

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128801.D
 Acq On : 14 Jun 2022 15:46
 Operator : CG\JU
 Sample : N3329-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PALMYRA-RT-73-COMP-2

Quant Time: Jun 15 01:01:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76146	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	293487	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	160932	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	288611	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	166600	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	170975	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	401315	83.948	ng	0.00
7) Phenol-d6	6.434	99	512959	87.904	ng	0.00
23) Nitrobenzene-d5	7.345	82	359924	57.098	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	127018	66.799	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	707064	61.545	ng	0.00
79) Terphenyl-d14	12.898	244	673812	70.279	ng	0.00

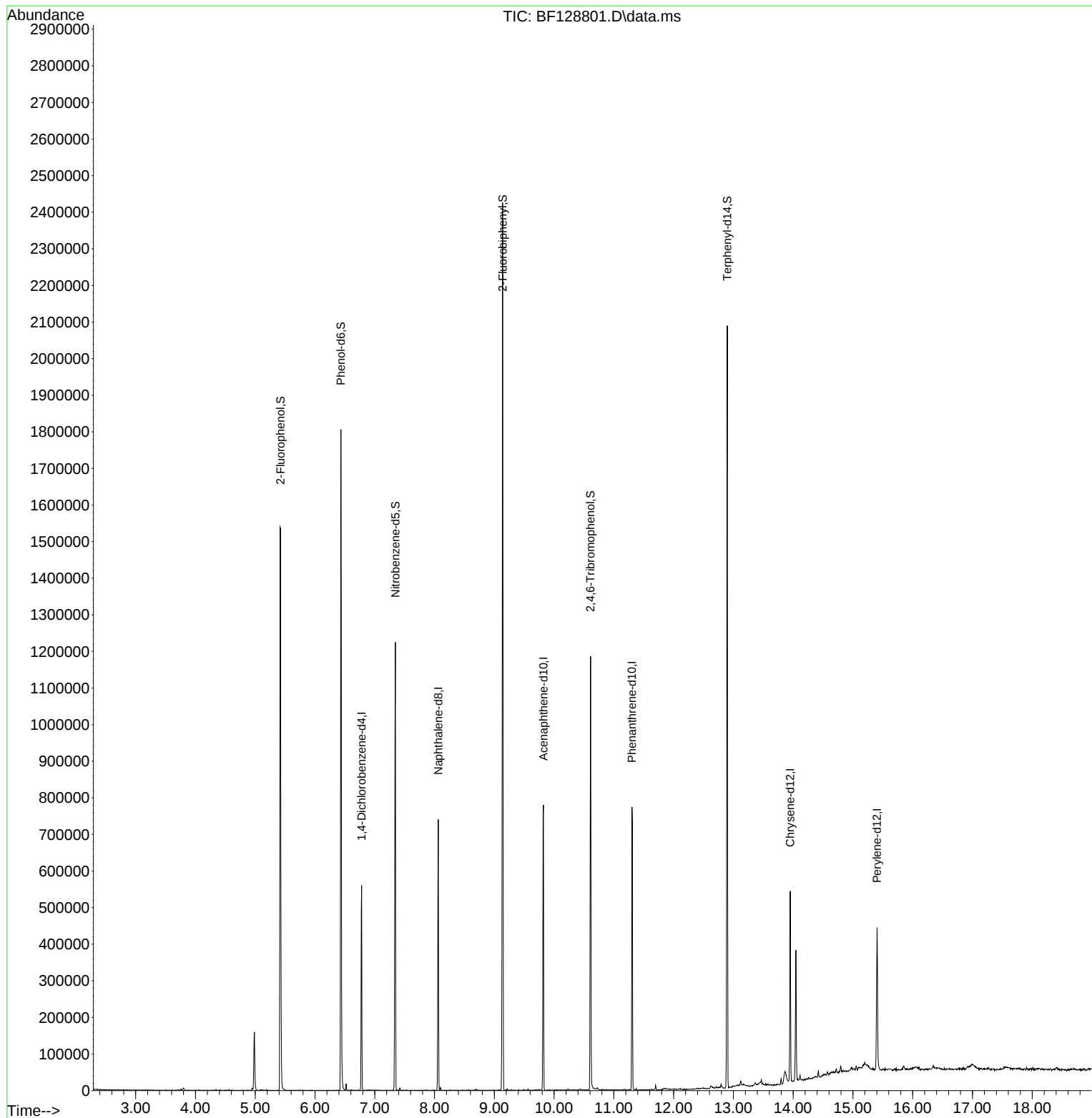
Target Compounds	Qvalue

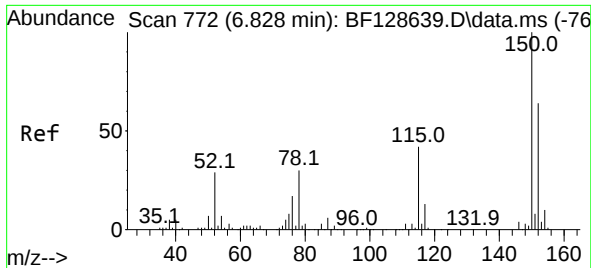
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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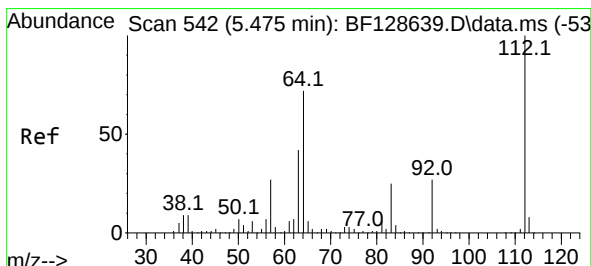
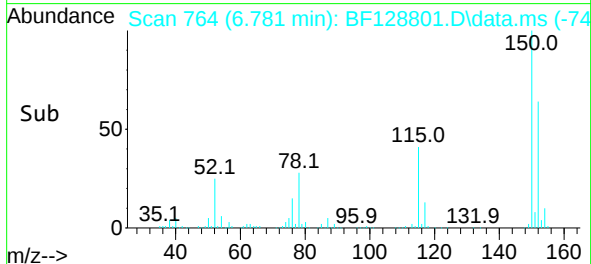
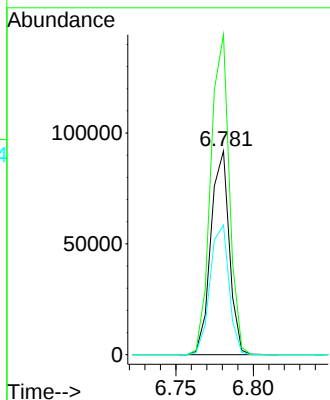
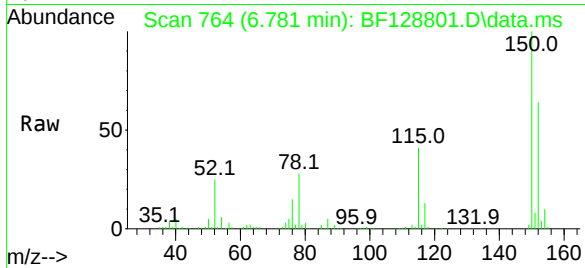




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

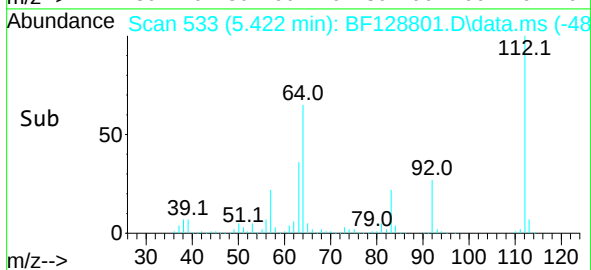
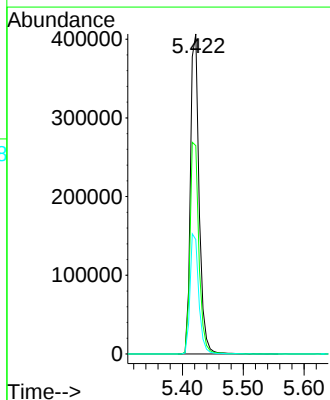
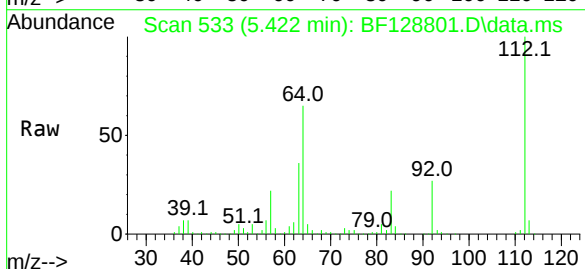
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-2

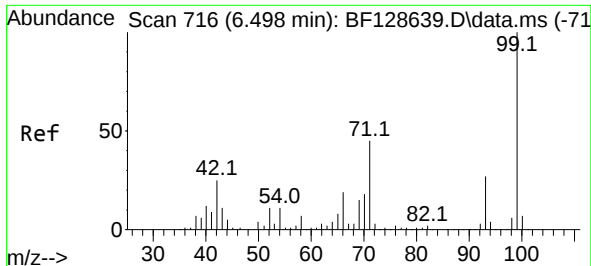
Tgt Ion:152 Resp: 76146
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 83.948 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

Tgt Ion:112 Resp: 401315
Ion Ratio Lower Upper
112 100
64 65.1 53.3 79.9
63 35.8 28.0 42.0

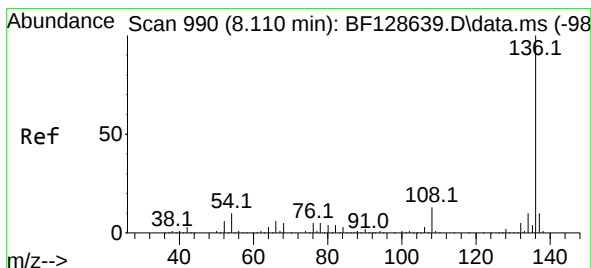
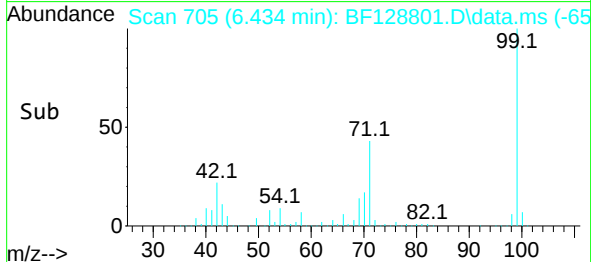
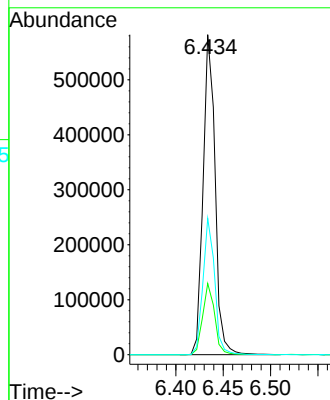
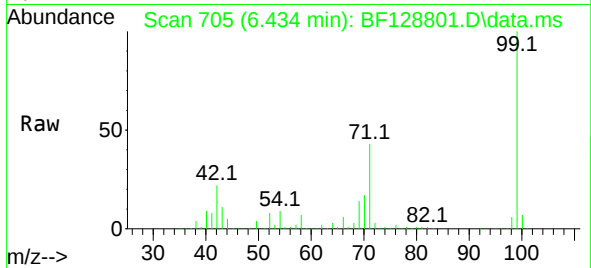




#7
Phenol-d6
Concen: 87.904 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

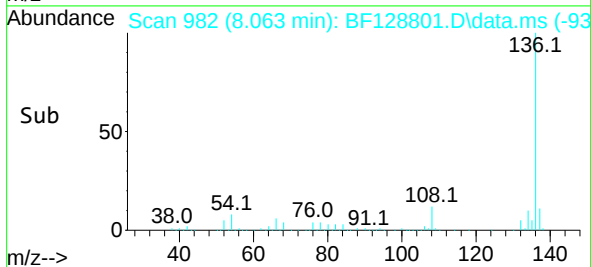
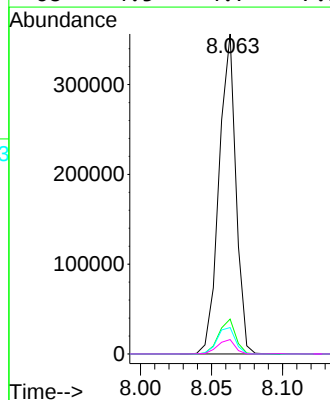
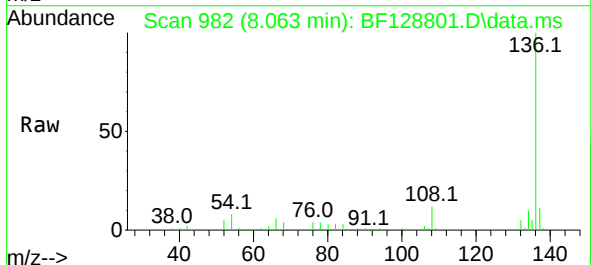
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-2

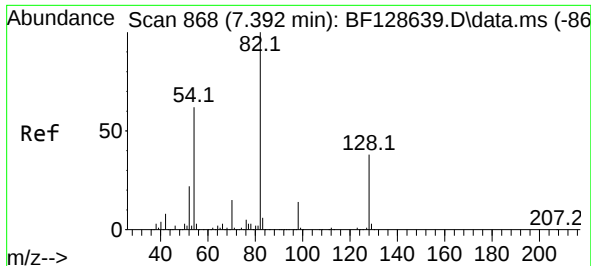
Tgt Ion: 99 Resp: 512959
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 42.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

Tgt Ion: 136 Resp: 293487
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 7.5 11.3
68 4.5 4.7 7.1#

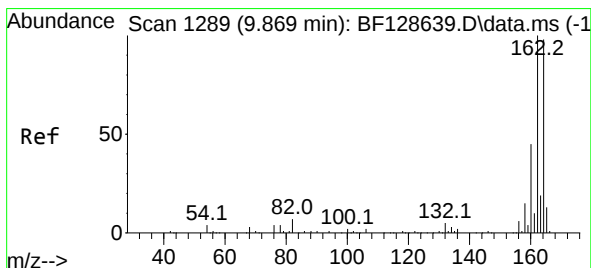
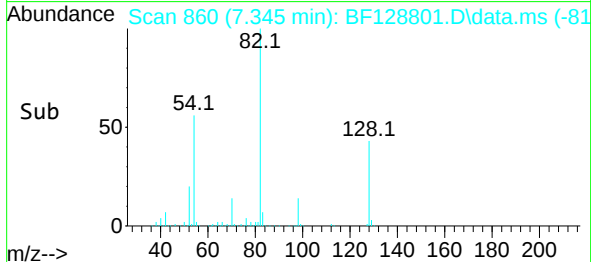
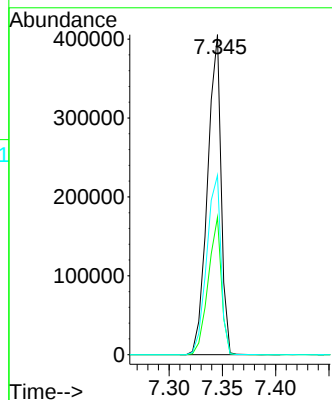
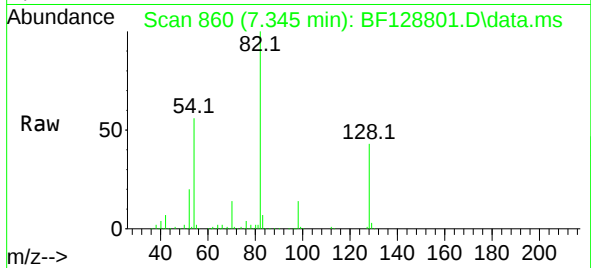




#23
Nitrobenzene-d5
Concen: 57.098 ng
RT: 7.345 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

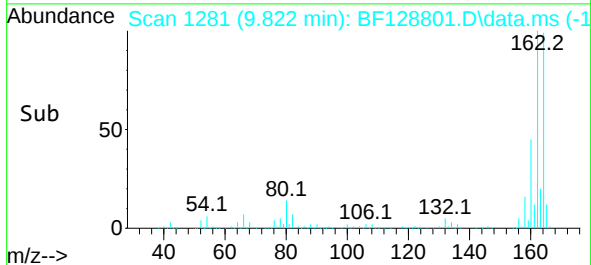
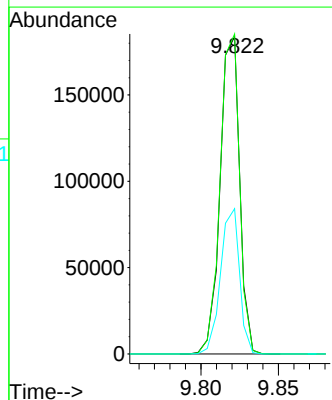
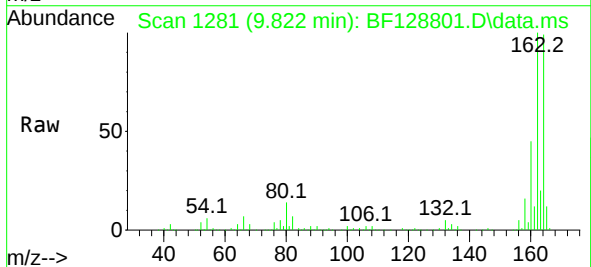
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-2

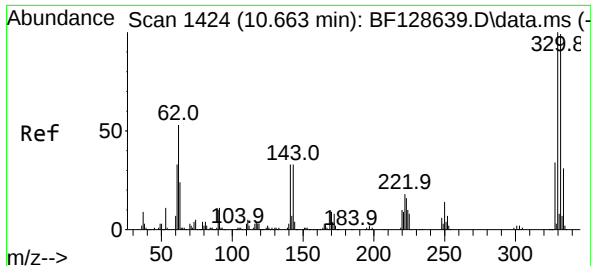
Tgt Ion: 82 Resp: 359924
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 56.1 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

Tgt Ion:164 Resp: 160932
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 66.799 ng

RT: 10.610 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF128801.D

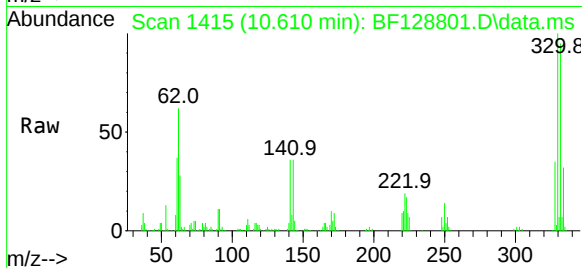
Acq: 14 Jun 2022 15:46

Instrument :

BNA_F

ClientSampleId :

PALMYRA-RT-73-COMP-2



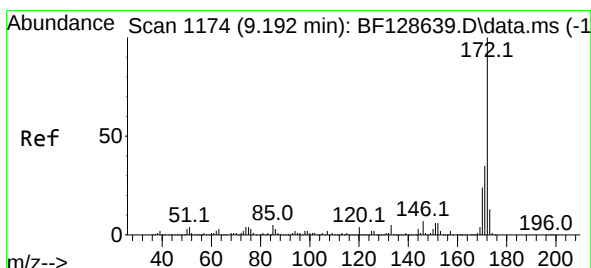
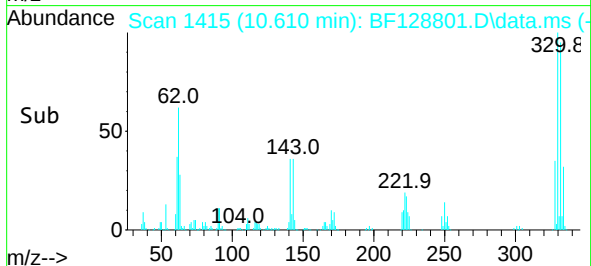
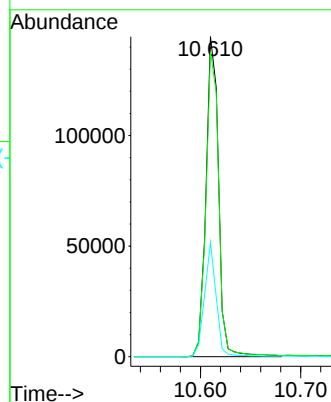
Tgt Ion:330 Resp: 127018

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 33.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 61.545 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128801.D

Acq: 14 Jun 2022 15:46

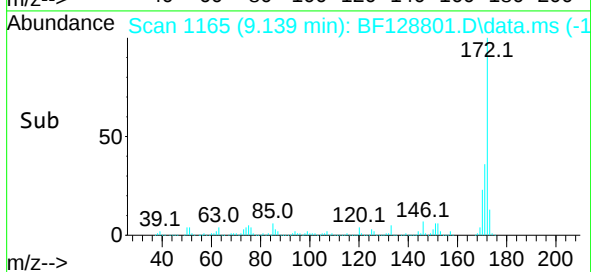
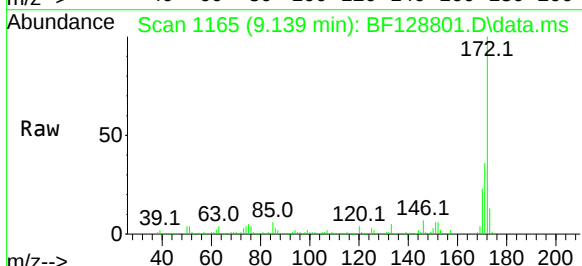
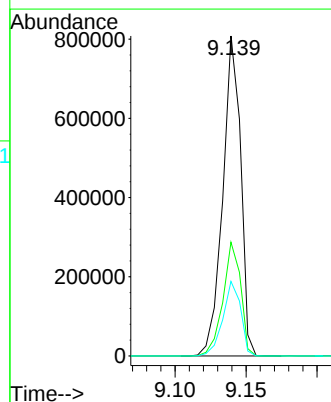
Tgt Ion:172 Resp: 707064

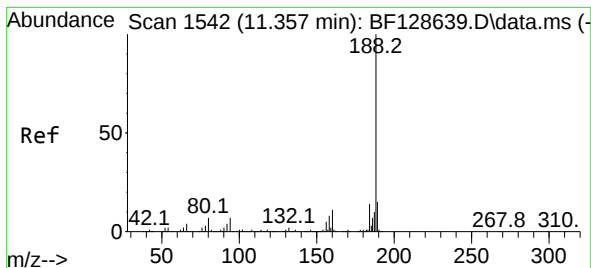
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.3 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128801.D

Acq: 14 Jun 2022 15:46

Instrument :

BNA_F

ClientSampleId :

PALMYRA-RT-73-COMP-2

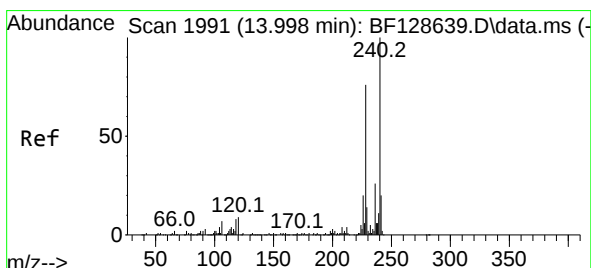
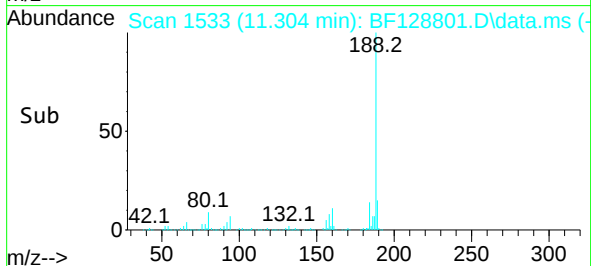
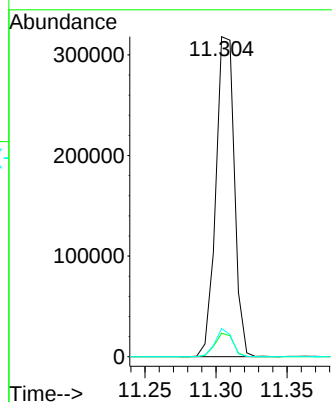
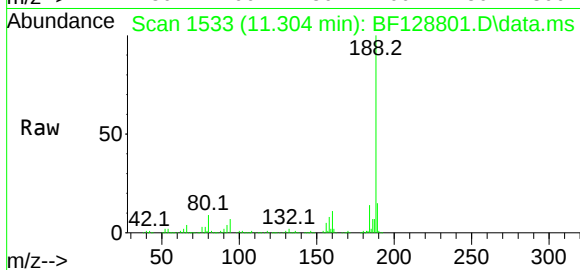
Tgt Ion:188 Resp: 288611

Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.6

80 8.8 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BF128801.D

Acq: 14 Jun 2022 15:46

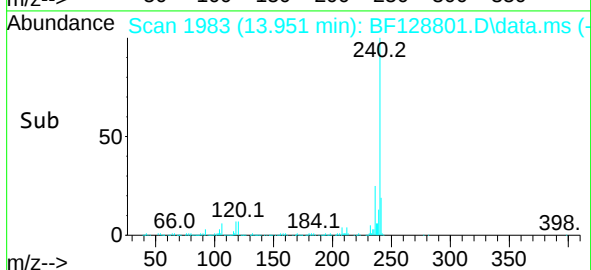
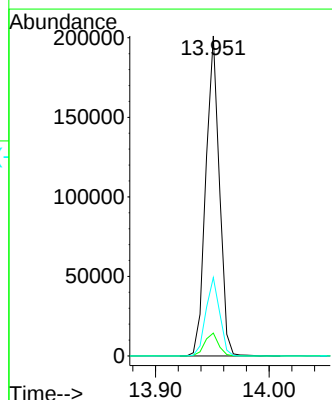
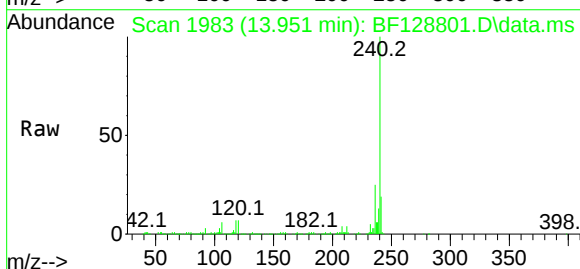
Tgt Ion:240 Resp: 166600

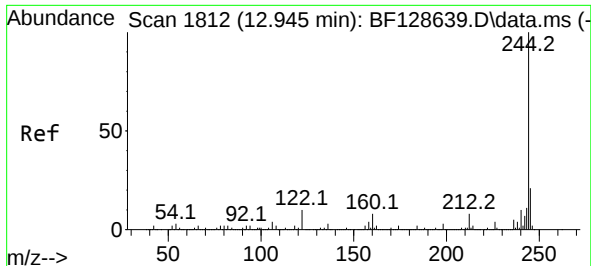
Ion Ratio Lower Upper

240 100

120 7.1 8.9 13.3#

236 24.5 20.8 31.2

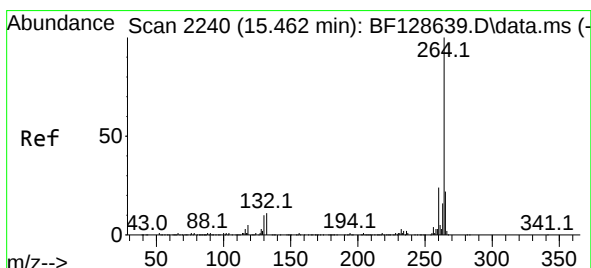
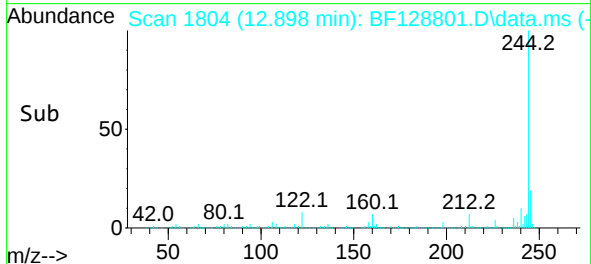
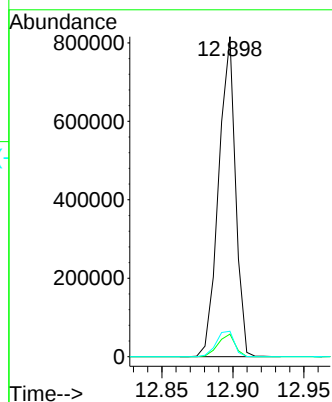
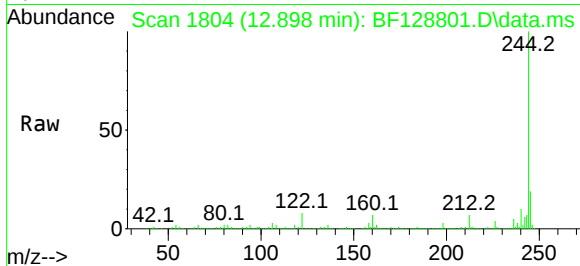




#79
 Terphenyl-d14
 Concen: 70.279 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128801.D
 Acq: 14 Jun 2022 15:46

Instrument :
 BNA_F
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 PALMYRA-RT-73-COMP-2

Tgt Ion:244 Resp: 673812
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 7.9 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. -0.012 min
 Lab File: BF128801.D
 Acq: 14 Jun 2022 15:46

Tgt Ion:264 Resp: 170975
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 19.9 17.2 25.8

