

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128627.D
 Acq On : 01 Jun 2022 17:25
 Operator : CG\JU
 Sample : N2953-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P043-SS001-1824-01

Quant Time: Jun 02 09:36:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

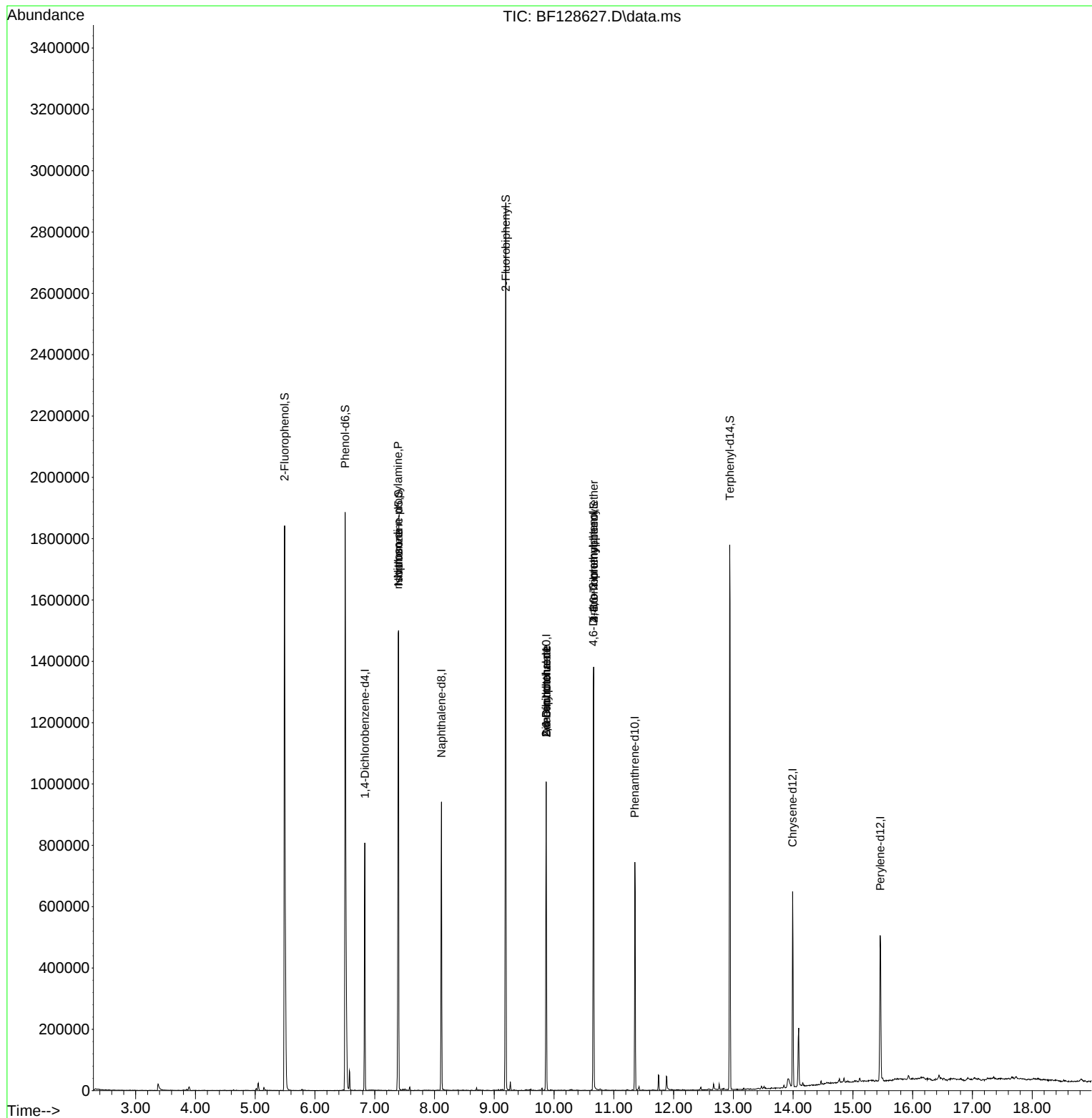
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	101121	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	365663	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	176407	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	262458	20.000	ng	-0.02
76) Chrysene-d12	13.992	240	205772	20.000	ng	#-0.02
86) Perylene-d12	15.457	264	217543	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	531219	87.016	ng	0.04
7) Phenol-d6	6.504	99	667652	85.774	ng	0.04
23) Nitrobenzene-d5	7.398	82	491612	77.558	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	156275	93.071	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	783313	72.140	ng	-0.01
79) Terphenyl-d14	12.939	244	606244	56.919	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	1427	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.393	70	70629	14.799	ng	# 80
25) Isophorone	7.398	82	490075	41.911	ng	# 65
50) Dimethylphthalate	9.869	163	33228	2.904	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	22550	10.753	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	22550	8.988	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.657	198	350	5.757	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	10536	3.885	ng	# 1

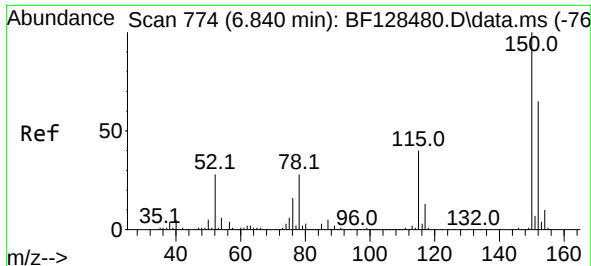
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
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P043-SS001-1824-01

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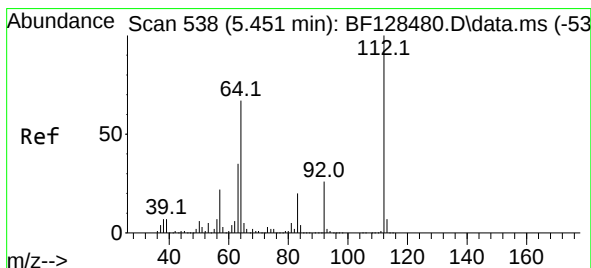
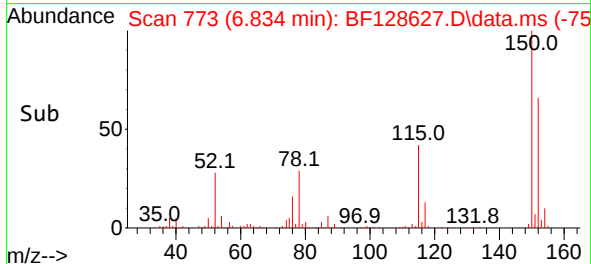
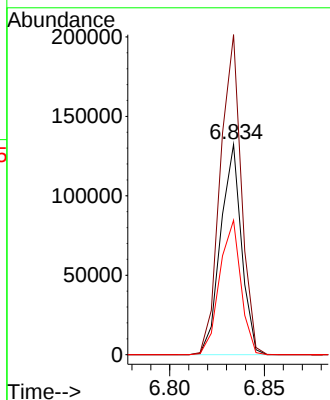
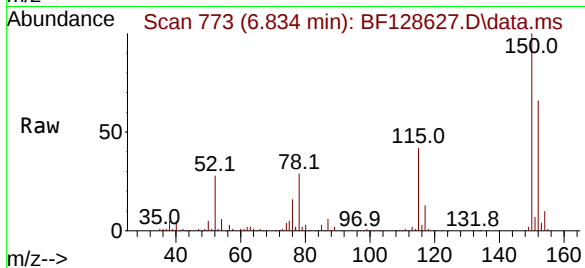




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

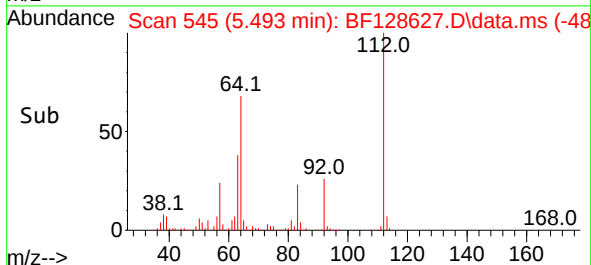
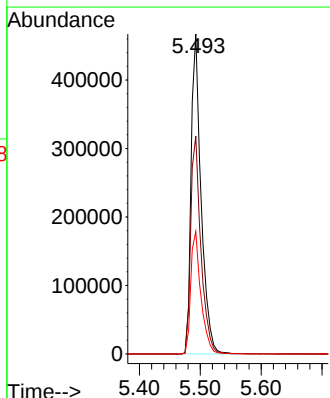
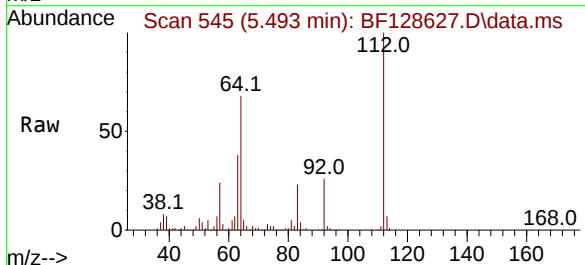
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1824-01

Tgt Ion:152 Resp: 101121
Ion Ratio Lower Upper
152 100
150 152.2 123.7 185.5
115 64.0 49.9 74.9



#5
2-Fluorophenol
Concen: 87.016 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

Tgt Ion:112 Resp: 531219
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 38.2 28.0 42.0

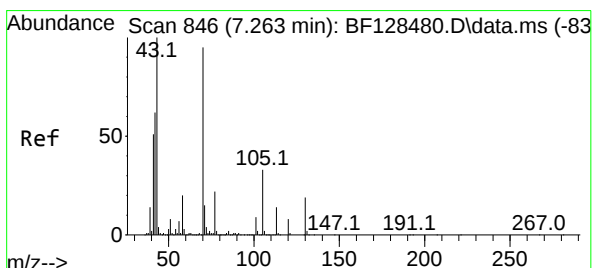
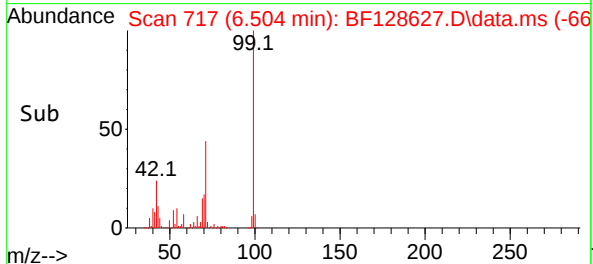
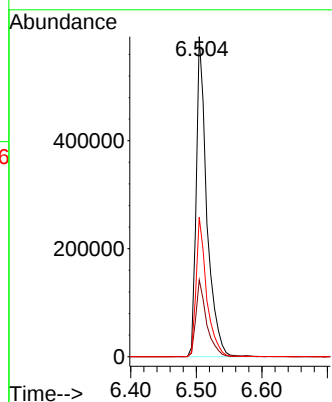
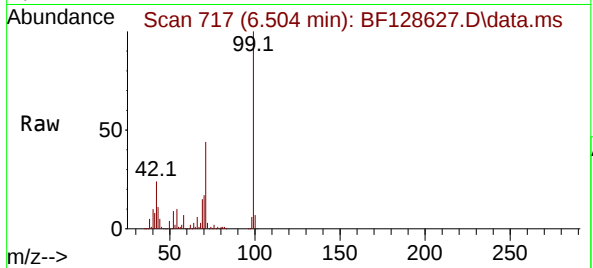




#7
Phenol-d6
Concen: 85.774 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.035 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

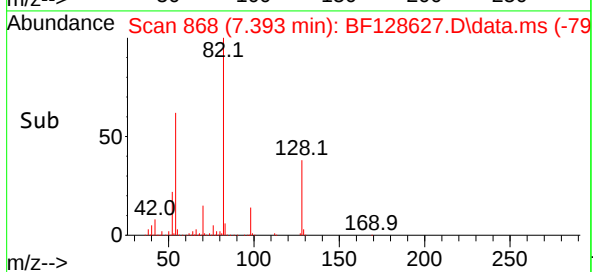
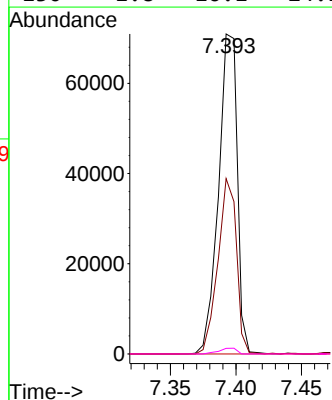
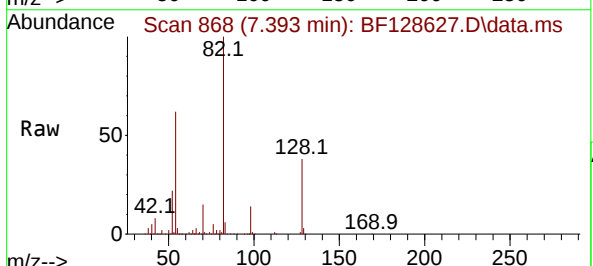
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BNA_F
ClientSampleId :
P043-SS001-1824-01

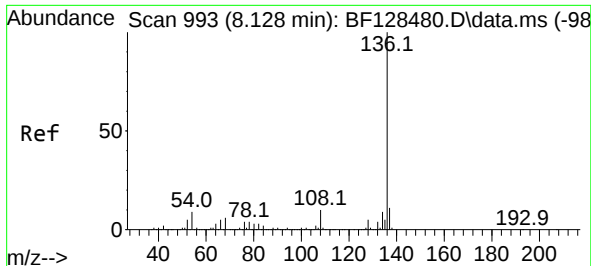
Tgt Ion: 99 Resp: 667652
Ion Ratio Lower Upper
99 100
42 24.0 17.3 25.9
71 43.5 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.799 ng
RT: 7.393 min Scan# 868
Delta R.T. 0.129 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

Tgt Ion: 70 Resp: 70629
Ion Ratio Lower Upper
70 100
42 54.8 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

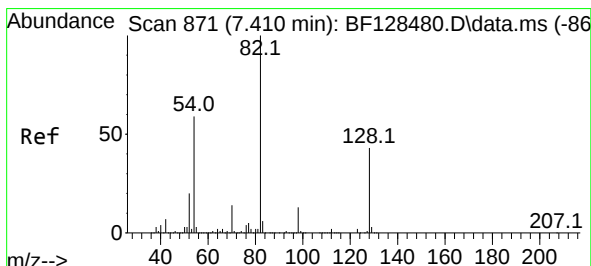
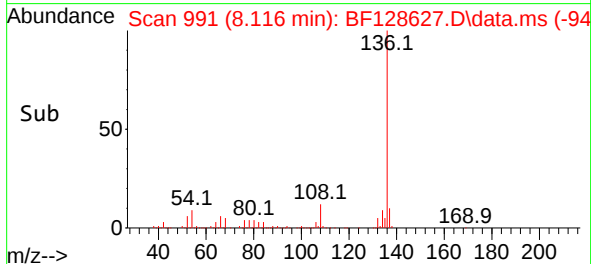
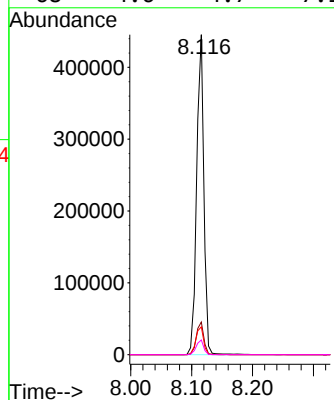
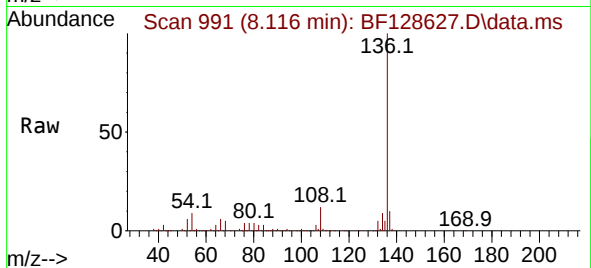




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

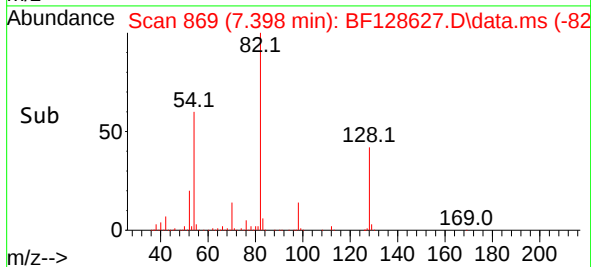
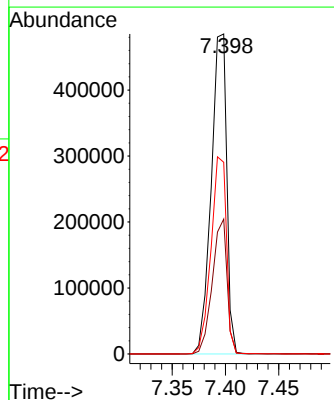
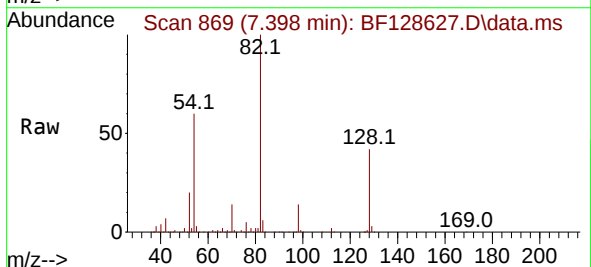
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1824-01

Tgt Ion:136 Resp: 365663
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 8.7 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 77.558 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

Tgt Ion: 82 Resp: 491612
Ion Ratio Lower Upper
82 100
128 42.2 34.0 51.0
54 59.9 46.9 70.3

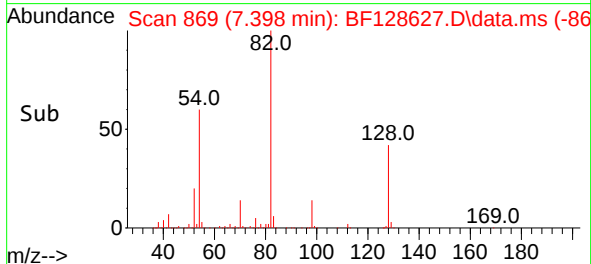
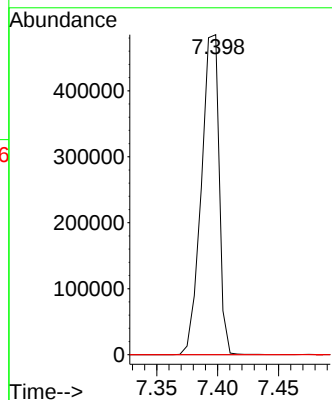
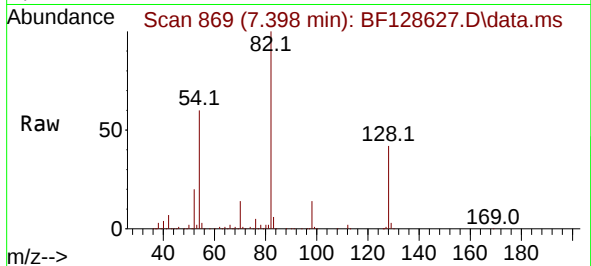




#25
Isophorone
Concen: 41.911 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

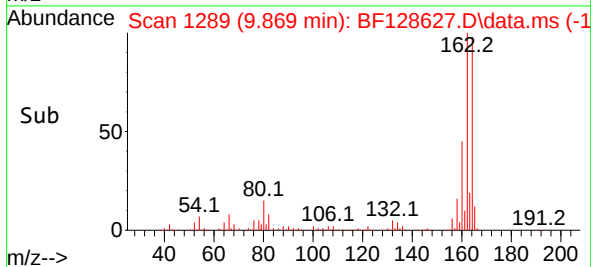
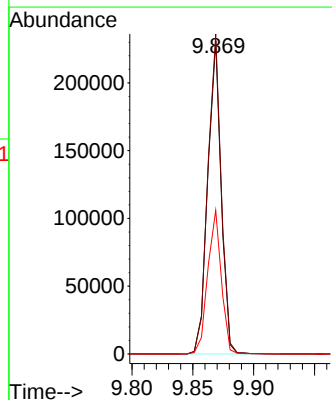
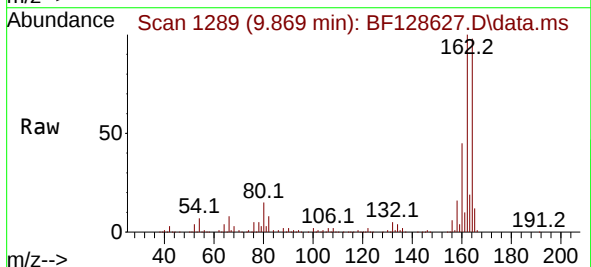
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1824-01

Tgt Ion: 82 Resp: 490075
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

Tgt Ion: 164 Resp: 176407
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 45.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 93.071 ng

RT: 10.663 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF128627.D

Acq: 01 Jun 2022 17:25

Instrument :

BNA_F

ClientSampleId :

P043-SS001-1824-01

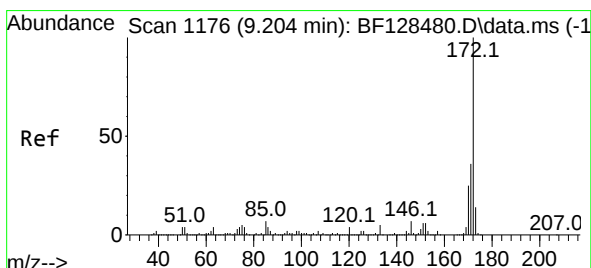
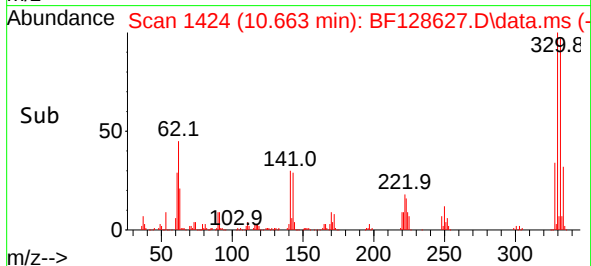
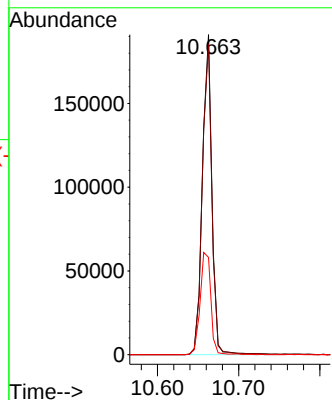
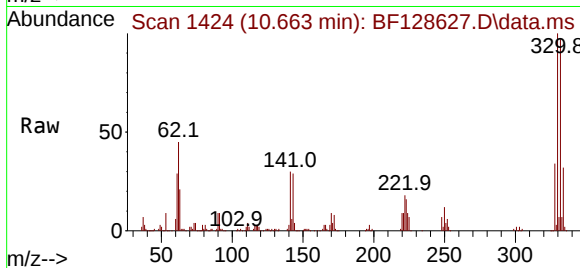
Tgt Ion:330 Resp: 156275

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 36.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 72.140 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128627.D

Acq: 01 Jun 2022 17:25

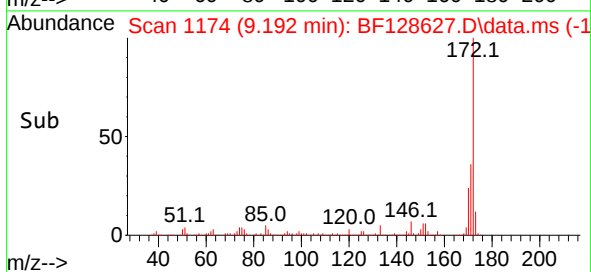
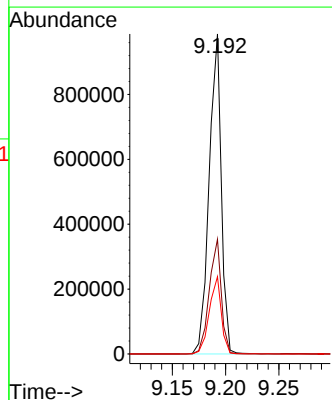
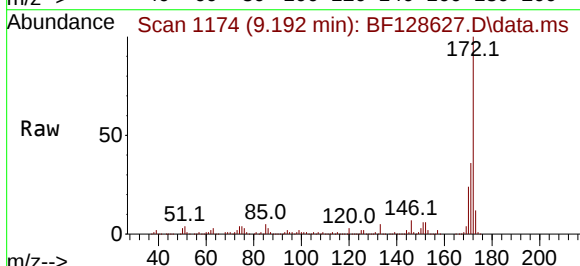
Tgt Ion:172 Resp: 783313

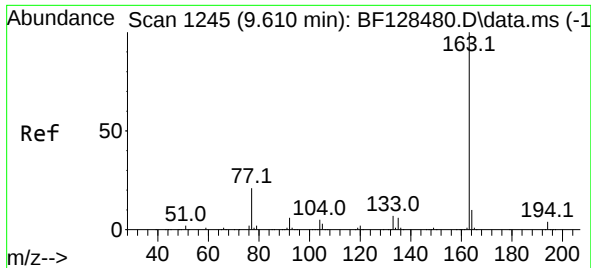
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.2 19.8 29.8

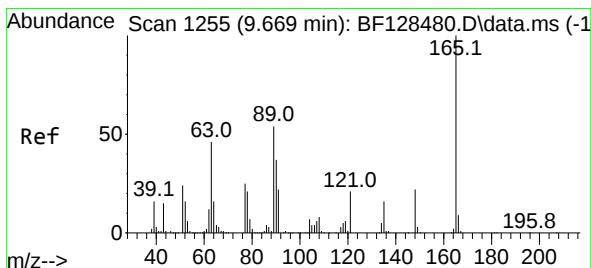
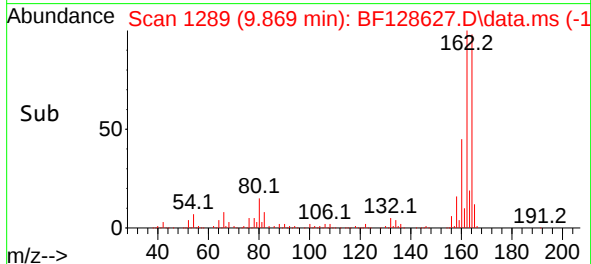
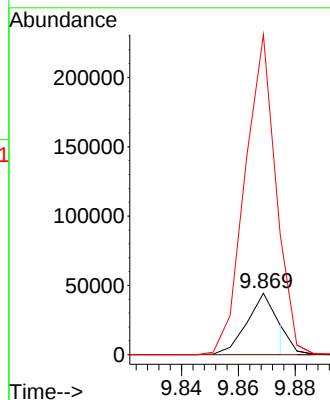
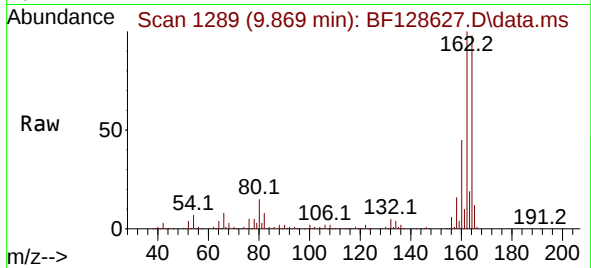




#50
Dimethylphthalate
Concen: 2.904 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

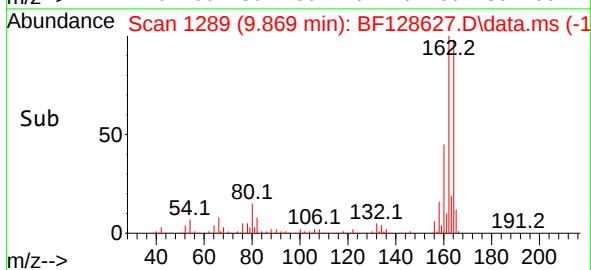
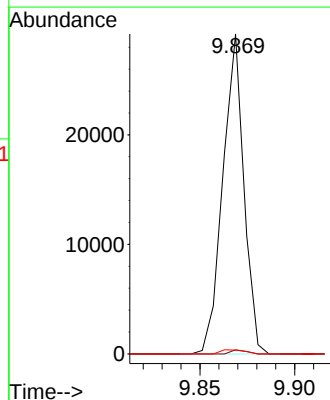
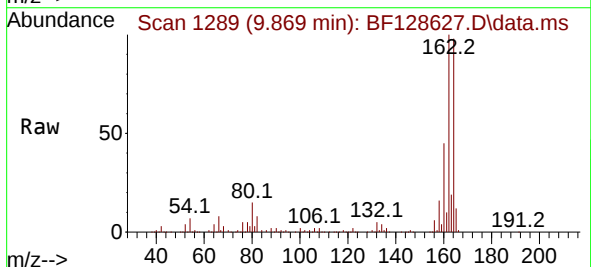
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1824-01

Tgt Ion:163 Resp: 33228
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 520.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.753 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

Tgt Ion:165 Resp: 22550
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.2 43.6 65.4#

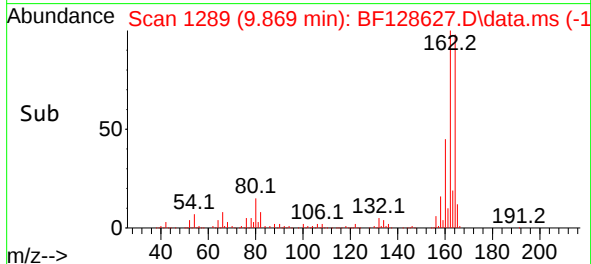
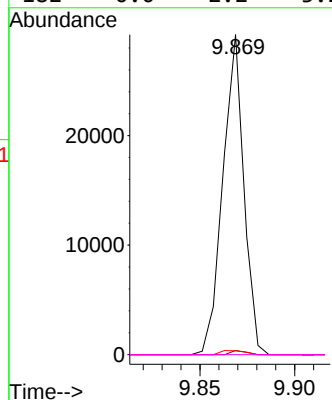
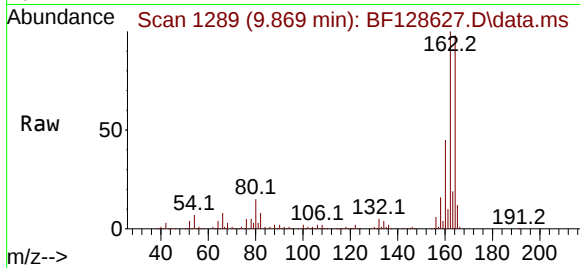




#57
2,4-Dinitrotoluene
Concen: 8.988 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

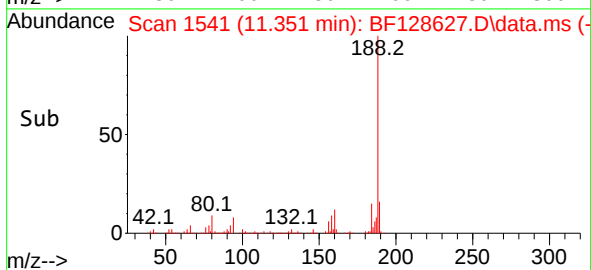
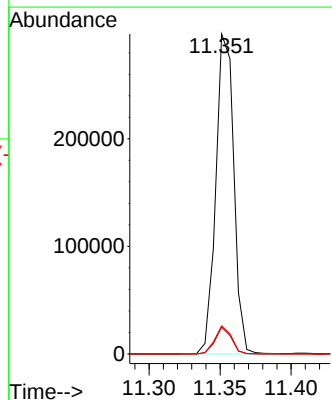
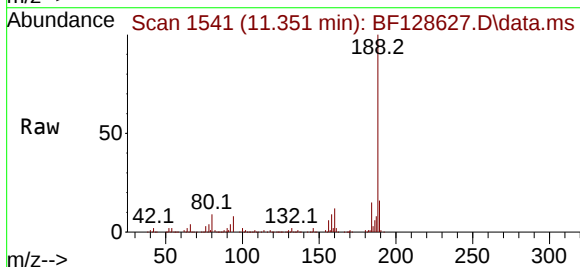
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ClientSampleId :
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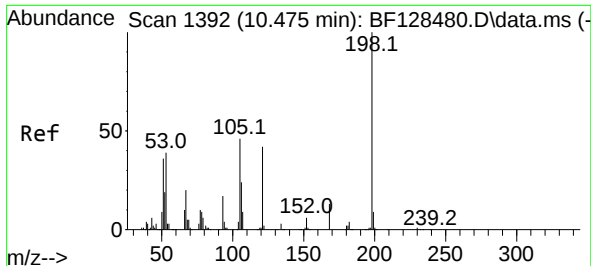
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.8	59.6#
89	1.2	60.2	90.2#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	8.8	7.6	11.4

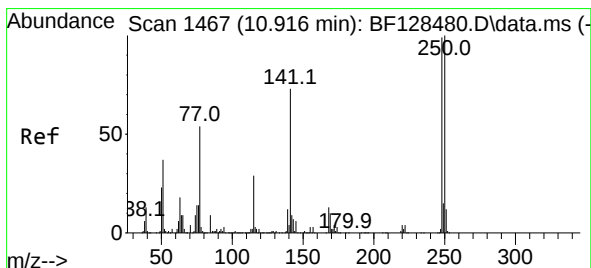
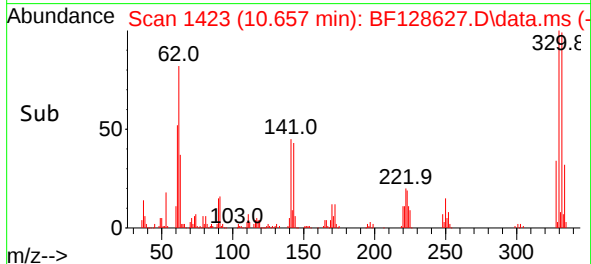
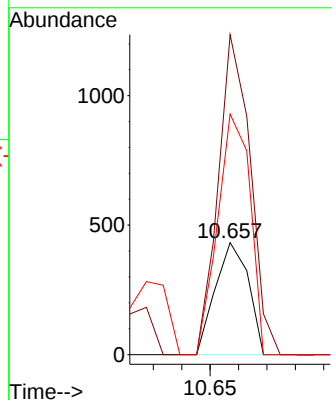
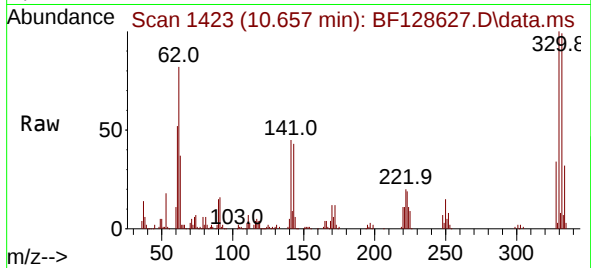




#65
4,6-Dinitro-2-methylphenol
Concen: 5.757 ng
RT: 10.657 min Scan# 141
Delta R.T. 0.182 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

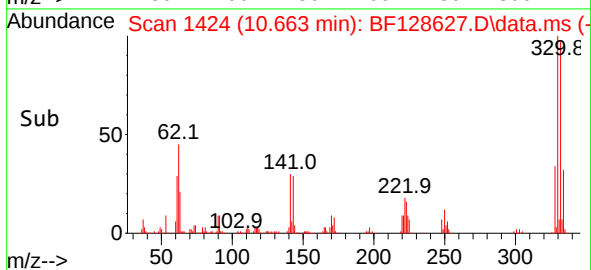
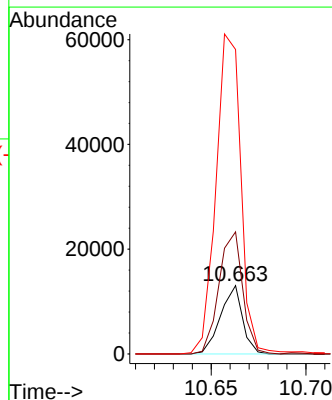
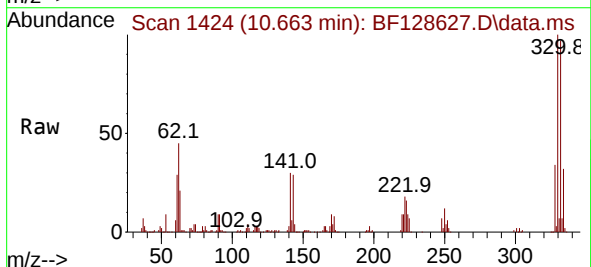
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1824-01

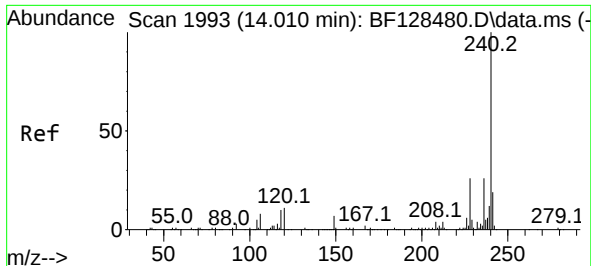
Tgt Ion:198 Resp: 350
Ion Ratio Lower Upper
198 100
51 285.9 37.6 77.6#
105 215.0 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.885 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

Tgt Ion:248 Resp: 10536
Ion Ratio Lower Upper
248 100
250 178.7 80.6 120.8#
141 445.9 58.9 88.3#

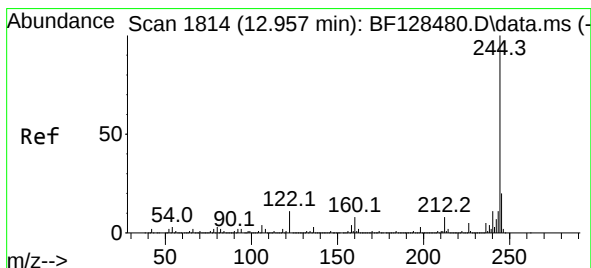
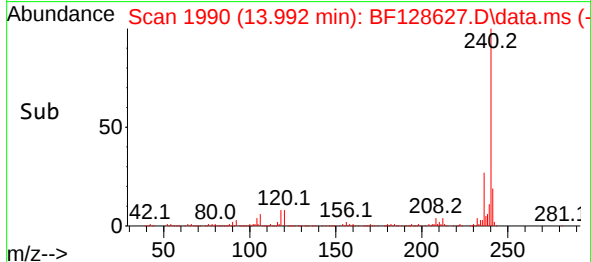
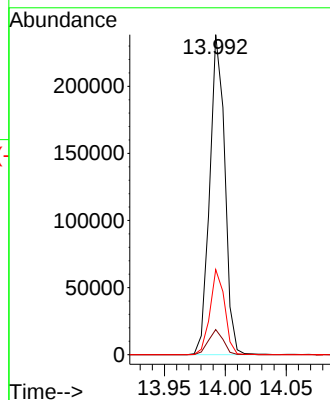
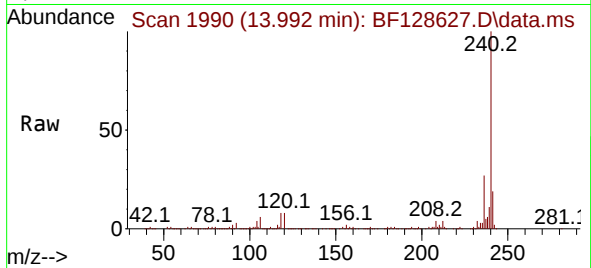




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.018 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

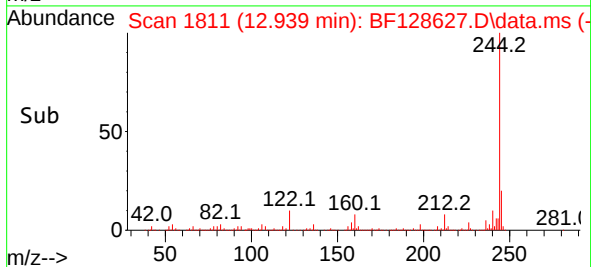
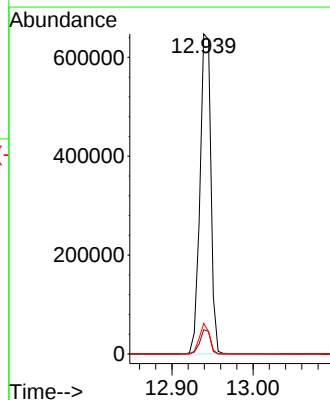
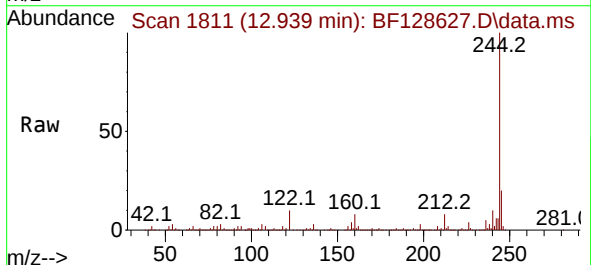
Instrument :
BNA_F
ClientSampleId :
P043-SS001-1824-01

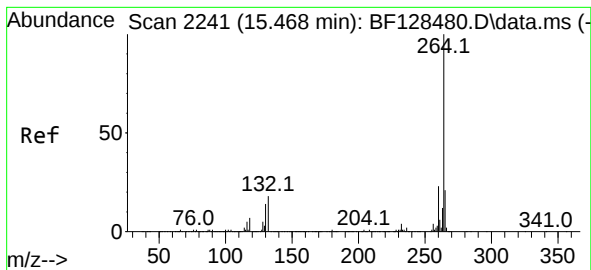
Tgt Ion:240 Resp: 205772
Ion Ratio Lower Upper
240 100
120 7.9 8.9 13.3#
236 26.6 20.8 31.2



#79
Terphenyl-d14
Concen: 56.919 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BF128627.D
Acq: 01 Jun 2022 17:25

Tgt Ion:244 Resp: 606244
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 9.5 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF128627.D

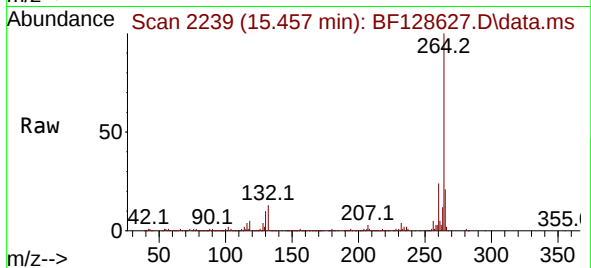
Acq: 01 Jun 2022 17:25

Instrument :

BNA_F

ClientSampleId :

P043-SS001-1824-01



Tgt Ion:264 Resp: 217543

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.3 17.2 25.8

