

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124731.D
 Acq On : 24 Jul 2021 1:09
 Operator : JU/CG
 Sample : M3114-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210585-COM-8

Quant Time: Jul 24 02:27:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6842	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	26715	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	15095	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	27439	20.000	ng	0.00
76) Chrysene-d12	14.027	240	16428	20.000	ng	#-0.01
86) Perylene-d12	15.498	264	13298	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	40187	99.449	ng	0.00
7) Phenol-d6	6.493	99	47210	93.190	ng	0.00
23) Nitrobenzene-d5	7.428	82	29948	66.720	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	12764	98.484	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	56028	54.515	ng	0.00
79) Terphenyl-d14	12.974	244	51999	54.257	ng	-0.01

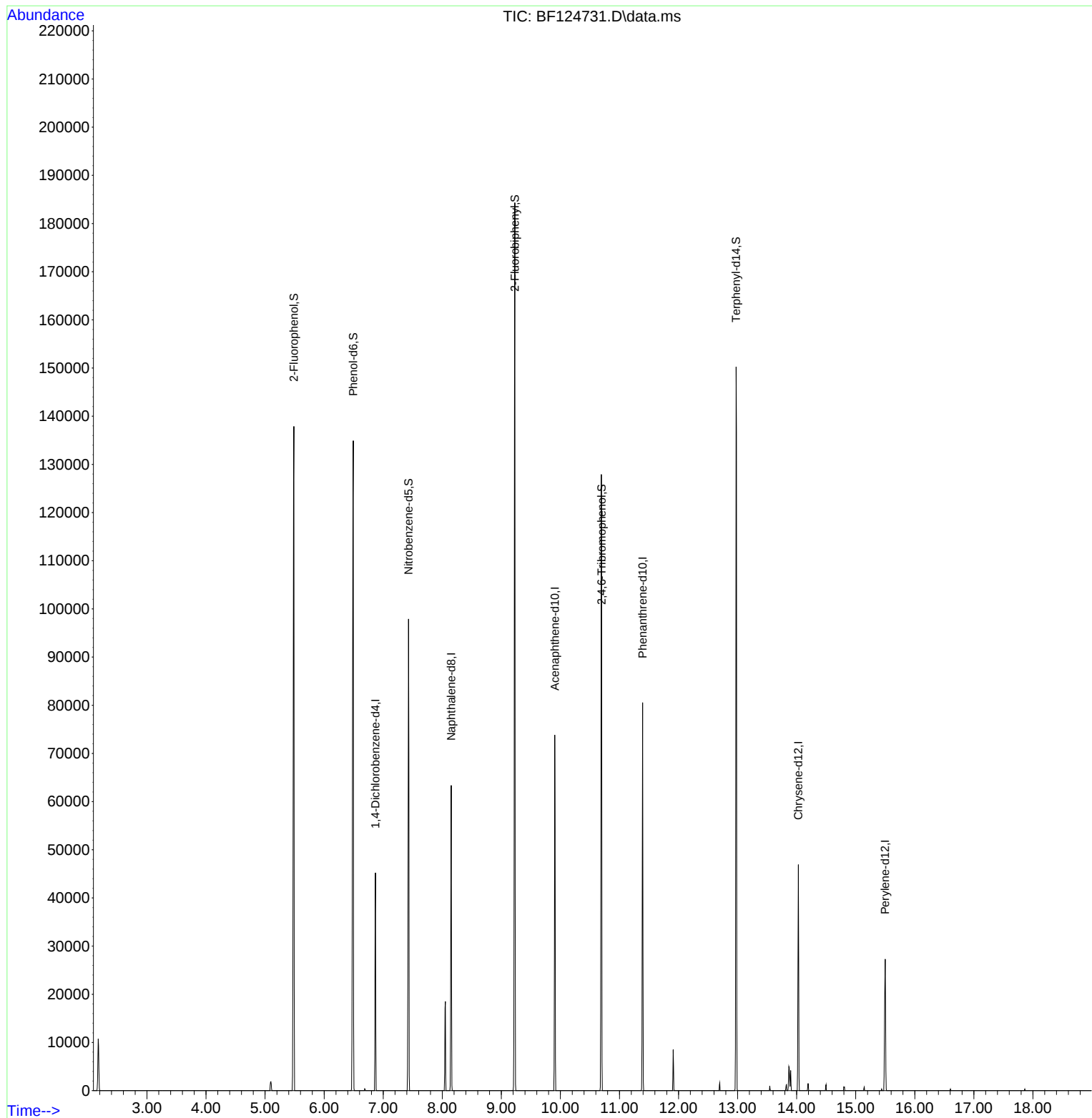
Target Compounds	Qvalue

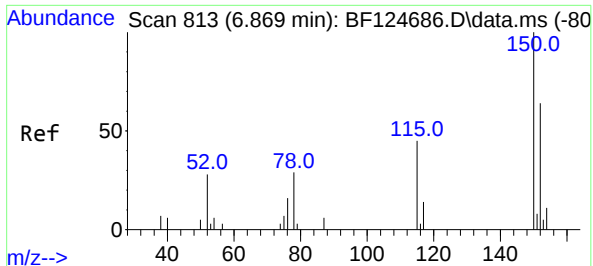
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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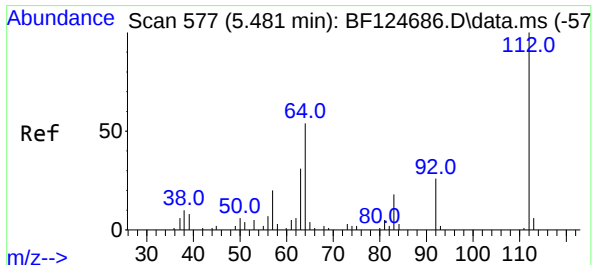
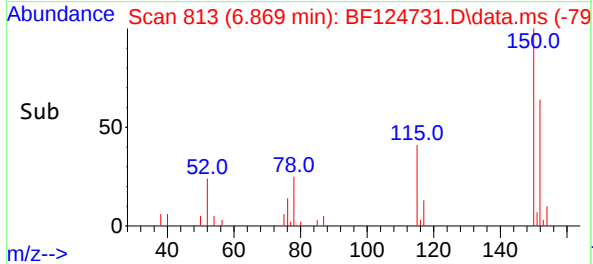
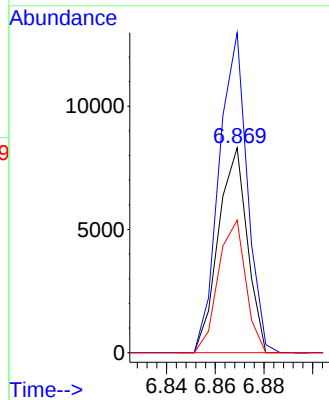
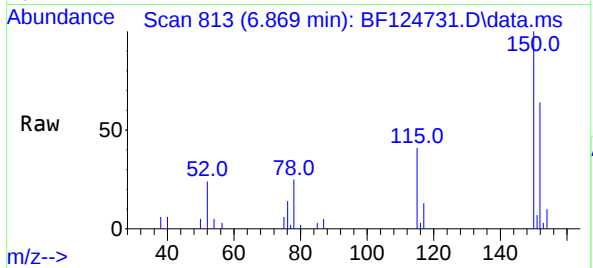




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

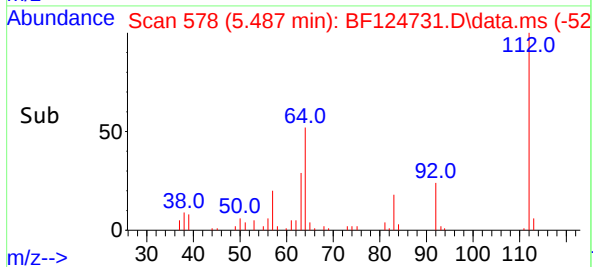
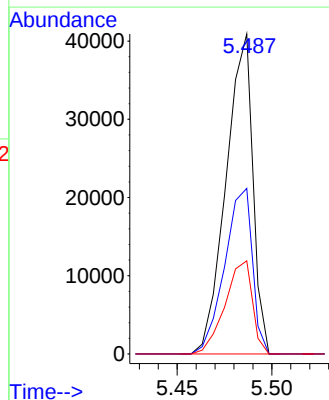
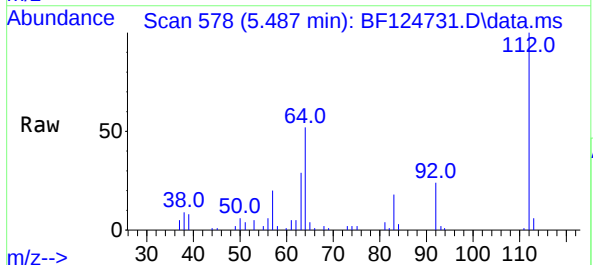
Instrument :
BNA_F
ClientSampleId :
20210585-COM-8

Tgt Ion:152 Resp: 6842
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 64.6 47.1 70.7



#5
2-Fluorophenol
Concen: 99.449 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion:112 Resp: 40187
Ion Ratio Lower Upper
112 100
64 51.7 44.2 66.2
63 29.1 26.2 39.2



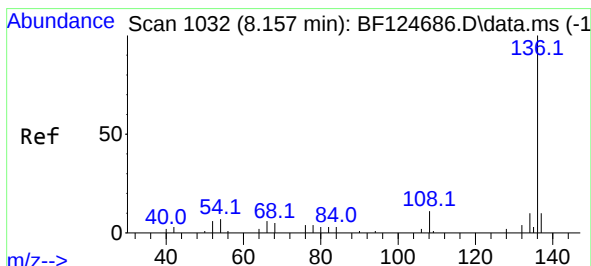
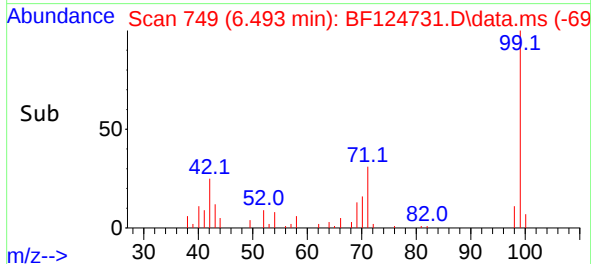
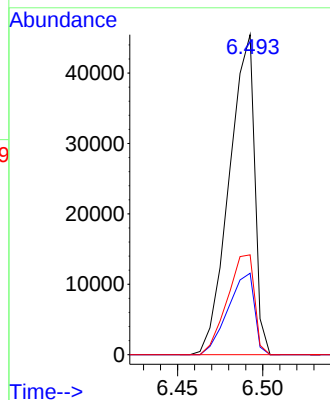
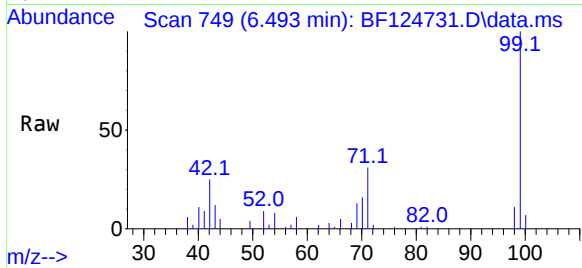


#7
Phenol-d6
Concen: 93.190 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Instrument :
BNA_F
ClientSampleId :
20210585-COM-8

Tgt Ion: 99 Resp: 47210

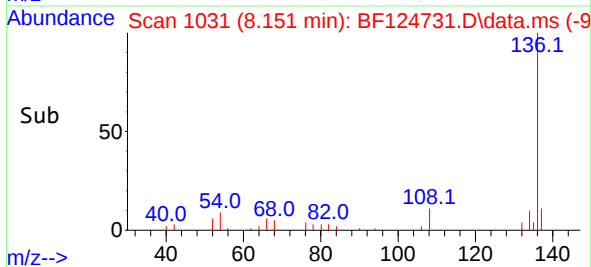
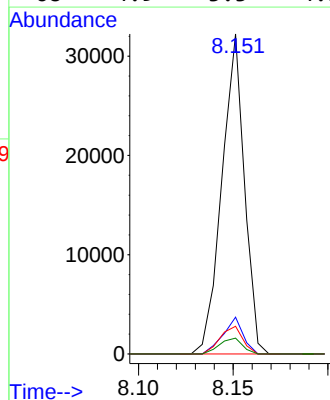
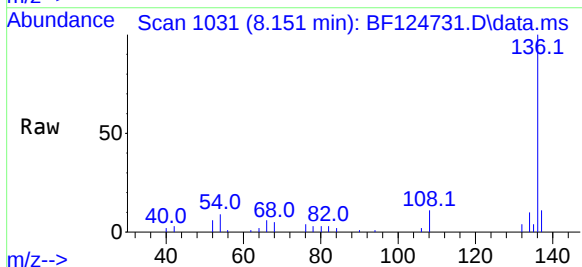
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	31.2	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion: 136 Resp: 26715

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	8.7	6.4	9.6
68	4.9	3.3	4.9





#23

Nitrobenzene-d5

Concen: 66.720 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124731.D

Acq: 24 Jul 2021 1:09

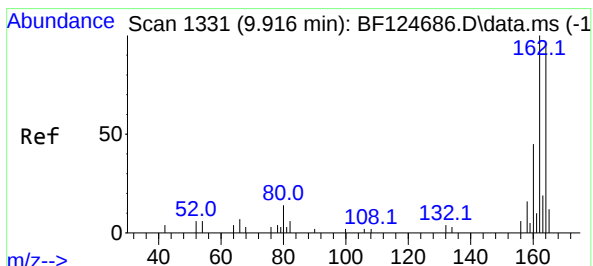
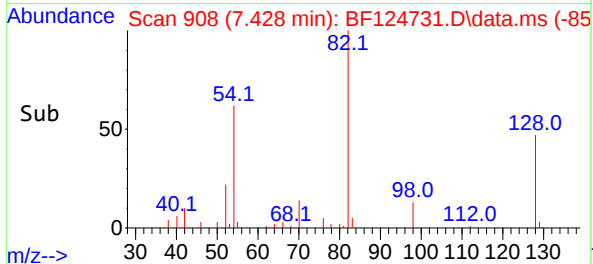
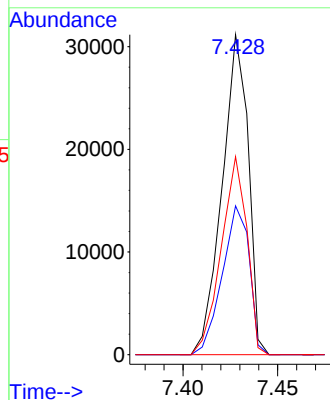
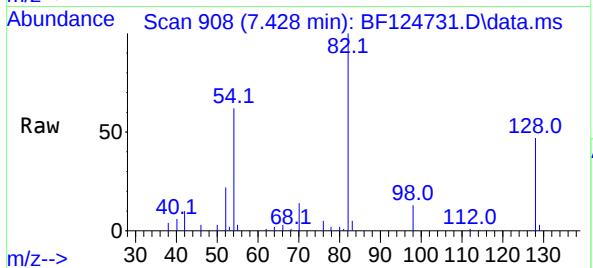
Tgt Ion:	82	Resp:	29948
Ion	Ratio	Lower	Upper
82	100		
128	46.5	40.6	60.8
54	61.8	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

20210585-COM-8



#39

Acenaphthene-d10

Concen: 20.000 ng

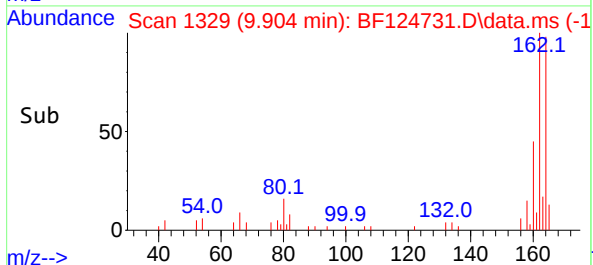
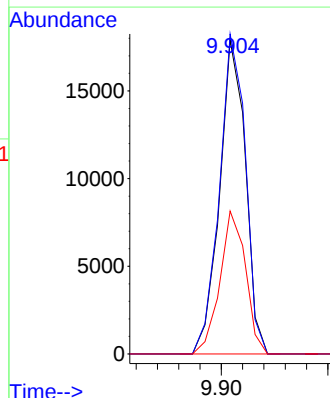
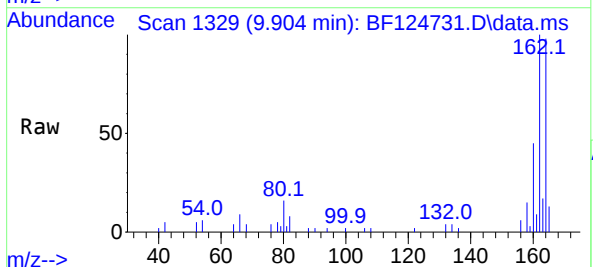
RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF124731.D

Acq: 24 Jul 2021 1:09

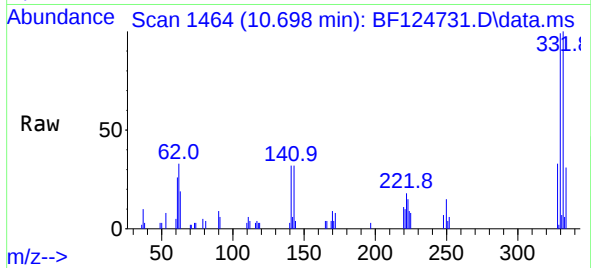
Tgt Ion:	164	Resp:	15095
Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.3	121.9
160	45.5	38.0	57.0



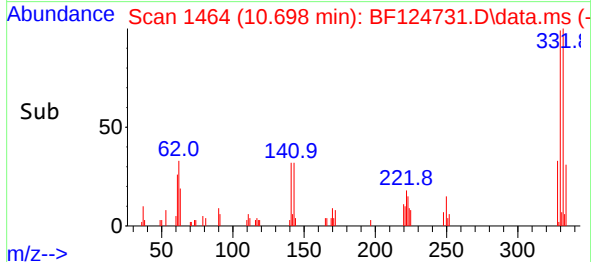
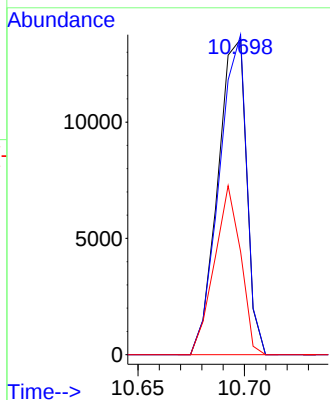


#42
2,4,6-Tribromophenol
Concen: 98.484 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Instrument :
BNA_F
ClientSampleId :
20210585-COM-8

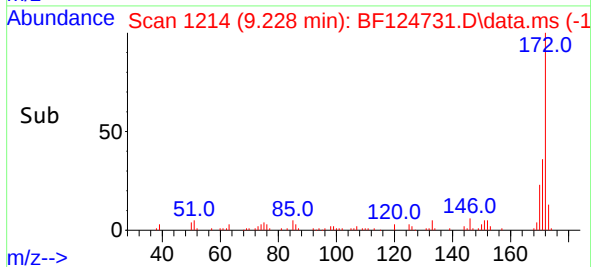
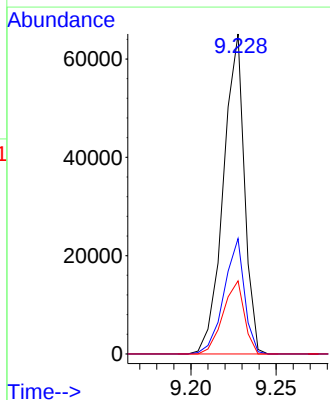
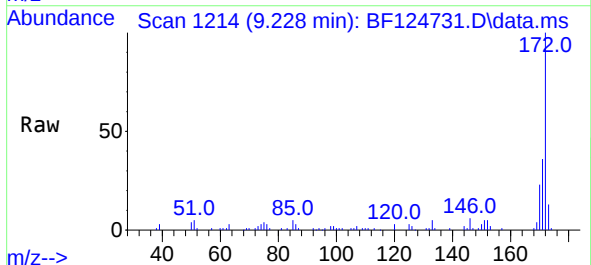


Tgt Ion:330 Resp: 12764
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 49.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 54.515 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion:172 Resp: 56028
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 22.8 18.8 28.2

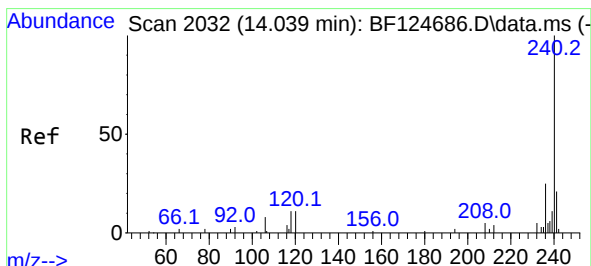
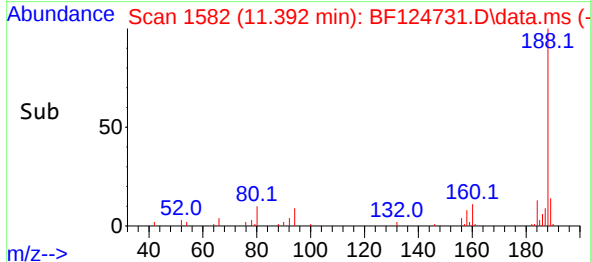
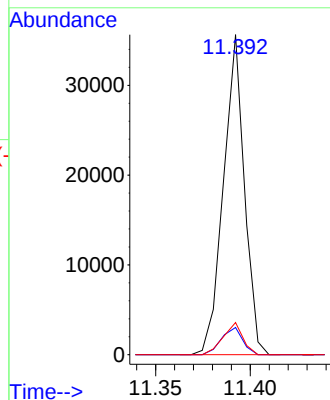
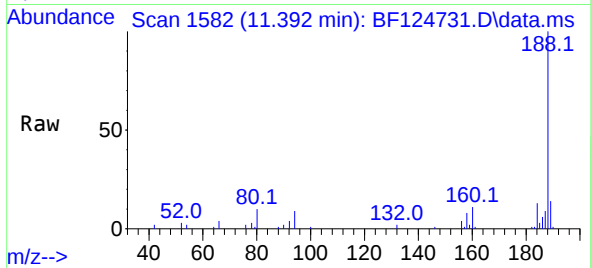




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

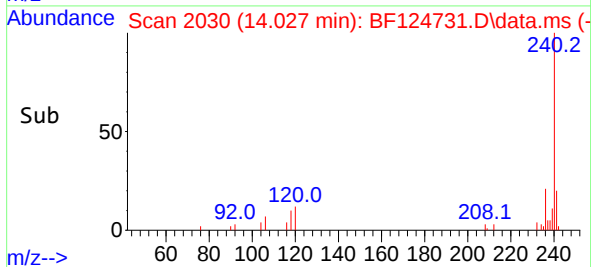
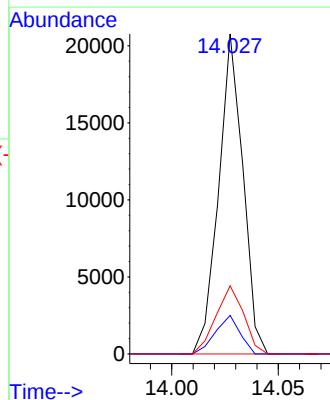
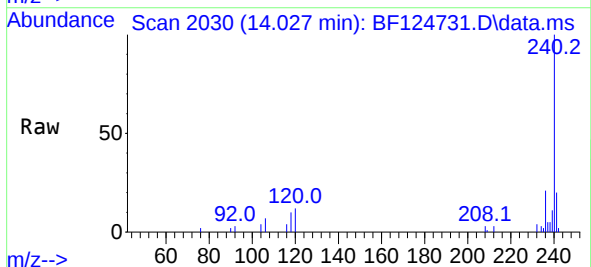
Instrument :
BNA_F
ClientSampleId :
20210585-COM-8

Tgt Ion:188 Resp: 27439
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 10.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion:240 Resp: 16428
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 21.3 21.6 32.4#

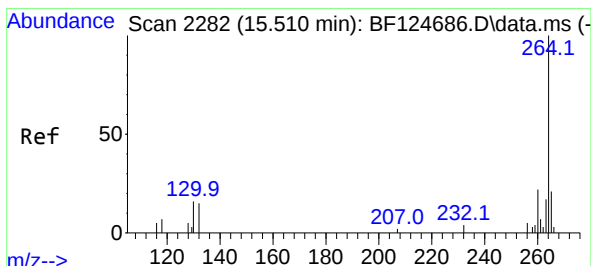
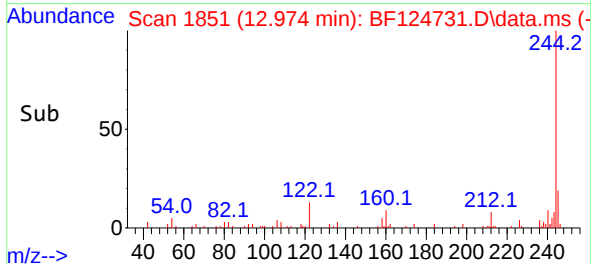
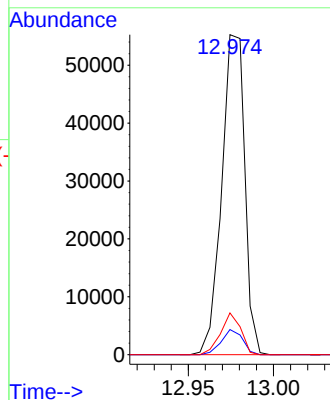
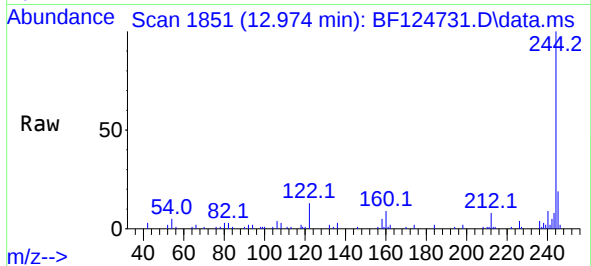




#79
Terphenyl-d14
Concen: 54.257 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Instrument :
BNA_F
ClientSampleId :
20210585-COM-8

Tgt Ion:244	Resp:	51999
Ion Ratio	Lower	Upper
244	100	
212	7.9	5.9 8.9
122	13.0	9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion:264	Resp:	13298
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.6 29.4
265	20.8	17.2 25.8

