

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126820.D
 Acq On : 04 Feb 2022 19:26
 Operator : CG/JU
 Sample : N1381-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-07(13.5-15)-02-02-22

Quant Time: Feb 04 23:55:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	139814	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	524889	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	247396	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	287771	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	202558	20.000	ng	# 0.01
86) Perylene-d12	15.662	264	239671	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	959382	93.984	ng	0.00
7) Phenol-d6	6.563	99	1308103	92.640	ng	0.00
23) Nitrobenzene-d5	7.510	82	905250	64.545	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	208527	81.216	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1045499	69.976	ng	0.00
79) Terphenyl-d14	13.086	244	564865	46.650	ng	0.01

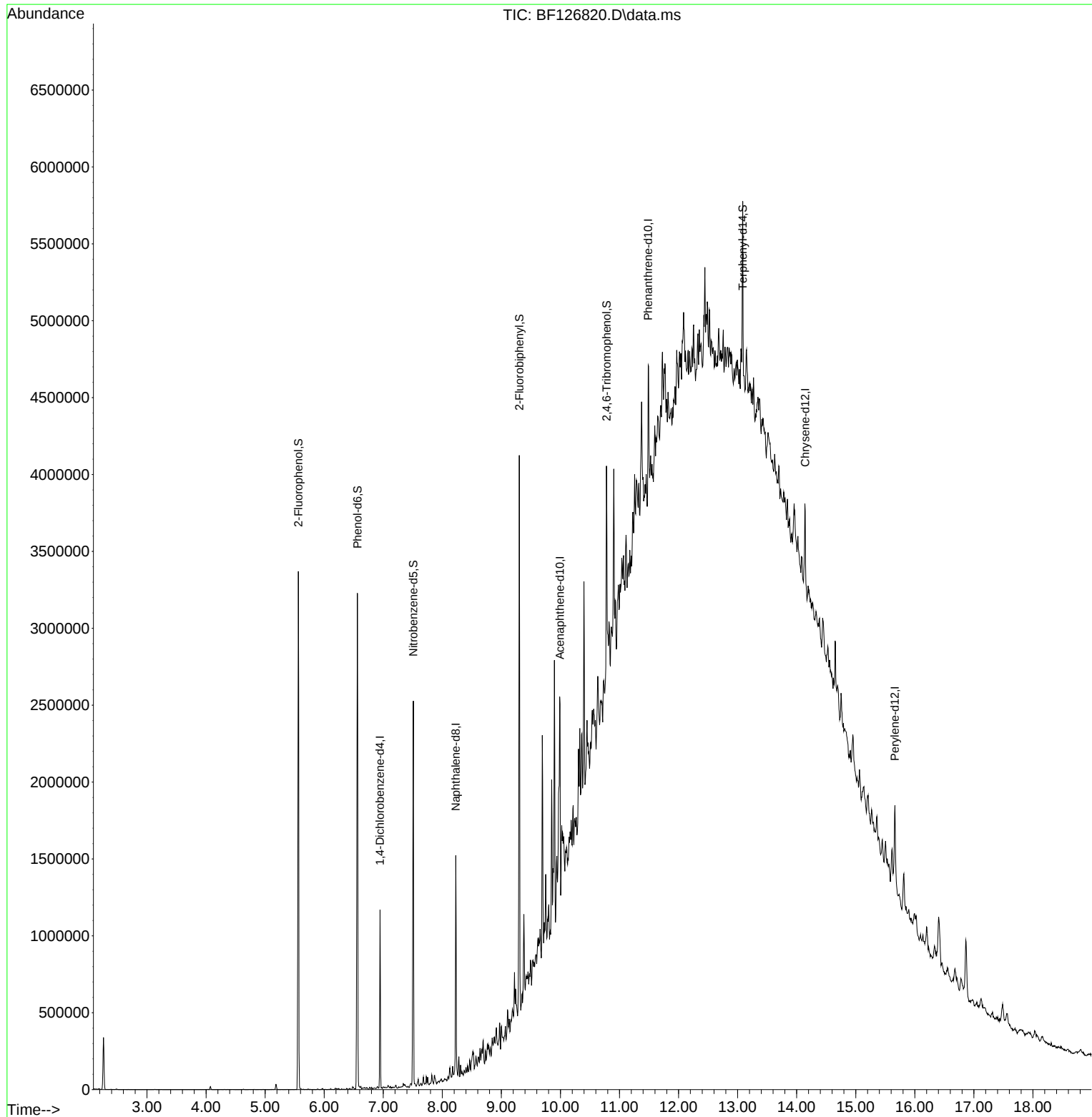
Target Compounds	Qvalue

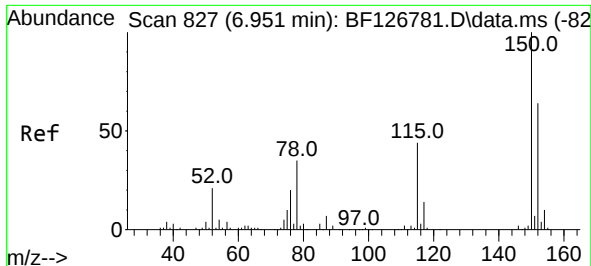
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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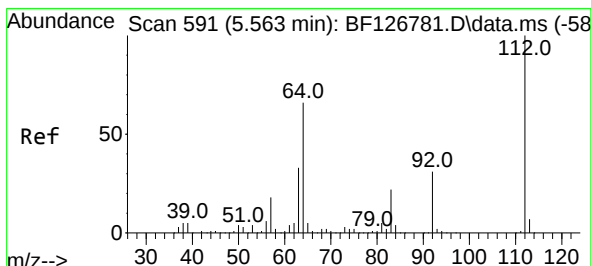
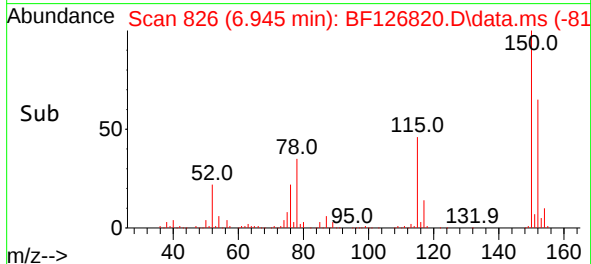
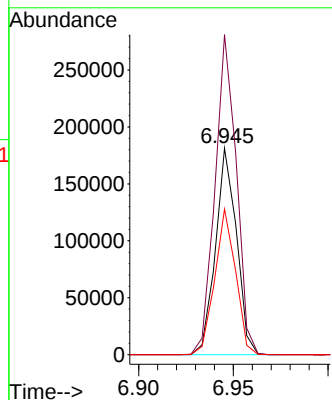
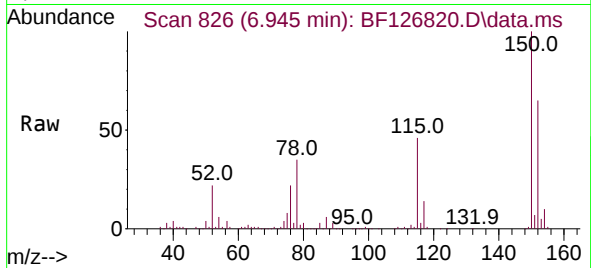




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126820.D
Acq: 04 Feb 2022 19:26

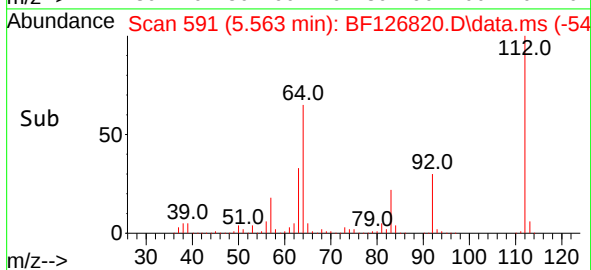
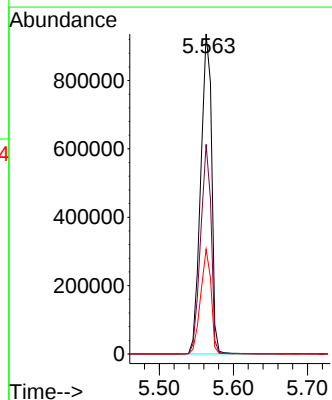
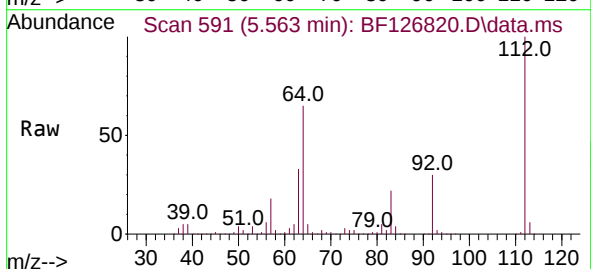
Instrument :
BNA_F
ClientSampleId :
DB-07(13.5-15)-02-02-22

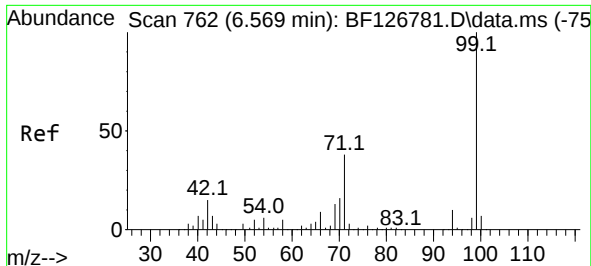
Tgt Ion:152 Resp: 139814
Ion Ratio Lower Upper
152 100
150 154.9 128.1 192.1
115 70.5 56.7 85.1



#5
2-Fluorophenol
Concen: 93.984 ng
RT: 5.563 min Scan# 591
Delta R.T. -0.000 min
Lab File: BF126820.D
Acq: 04 Feb 2022 19:26

Tgt Ion:112 Resp: 959382
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 32.8 23.9 35.9





#7

Phenol-d6

Concen: 92.640 ng

RT: 6.563 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF126820.D

Acq: 04 Feb 2022 19:26

Instrument :

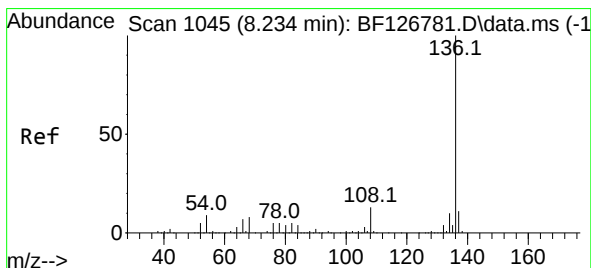
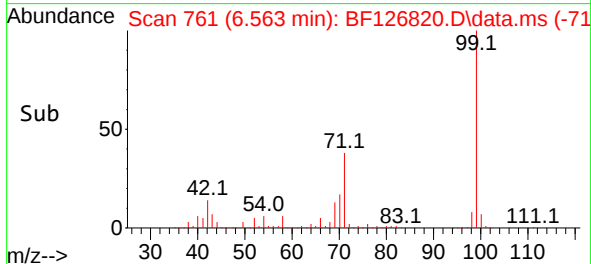
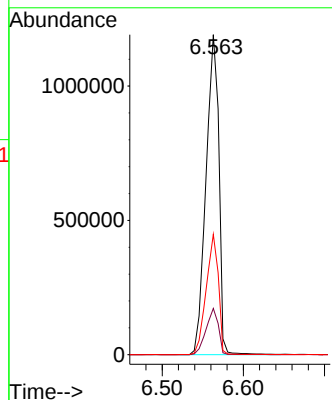
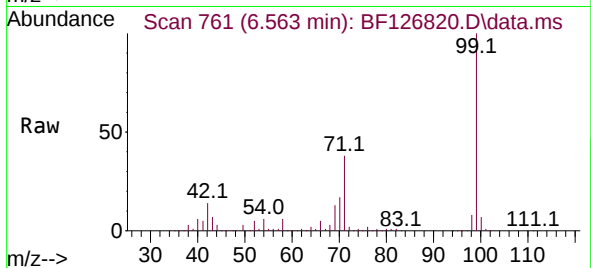
BNA_F

ClientSampleId :

DB-07(13.5-15)-02-02-22

Tgt Ion: 99 Resp: 1308103

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.2	21.4
71	37.6	24.3	36.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.228 min Scan# 1044

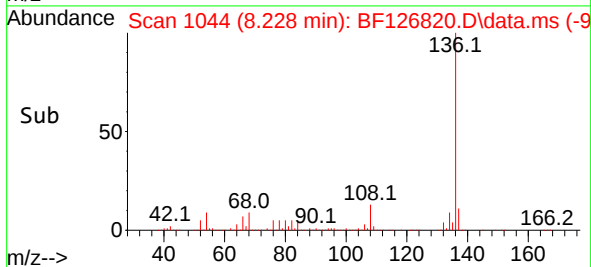
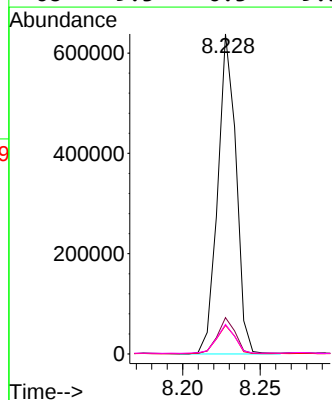
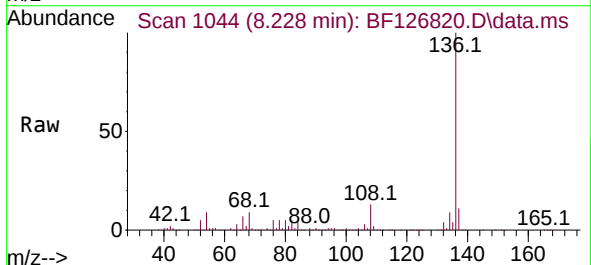
Delta R.T. -0.006 min

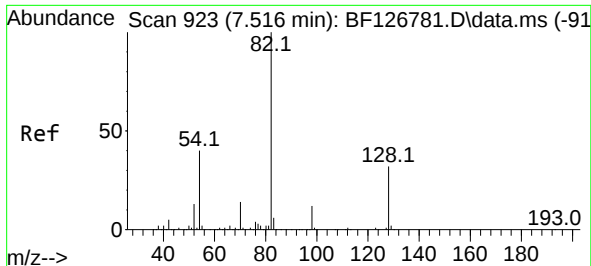
Lab File: BF126820.D

Acq: 04 Feb 2022 19:26

Tgt Ion:136 Resp: 524889

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.0	7.8	11.6
68	9.3	6.3	9.5

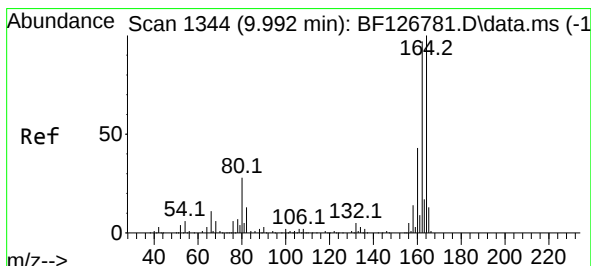
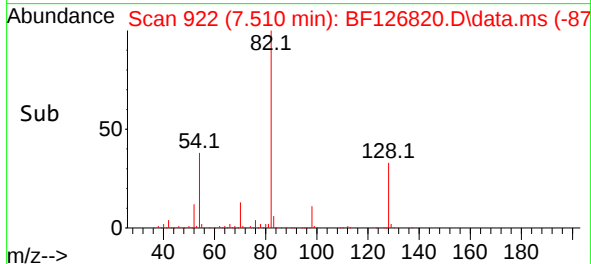
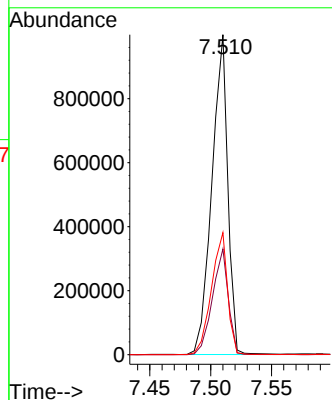
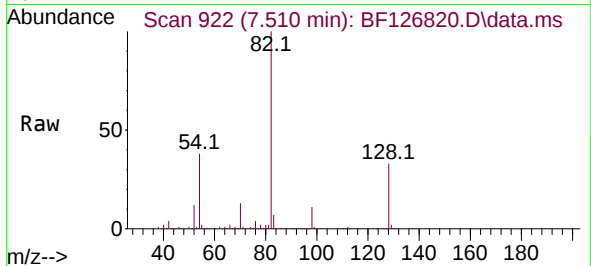




#23
Nitrobenzene-d5
Concen: 64.545 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126820.D
Acq: 04 Feb 2022 19:26

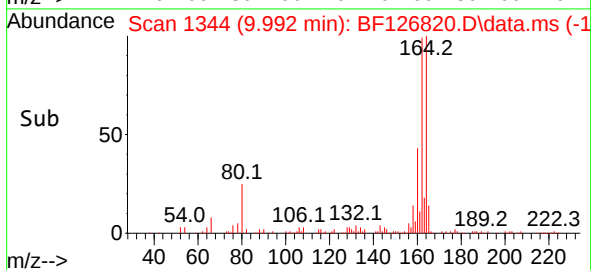
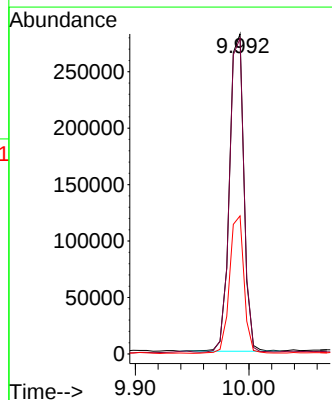
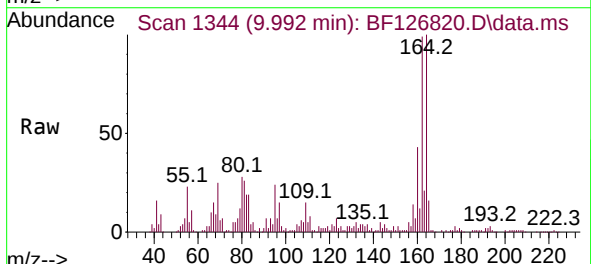
Instrument :
BNA_F
ClientSampleId :
DB-07(13.5-15)-02-02-22

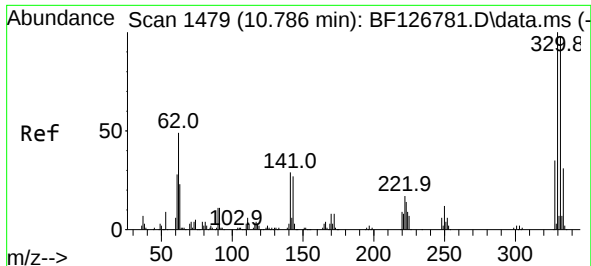
Tgt Ion: 82 Resp: 905250
Ion Ratio Lower Upper
82 100
128 33.0 32.7 49.1
54 38.2 41.7 62.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF126820.D
Acq: 04 Feb 2022 19:26

Tgt Ion: 164 Resp: 247396
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 43.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 81.216 ng

RT: 10.780 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126820.D

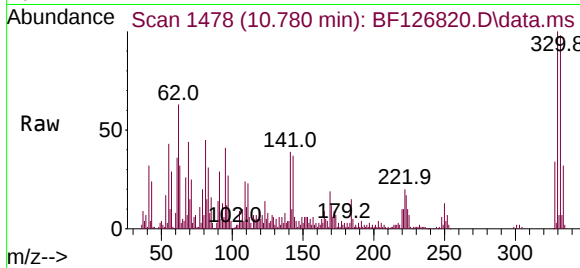
Acq: 04 Feb 2022 19:26

Instrument :

BNA_F

ClientSampleId :

DB-07(13.5-15)-02-02-22



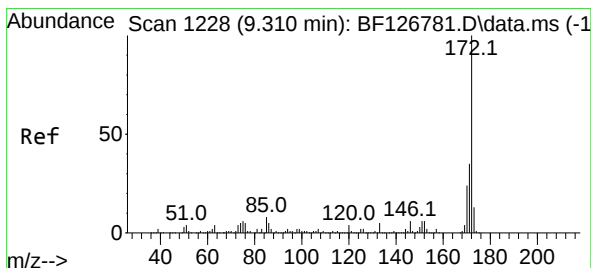
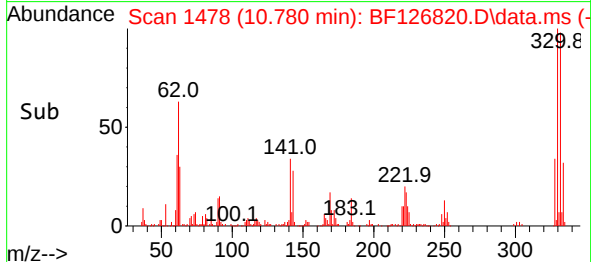
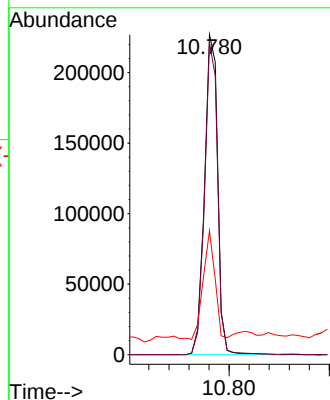
Tgt Ion:330 Resp: 208527

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

141 29.8 30.1 45.1#



#45

2-Fluorobiphenyl

Concen: 69.976 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126820.D

Acq: 04 Feb 2022 19:26

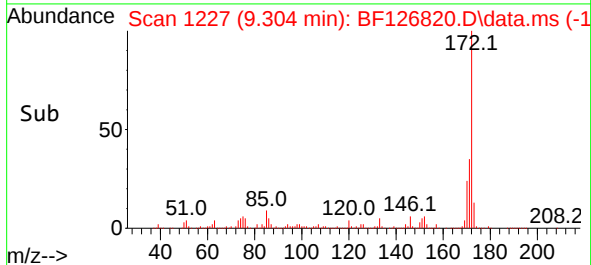
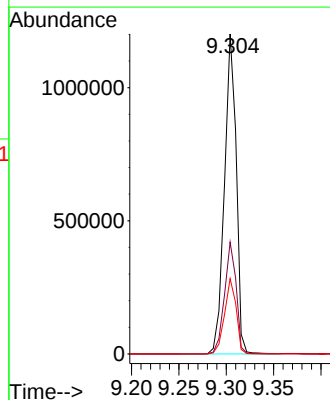
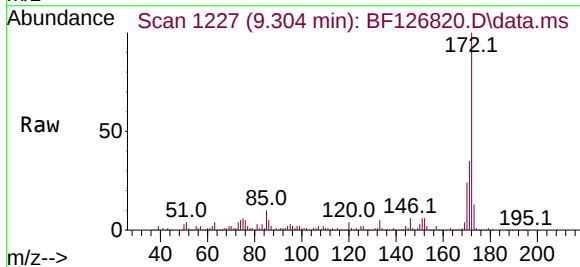
Tgt Ion:172 Resp: 1045499

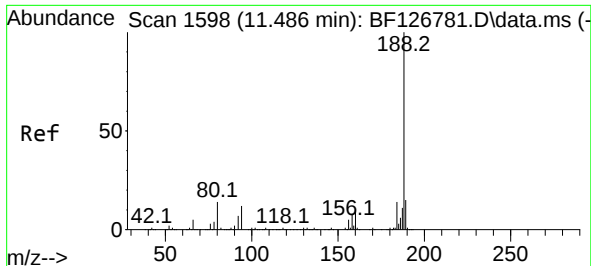
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.5 19.0 28.6

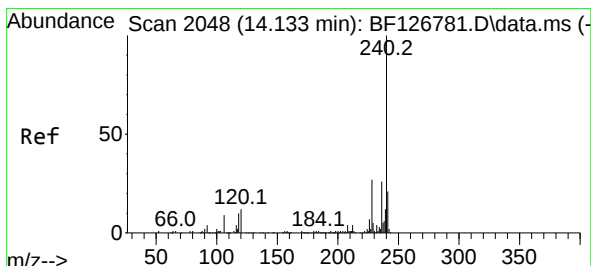
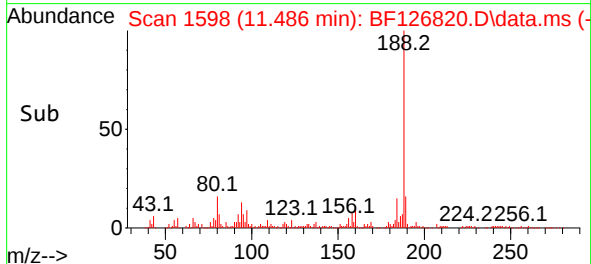
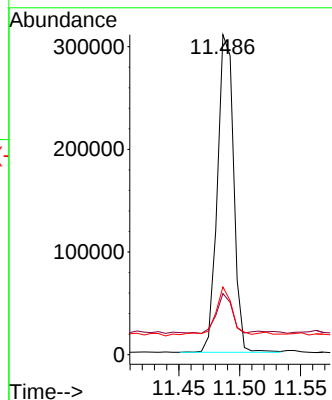
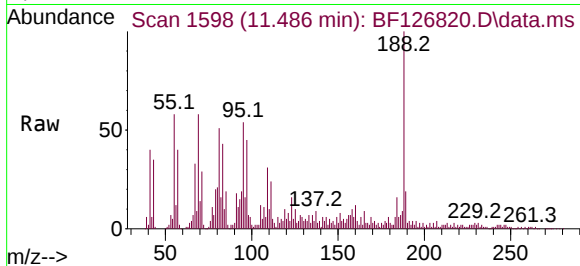




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126820.D
Acq: 04 Feb 2022 19:26

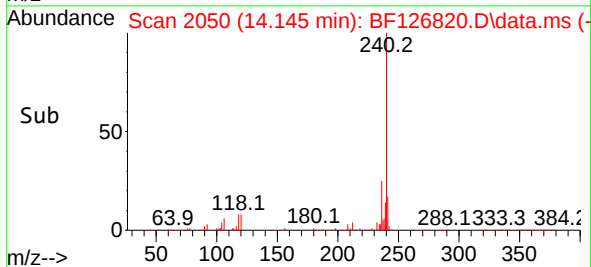
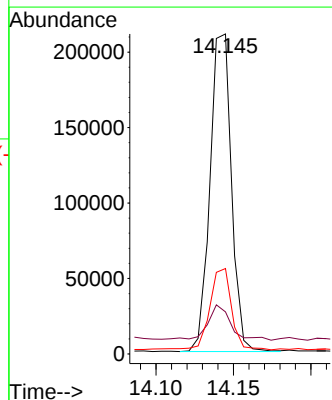
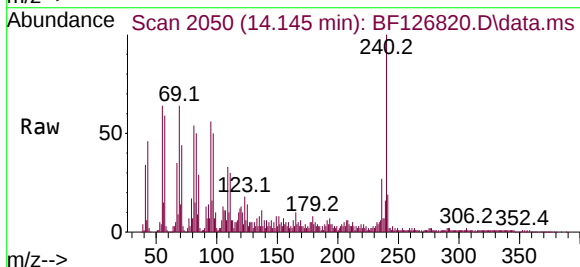
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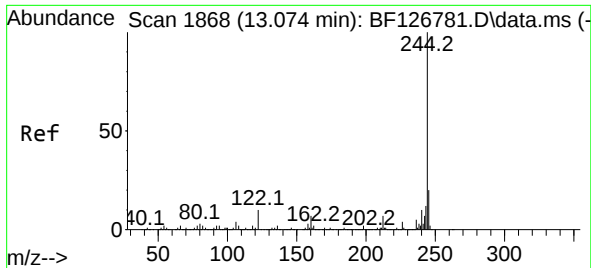
Tgt Ion:188 Resp: 287771
Ion Ratio Lower Upper
188 100
94 19.1 10.1 15.1#
80 21.1 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. 0.012 min
Lab File: BF126820.D
Acq: 04 Feb 2022 19:26

Tgt Ion:240 Resp: 202558
Ion Ratio Lower Upper
240 100
120 13.2 14.4 21.6#
236 26.7 20.5 30.7

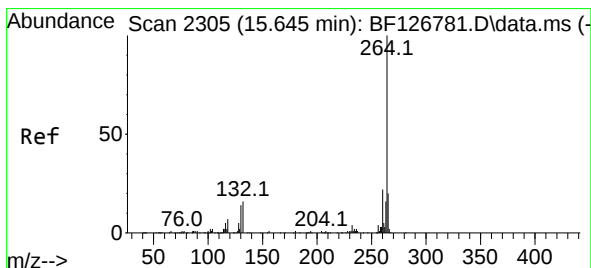
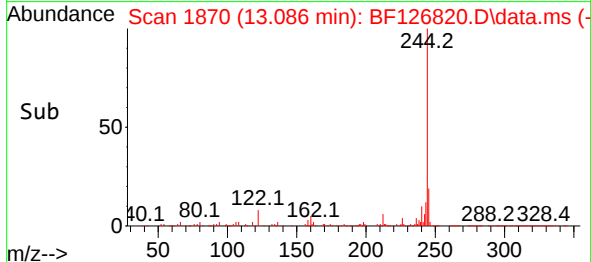
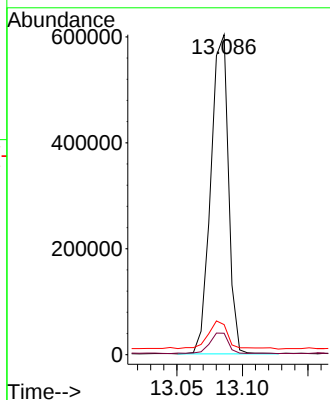
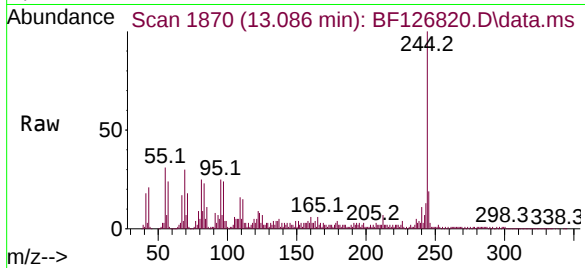




#79
 Terphenyl-d14
 Concen: 46.650 ng
 RT: 13.086 min Scan# 1868
 Delta R.T. 0.012 min
 Lab File: BF126820.D
 Acq: 04 Feb 2022 19:26

Instrument :
 BNA_F
 ClientSampleId :
 DB-07(13.5-15)-02-02-22

Tgt Ion:244 Resp: 564865
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 9.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2308
 Delta R.T. 0.018 min
 Lab File: BF126820.D
 Acq: 04 Feb 2022 19:26

Tgt Ion:264 Resp: 239671
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.5 17.4 26.2

