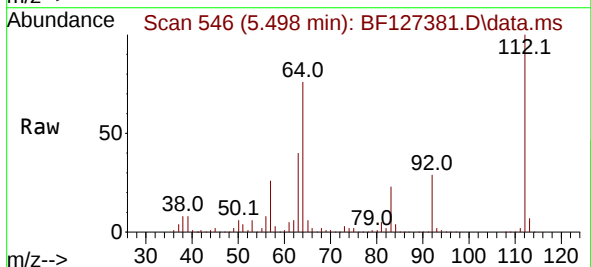
Instrument :
BNA_F
ClientSampleId :
DB-27-(15-20)-3-12-22

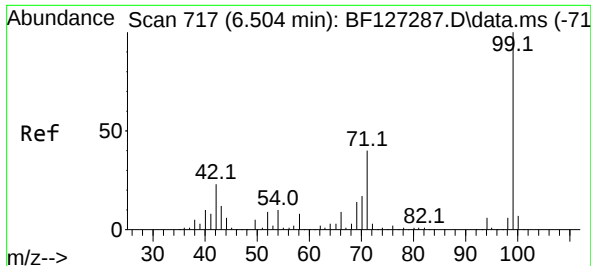
Tgt Ion:152 Resp: 112472
Ion Ratio Lower Upper
152 100
150 147.1 128.1 192.1
115 64.6 56.7 85.1



#5
2-Fluorophenol
Concen: 108.954 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

Tgt Ion:112 Resp: 762290
Ion Ratio Lower Upper
112 100
64 76.3 49.5 74.3#
63 39.5 23.9 35.9#

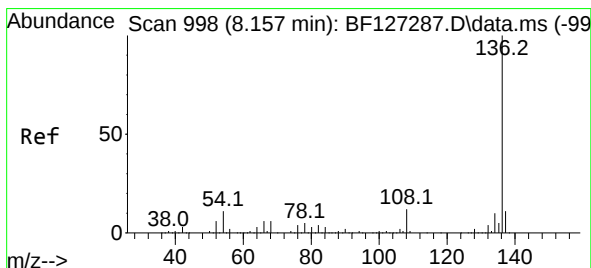
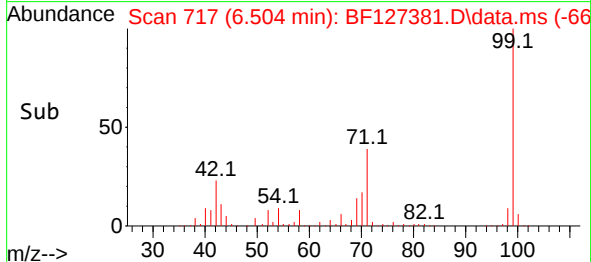
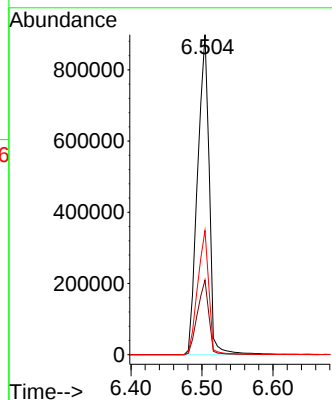
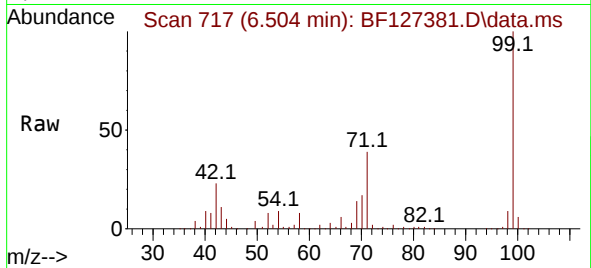




#7
Phenol-d6
Concen: 107.189 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

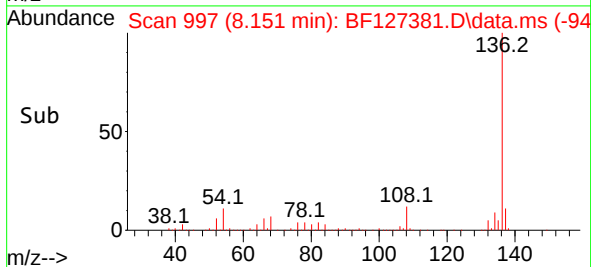
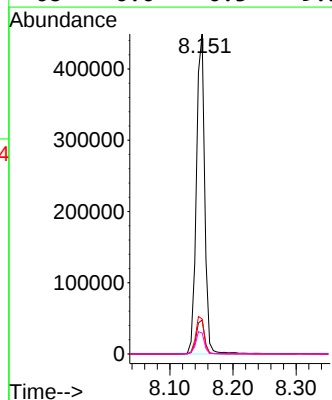
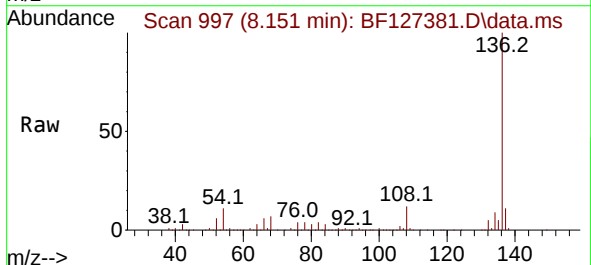
Instrument :
BNA_F
ClientSampleId :
DB-27-(15-20)-3-12-22

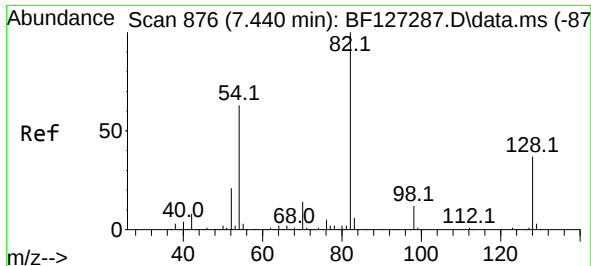
Tgt Ion: 99 Resp: 1031659
Ion Ratio Lower Upper
99 100
42 23.3 14.2 21.4#
71 38.8 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

Tgt Ion: 136 Resp: 410434
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.0 7.8 11.6
68 6.6 6.3 9.5

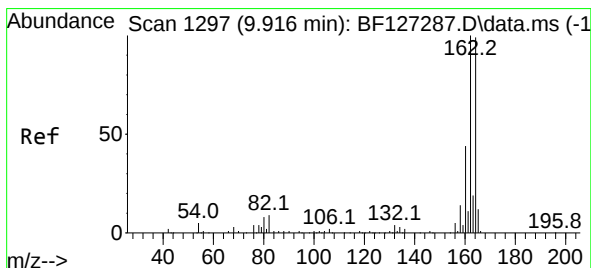
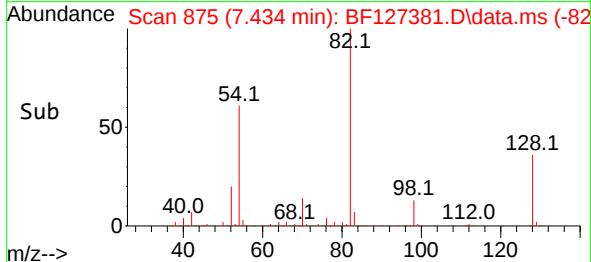
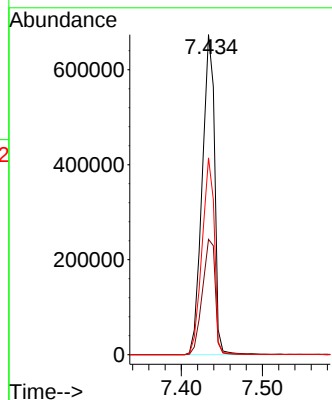
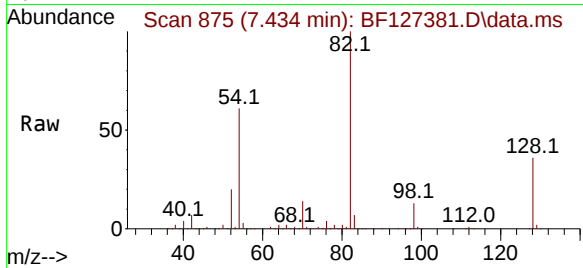




#23
Nitrobenzene-d5
Concen: 72.360 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

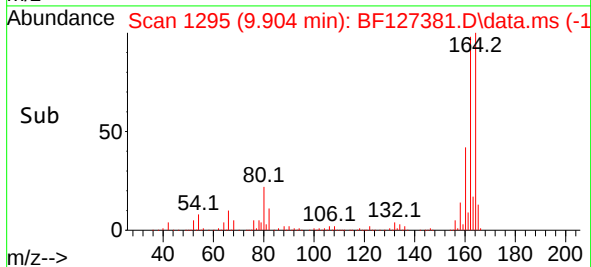
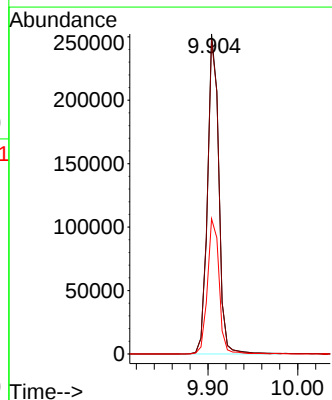
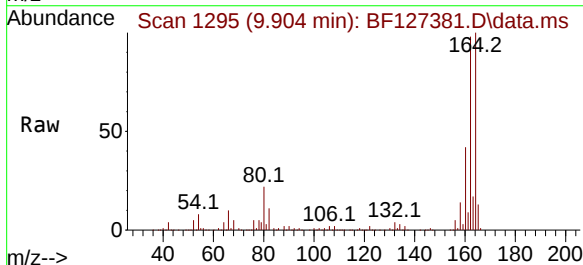
Instrument :
BNA_F
ClientSampleId :
DB-27-(15-20)-3-12-22

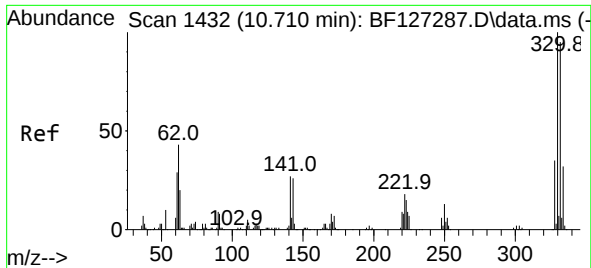
Tgt Ion: 82 Resp: 719138
Ion Ratio Lower Upper
82 100
128 36.1 32.7 49.1
54 61.5 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

Tgt Ion:164 Resp: 219401
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 42.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 80.827 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127381.D

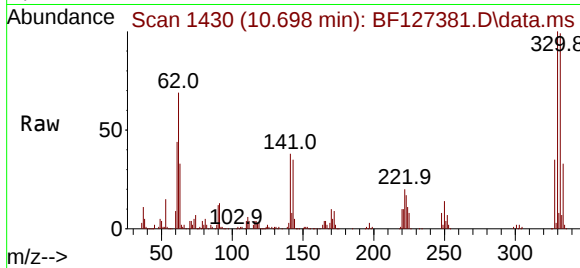
Acq: 17 Mar 2022 17:45

Instrument :

BNA_F

ClientSampleId :

DB-27-(15-20)-3-12-22



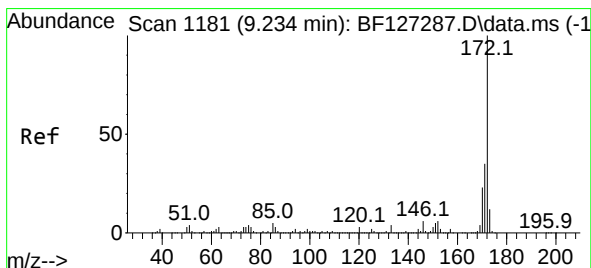
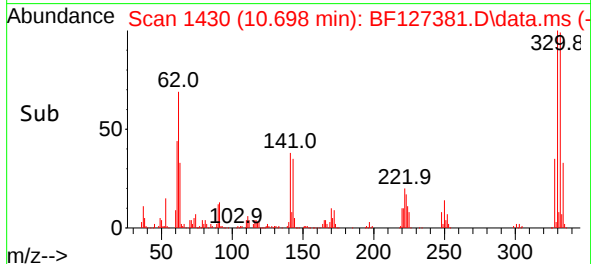
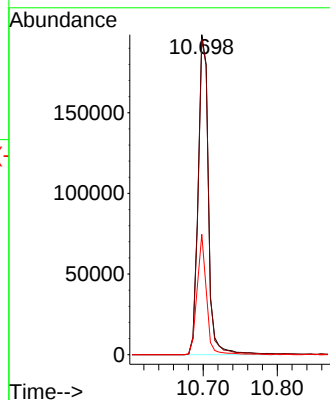
Tgt Ion:330 Resp: 190901

Ion Ratio Lower Upper

330 100

332 98.0 76.0 114.0

141 34.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 73.245 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127381.D

Acq: 17 Mar 2022 17:45

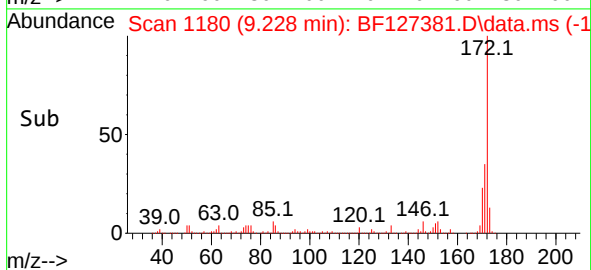
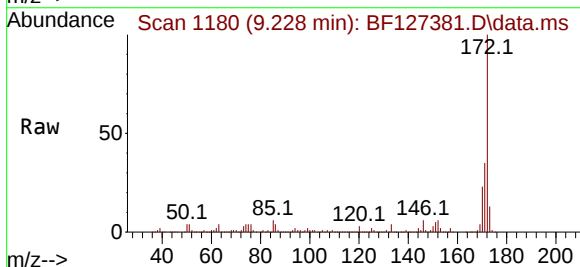
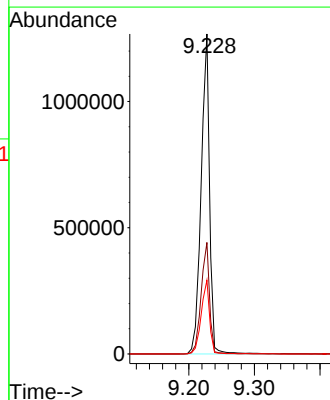
Tgt Ion:172 Resp: 1136668

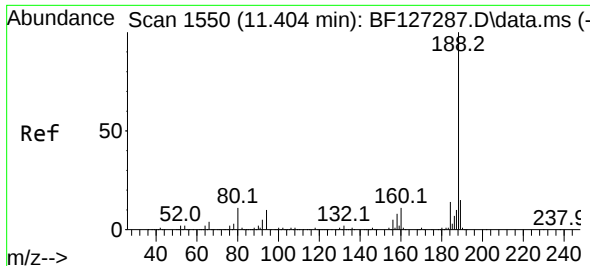
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.0 19.0 28.6

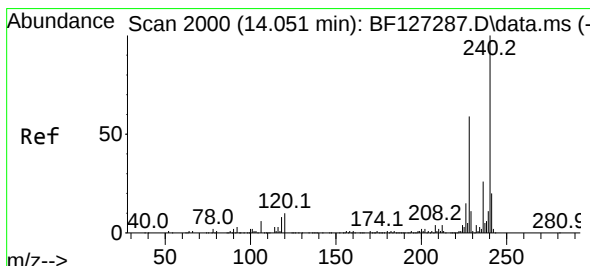
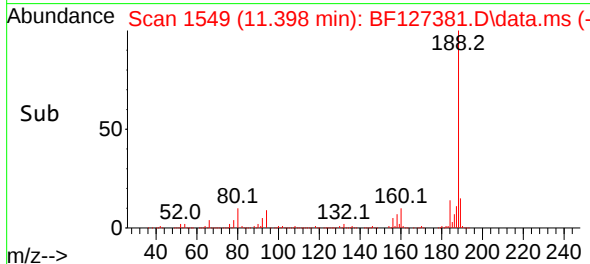
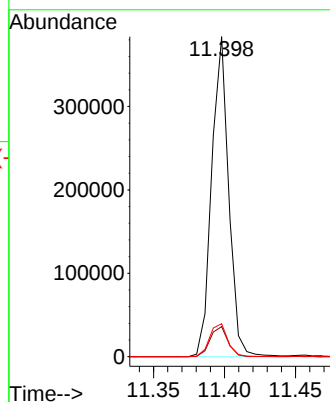
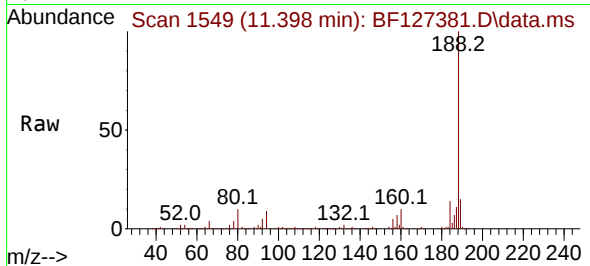




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

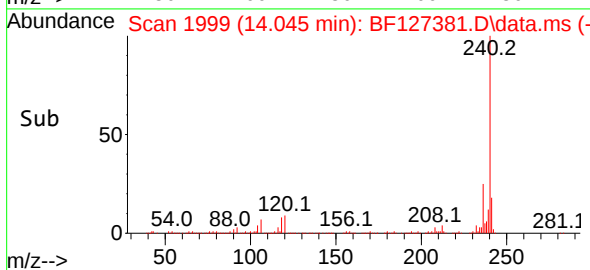
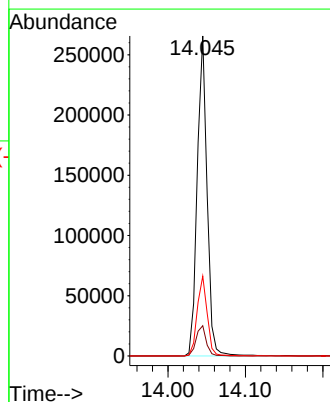
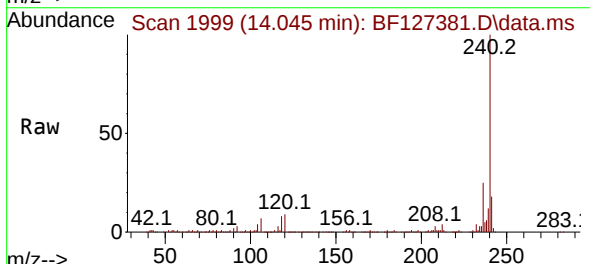
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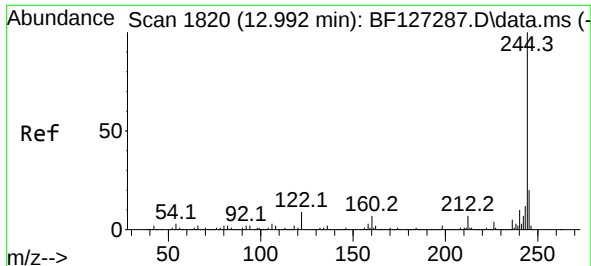
Tgt Ion:188 Resp: 319461
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 10.3 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

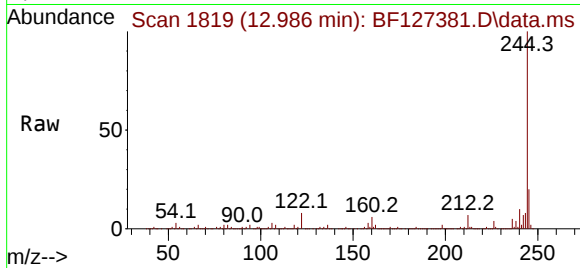
Tgt Ion:240 Resp: 234617
Ion Ratio Lower Upper
240 100
120 9.5 14.4 21.6#
236 24.9 20.5 30.7



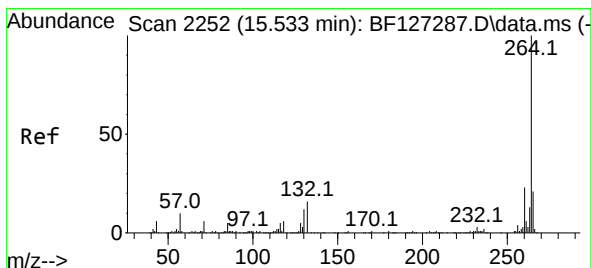
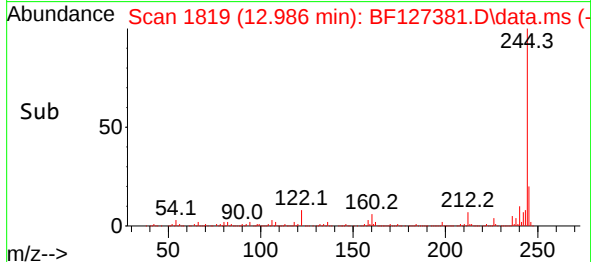
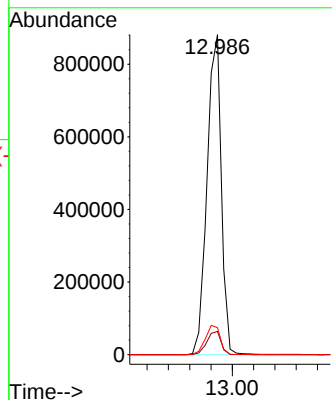


#79
 Terphenyl-d14
 Concen: 60.347 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127381.D
 Acq: 17 Mar 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 822240
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 8.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.000 min
 Lab File: BF127381.D
 Acq: 17 Mar 2022 17:45

Tgt Ion:264 Resp: 164545
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 17.4 26.2

