

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)

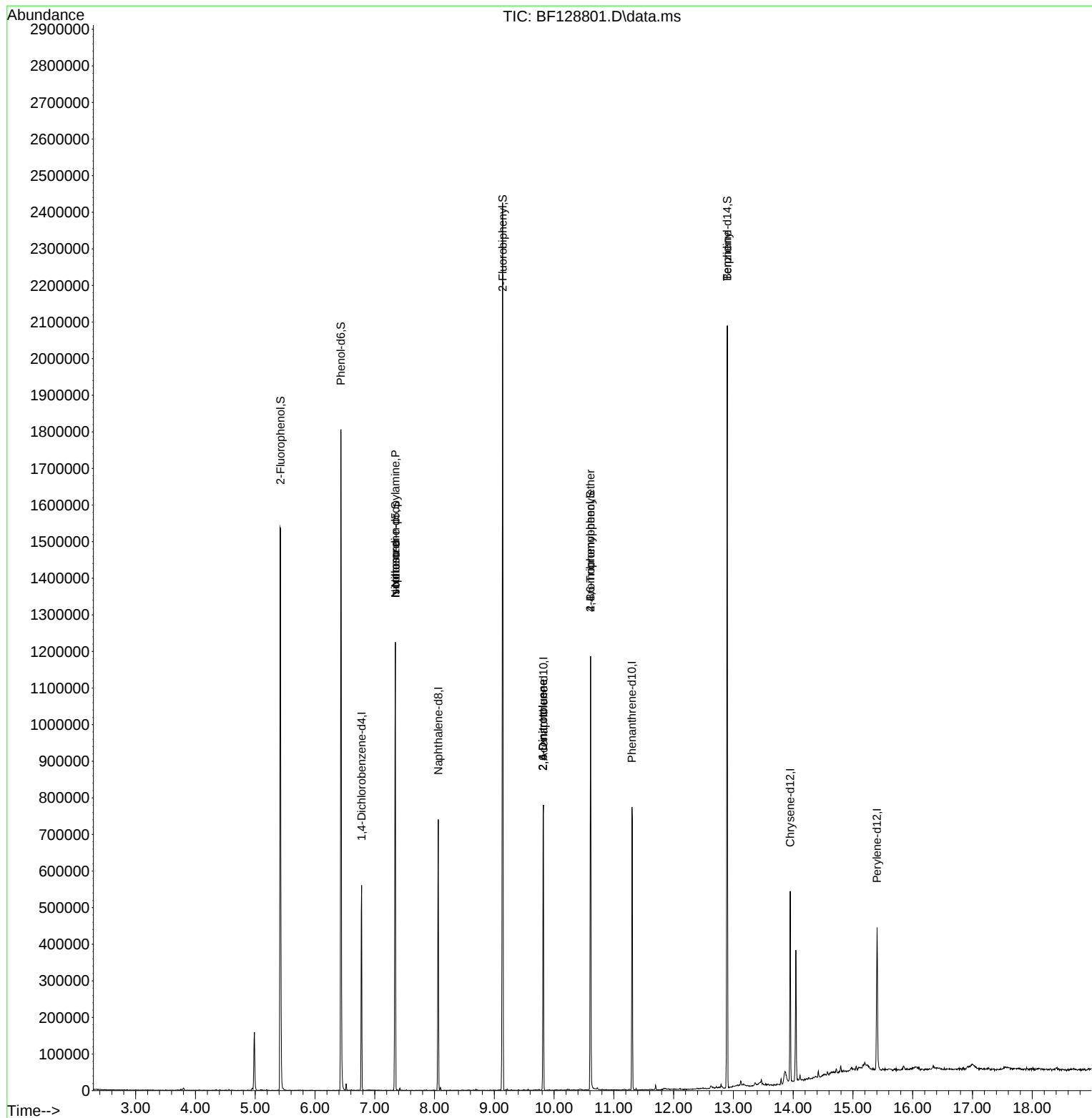
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76146	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	293487	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	160932	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	288611	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	166600	20.000	ng	#-0.01
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.345	70	50360	13.880	ng	# 75
25) Isophorone	7.345	82	359915	37.594	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	20674	9.509	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	20674	7.125	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	8055	2.503	ng	# 1
77) Benzidine	12.898	184	9746	2.935	ng	# 89

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

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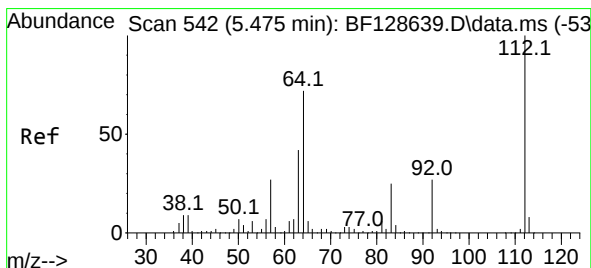
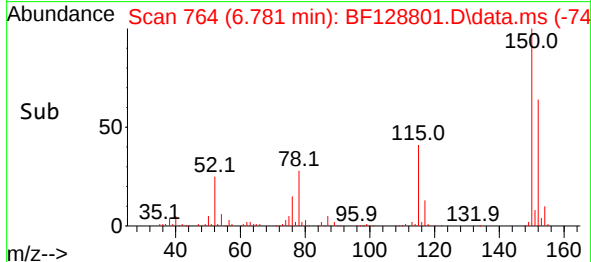
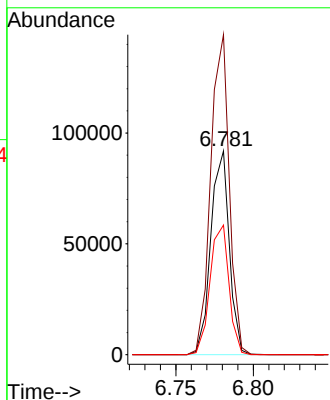
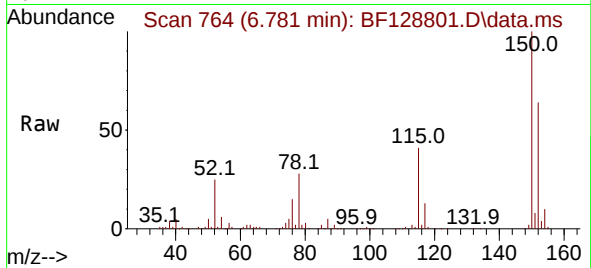




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

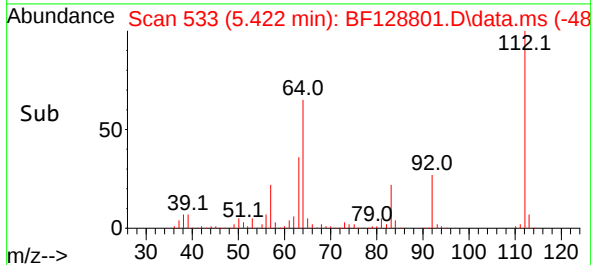
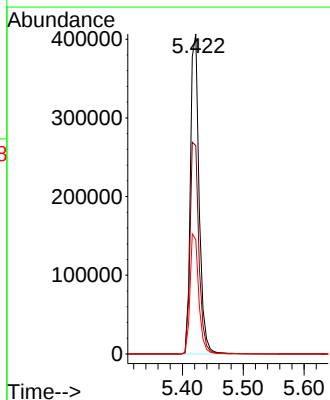
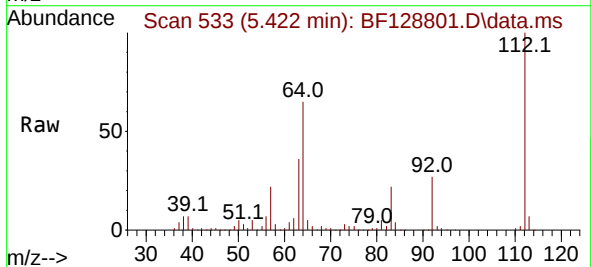
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-2

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

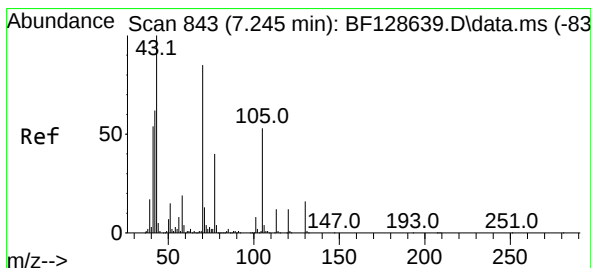
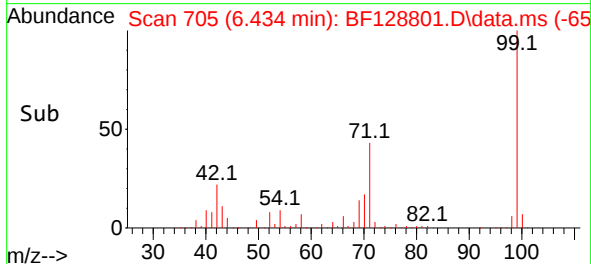
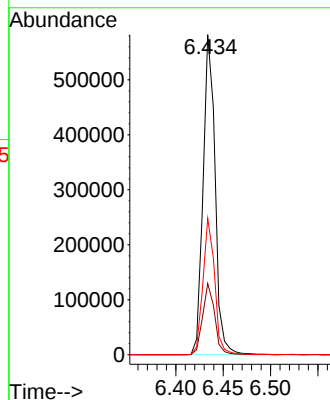
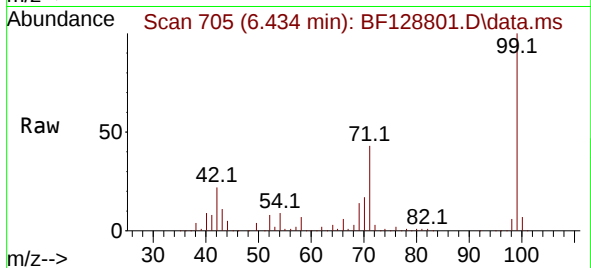




#7
Phenol-d6
Concen: 87.904 ng
RT: 6.434 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

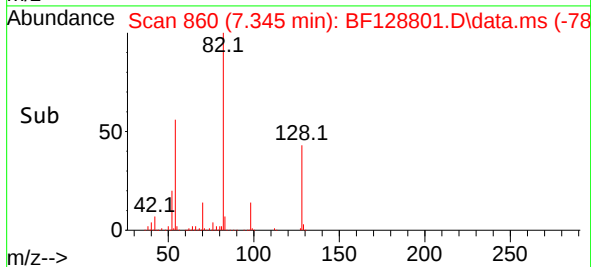
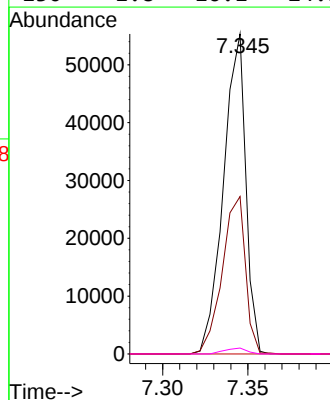
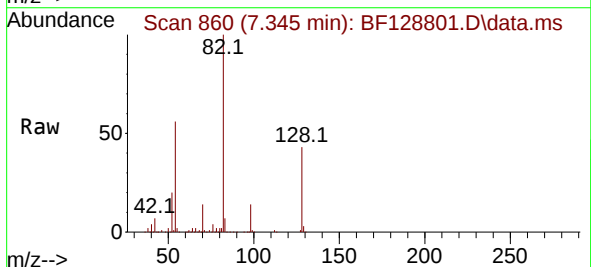
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-2

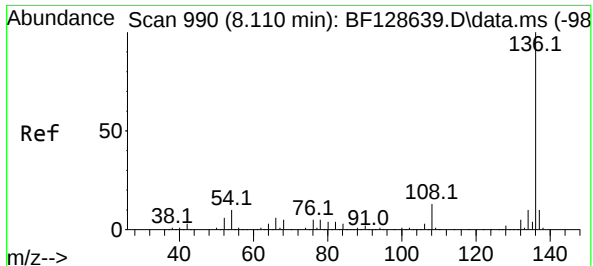
Tgt Ion: 99 Resp: 512959
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 42.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.880 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

Tgt Ion: 70 Resp: 50360
Ion Ratio Lower Upper
70 100
42 49.2 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

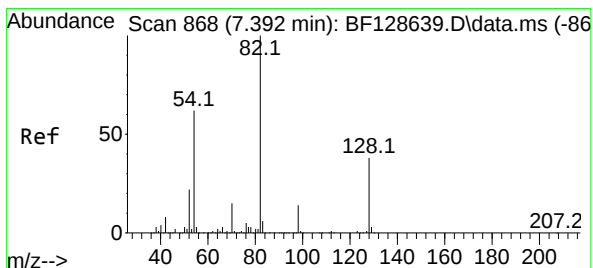
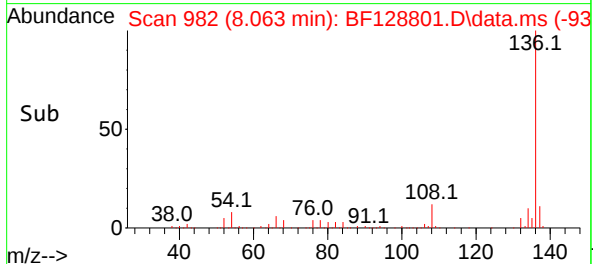
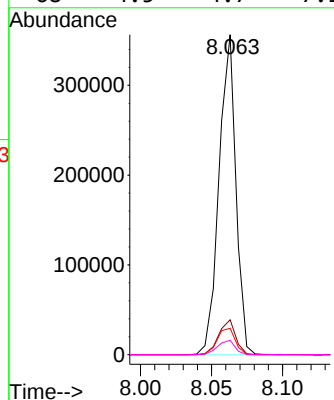
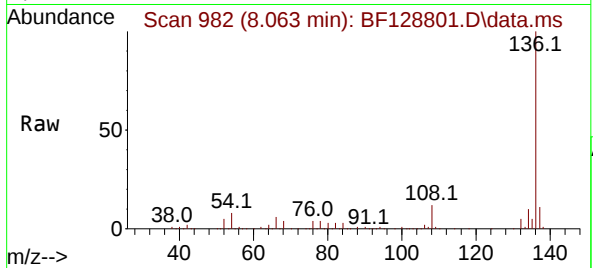




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

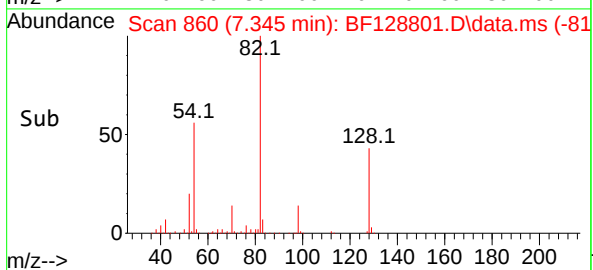
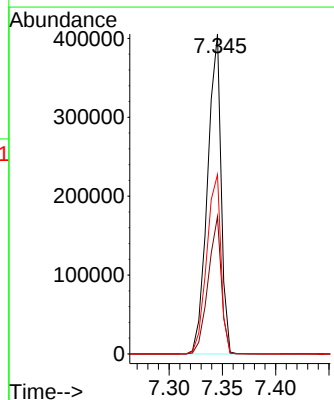
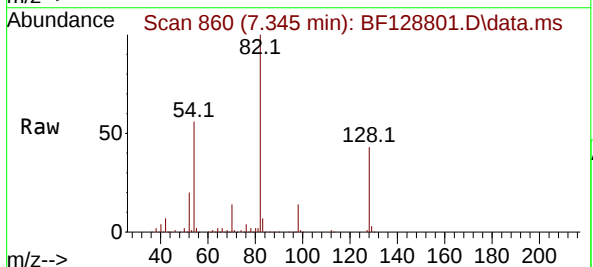
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-2

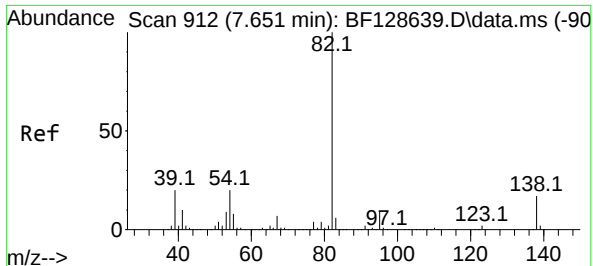
Tgt Ion:	136	Resp:	293487
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	8.2	7.5	11.3
68	4.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 57.098 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

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

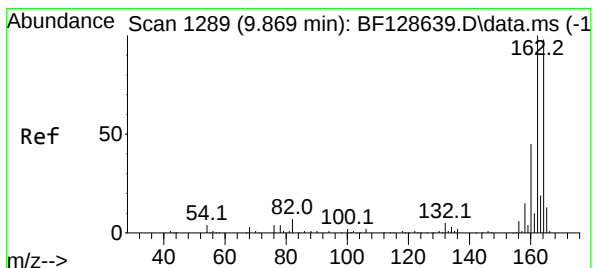
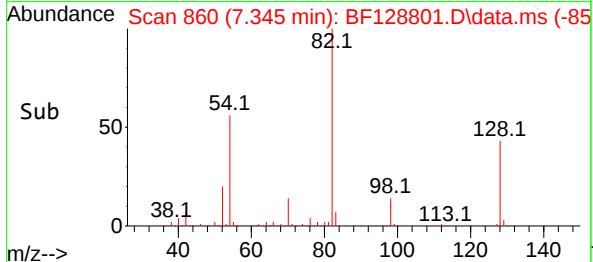
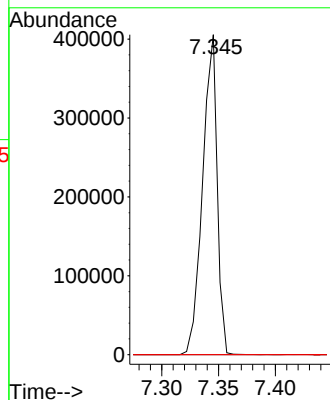
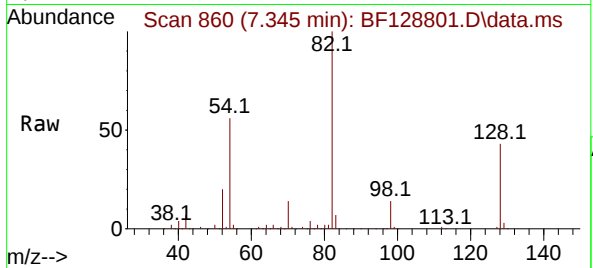




#25
Isophorone
Concen: 37.594 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

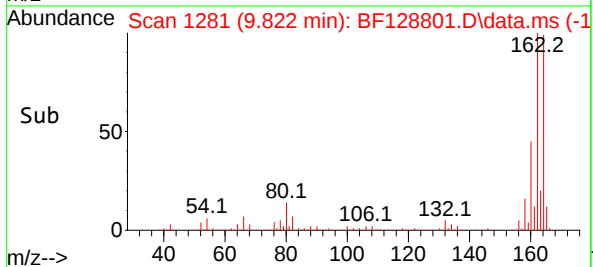
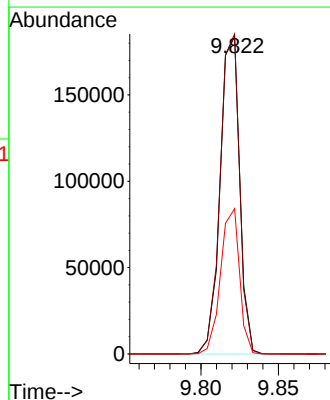
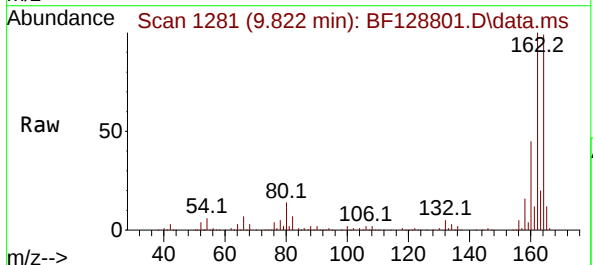
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-2

Tgt Ion: 82 Resp: 359915
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: 9.822 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# 1424

Delta R.T. -0.012 min

Lab File: BF128801.D

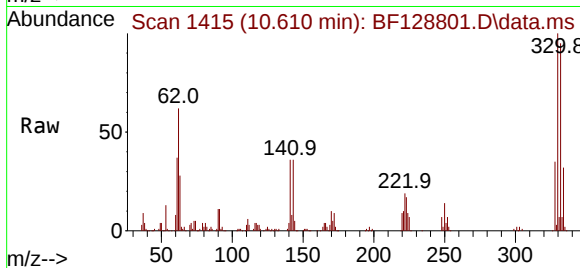
Acq: 14 Jun 2022 15:46

Instrument :

BNA_F

ClientSampleId :

PALMYRA-RT-73-COMP-2



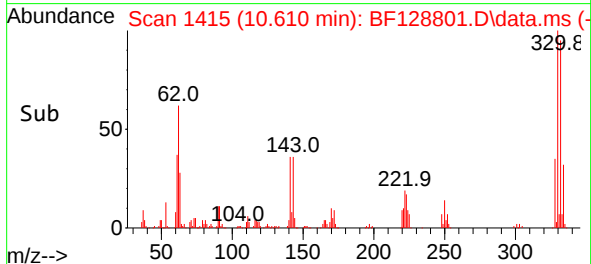
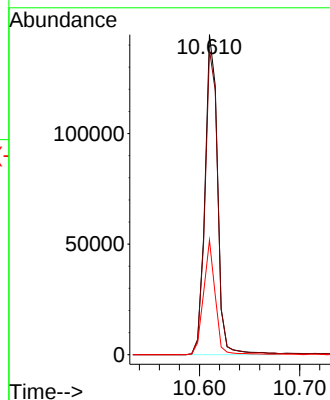
Tgt Ion:330 Resp: 127018

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

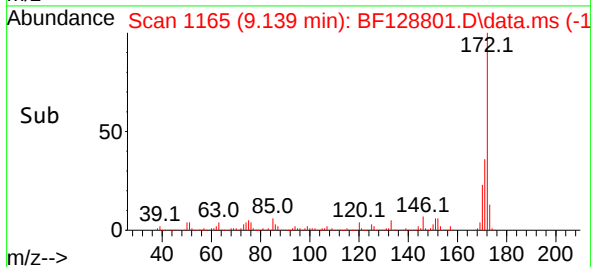
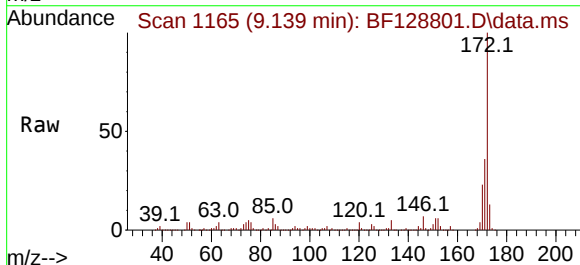
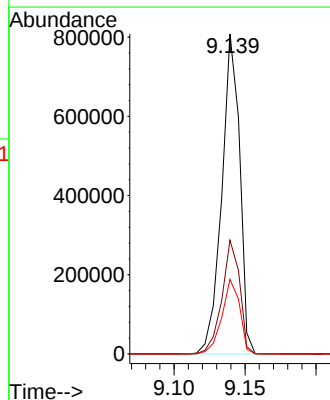
Tgt Ion:172 Resp: 707064

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.3 19.8 29.8

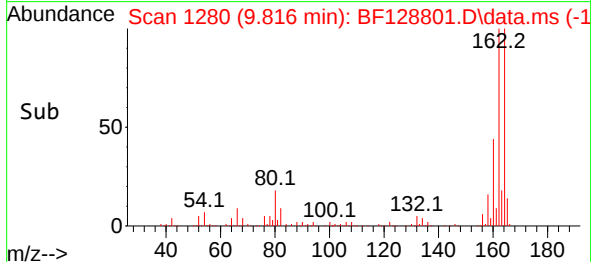
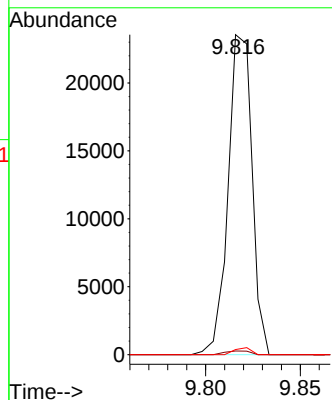
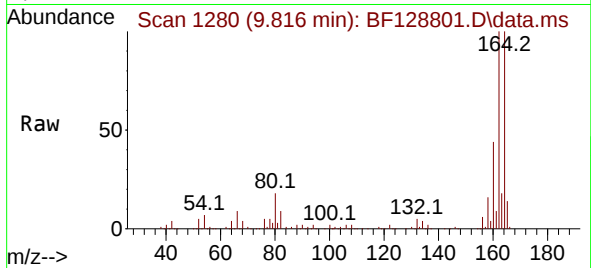




#51
2,6-Dinitrotoluene
Concen: 9.509 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

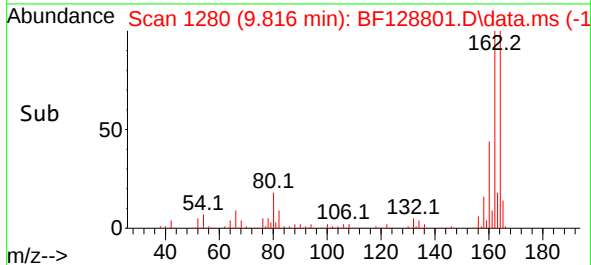
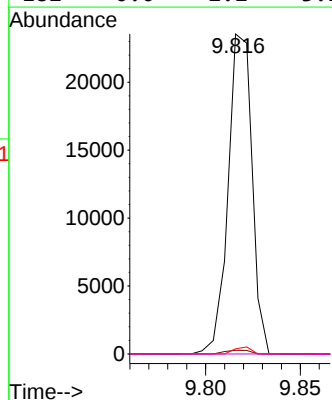
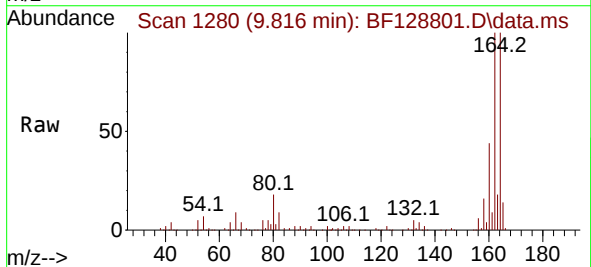
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-2

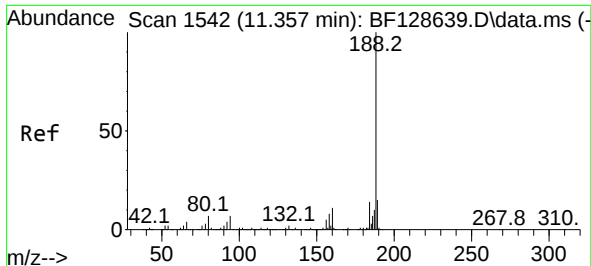
Tgt Ion:165 Resp: 20674
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.125 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

Tgt Ion:165 Resp: 20674
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#

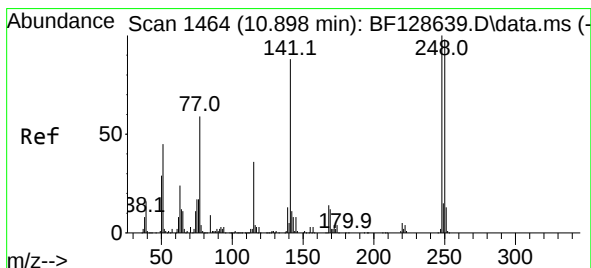
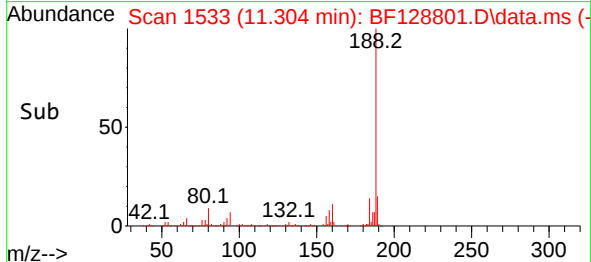
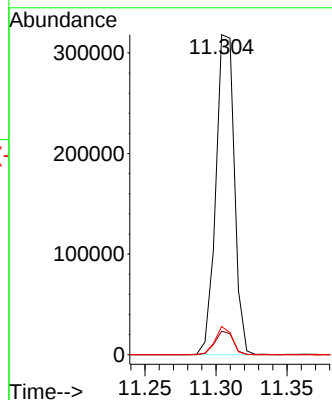
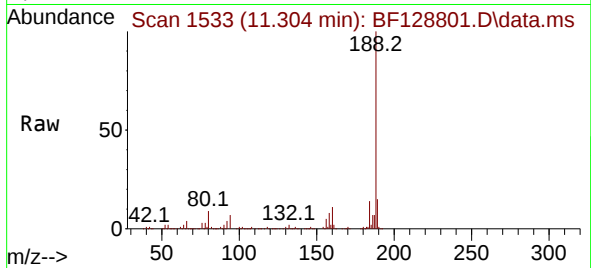




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

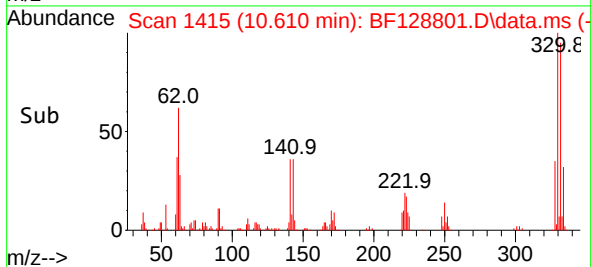
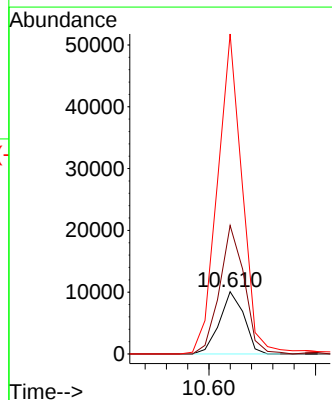
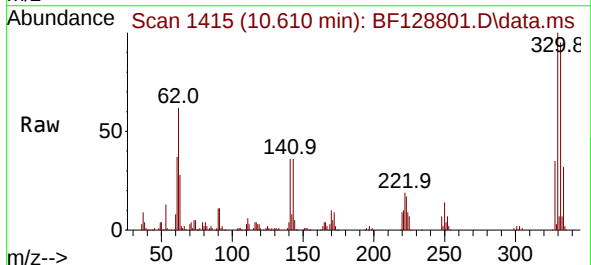
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PALMYRA-RT-73-COMP-2

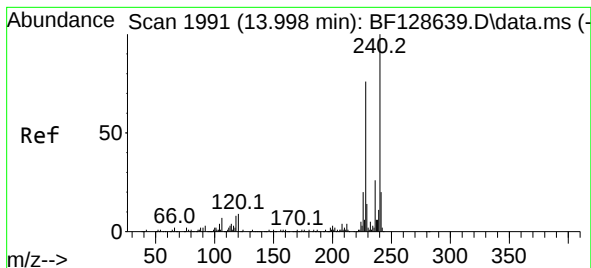
Tgt Ion:188 Resp: 288611
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.503 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.247 min
Lab File: BF128801.D
Acq: 14 Jun 2022 15:46

Tgt Ion:248 Resp: 8055
Ion Ratio Lower Upper
248 100
250 206.5 80.6 120.8#
141 514.5 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 11

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

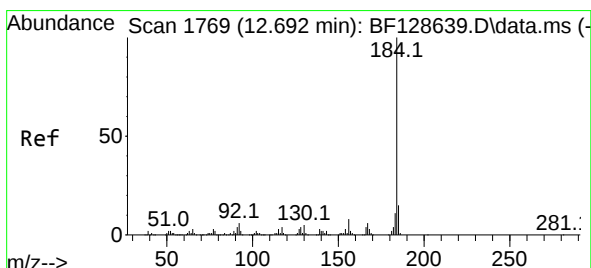
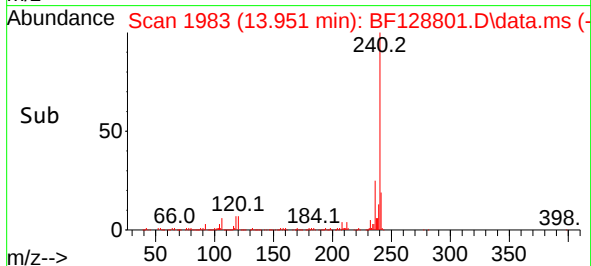
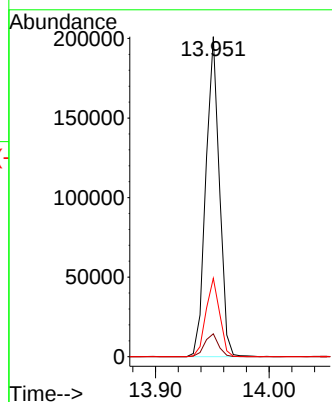
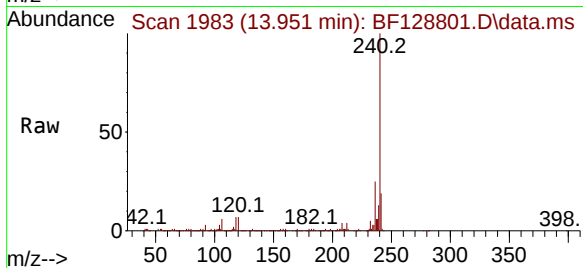
Tgt Ion:240 Resp: 166600

Ion Ratio Lower Upper

240 100

120 7.1 8.9 13.3#

236 24.5 20.8 31.2



#77

Benzidine

Concen: 2.935 ng

RT: 12.898 min Scan# 1804

Delta R.T. 0.247 min

Lab File: BF128801.D

Acq: 14 Jun 2022 15:46

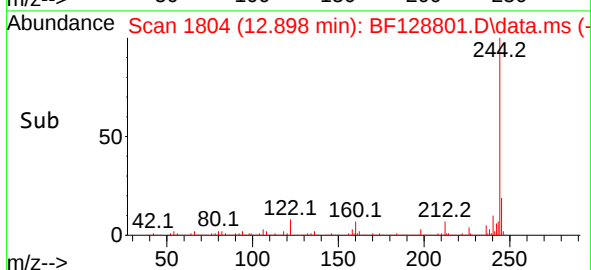
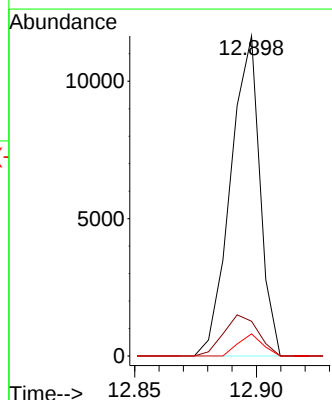
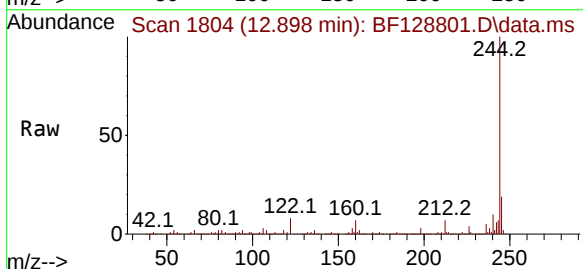
Tgt Ion:184 Resp: 9746

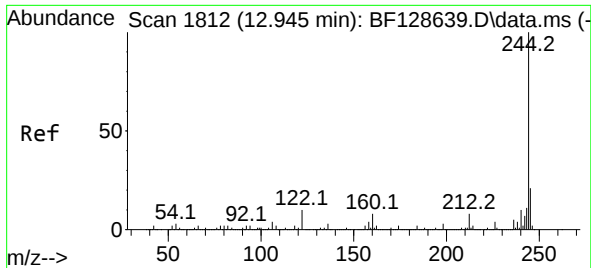
Ion Ratio Lower Upper

184 100

185 10.8 11.9 17.9#

183 6.9 9.3 13.9#

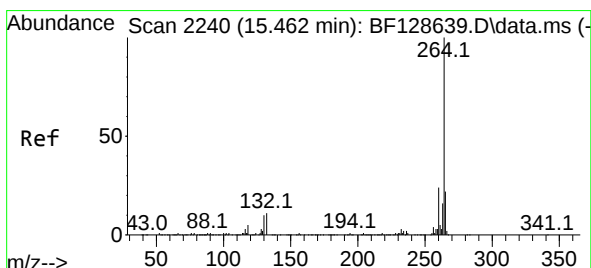
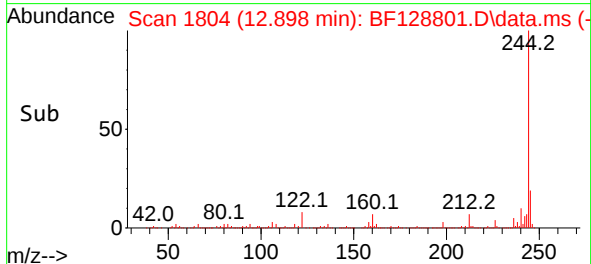
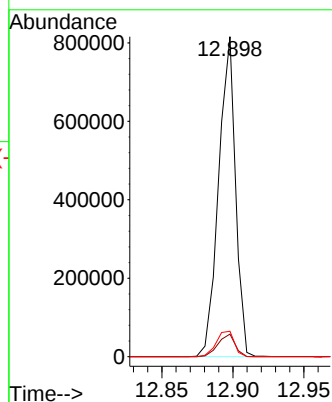
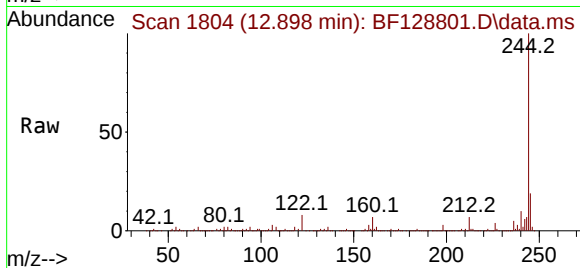




#79
 Terphenyl-d14
 Concen: 70.279 ng
 RT: 12.898 min Scan# 1804
 Delta R.T. -0.006 min
 Lab File: BF128801.D
 Acq: 14 Jun 2022 15:46

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

Tgt Ion: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

