

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124825.D
 Acq On : 28 Jul 2021 13:39
 Operator : JU/CG
 Sample : M3159-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210554-COM-27

Quant Time: Jul 28 15:17:24 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)

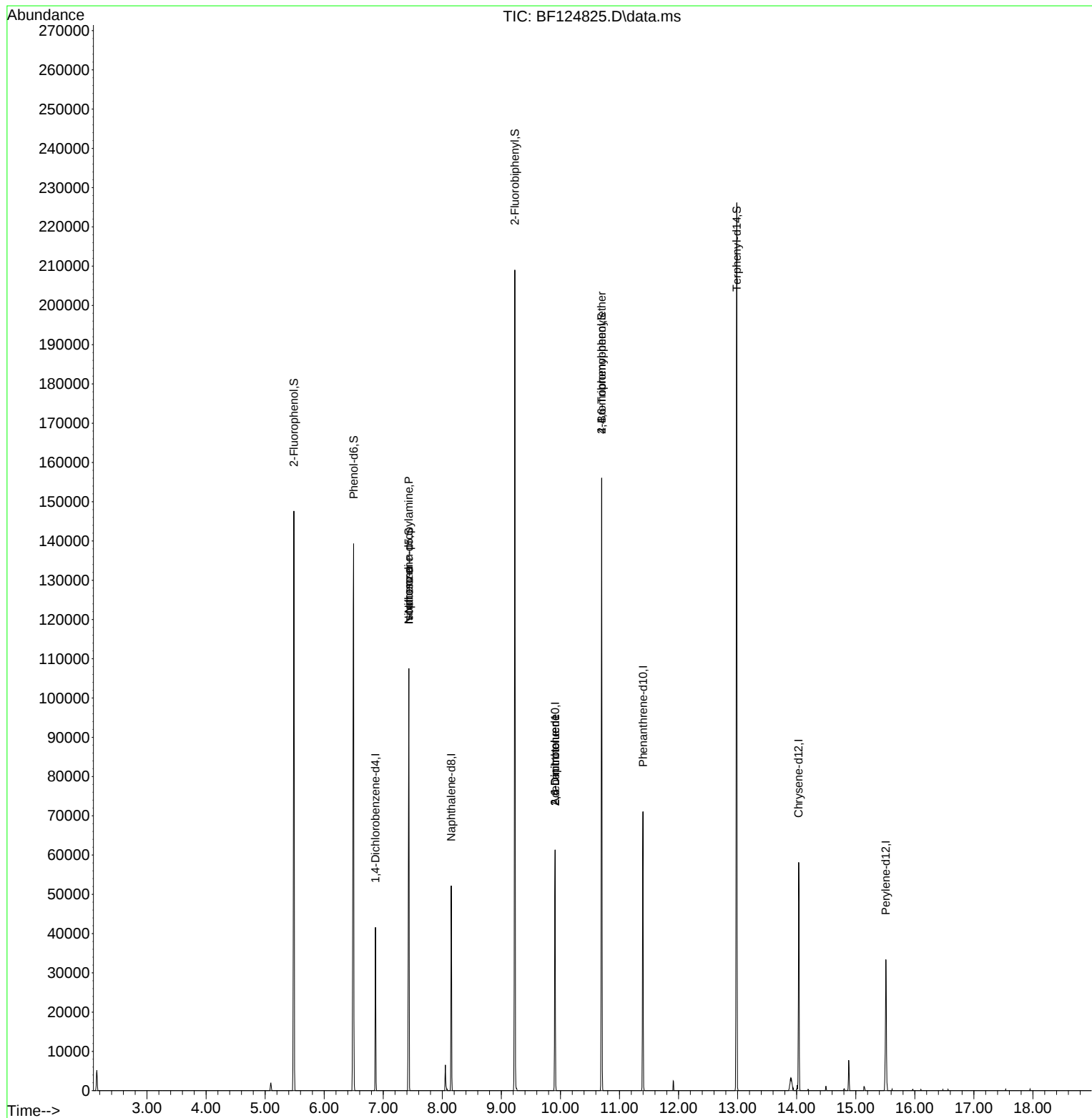
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5641	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22277	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	13481	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	25698	20.000	ng	0.00
76) Chrysene-d12	14.033	240	21776	20.000	ng	0.00
86) Perylene-d12	15.509	264	16565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	38329	115.045	ng	0.00
7) Phenol-d6	6.498	99	46348	110.967	ng	0.00
23) Nitrobenzene-d5	7.433	82	30397	81.212	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	14678	126.811	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	58672	63.923	ng	0.00
79) Terphenyl-d14	12.986	244	75865	59.719	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	3990	17.890	ng	# 69
25) Isophorone	7.433	82	30396	45.927	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1646	8.026	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1646	5.915	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1121	4.113	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124825.D
Acq On : 28 Jul 2021 13:39
Operator : JU/CG
Sample : M3159-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

Quant Time: Jul 28 15:17:24 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

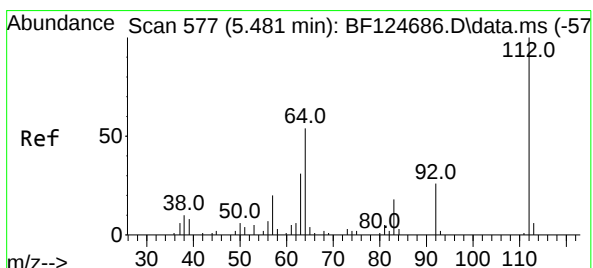
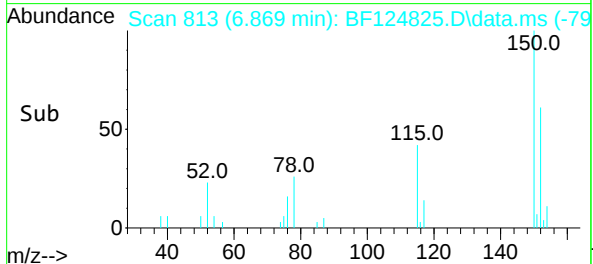
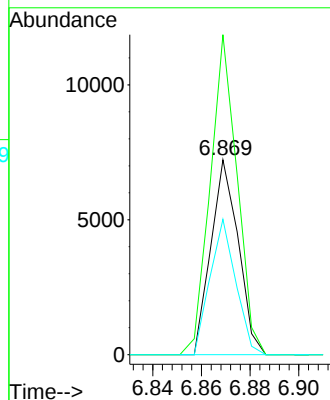
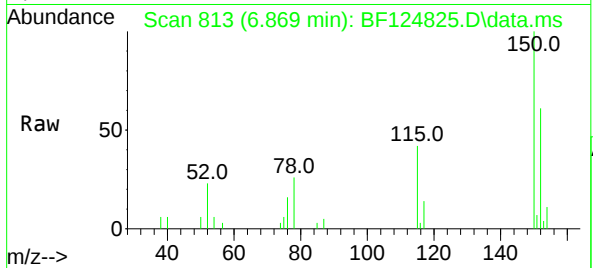




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

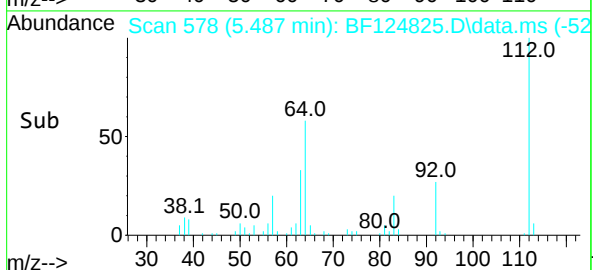
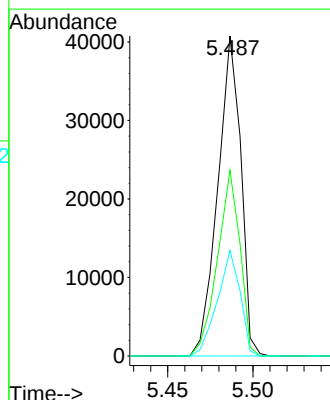
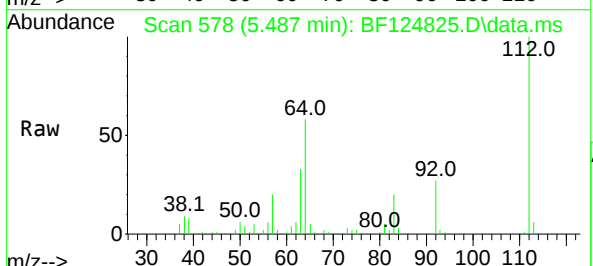
Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

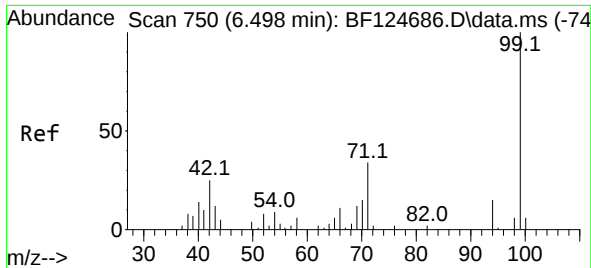
Tgt Ion:152 Resp: 5641
Ion Ratio Lower Upper
152 100
150 164.2 117.6 176.4
115 69.4 47.1 70.7



#5
2-Fluorophenol
Concen: 115.045 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Tgt Ion:112 Resp: 38329
Ion Ratio Lower Upper
112 100
64 58.1 44.2 66.2
63 33.0 26.2 39.2

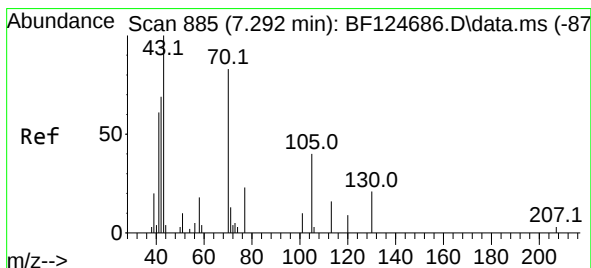
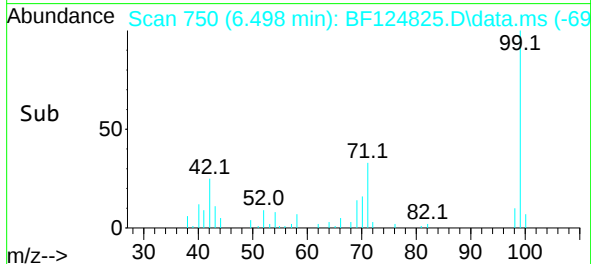
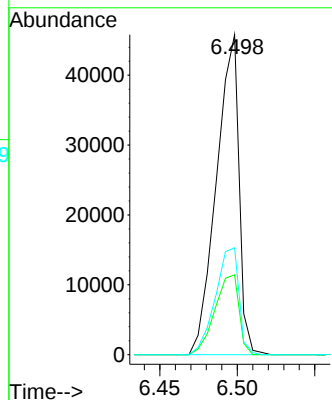
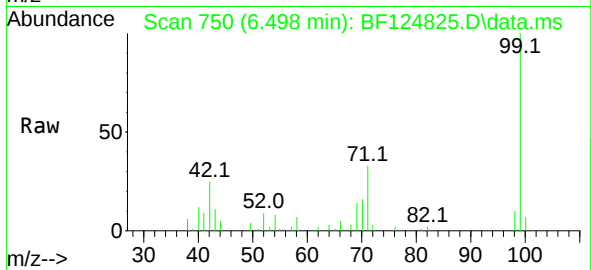




#7
Phenol-d6
Concen: 110.967 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

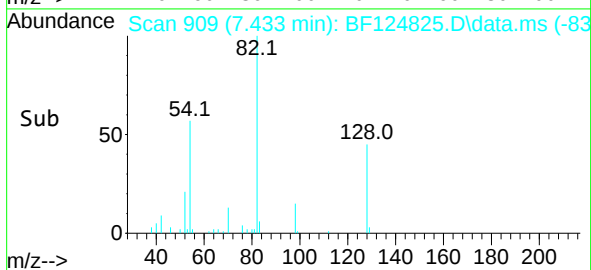
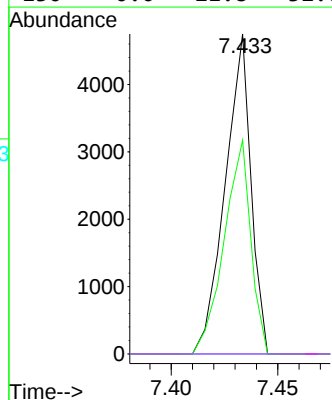
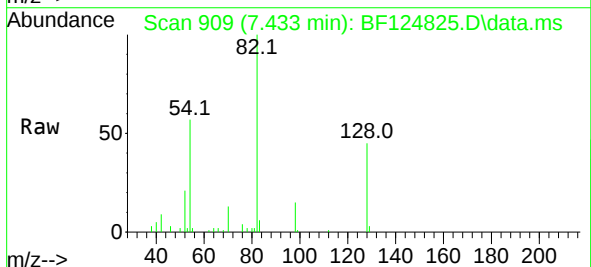
Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

Tgt Ion:	99	Resp:	46348
Ion	Ratio	Lower	Upper
99	100		
42	24.9	23.5	35.3
71	33.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.890 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Tgt Ion:	70	Resp:	3990
Ion	Ratio	Lower	Upper
70	100		
42	66.8	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

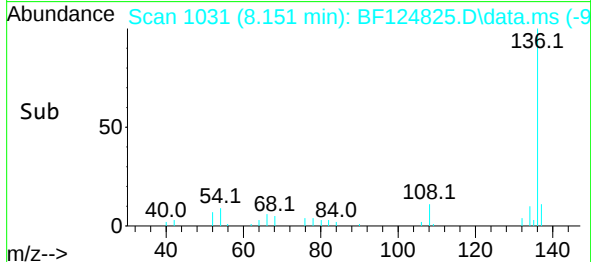
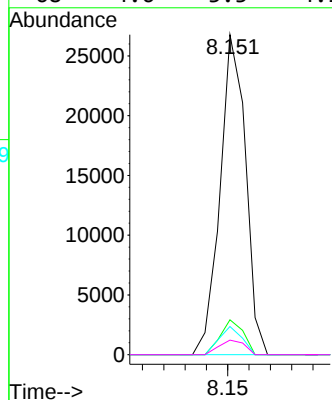
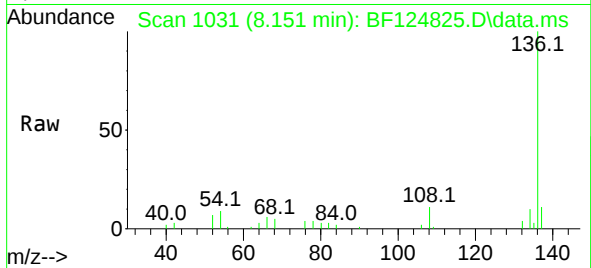




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

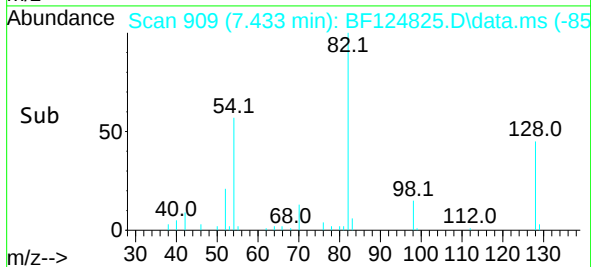
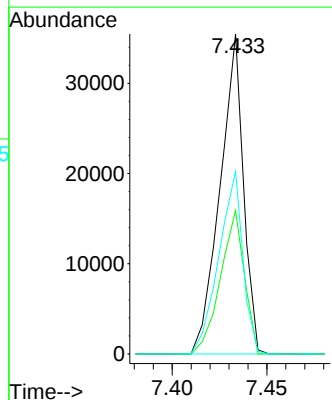
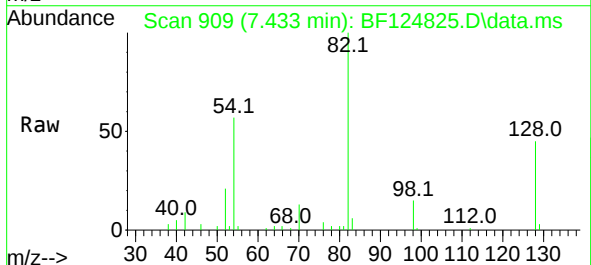
Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

Tgt Ion:	136	Resp:	22277
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	8.8	6.4	9.6
68	4.6	3.3	4.9



#23
Nitrobenzene-d5
Concen: 81.212 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Tgt Ion:	82	Resp:	30397
Ion Ratio	Lower	Upper	
82	100		
128	44.8	40.6	60.8
54	57.0	49.6	74.4

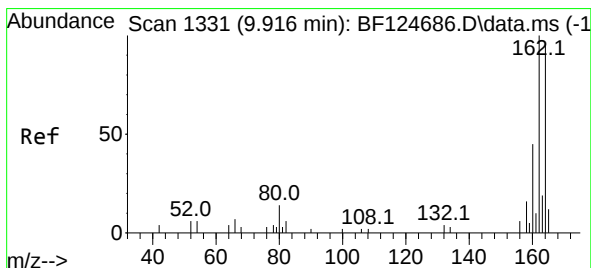
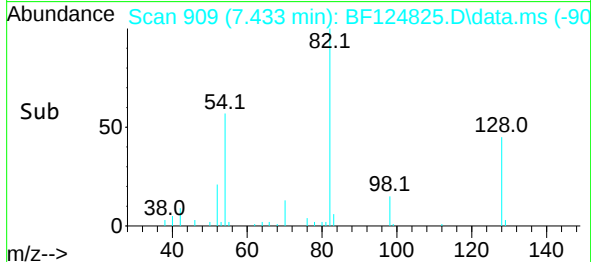
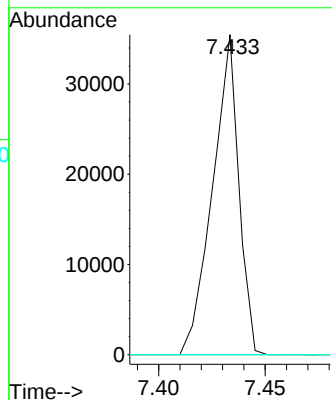
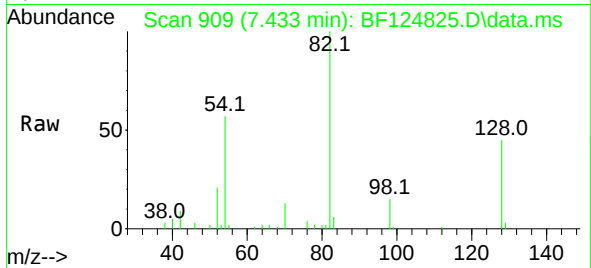




#25
Isophorone
Concen: 45.927 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

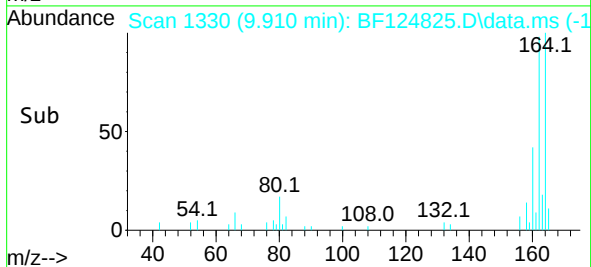
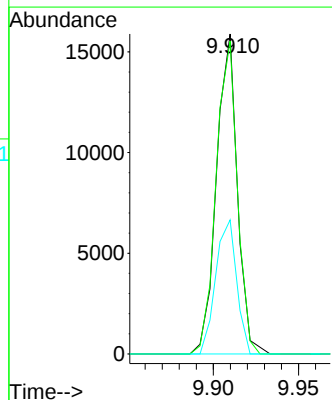
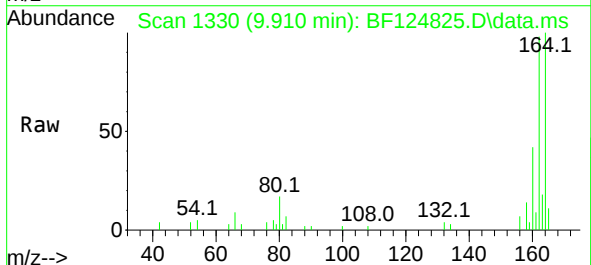
Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

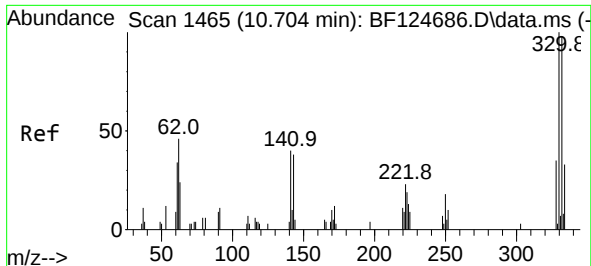
Tgt Ion: 82 Resp: 30396
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

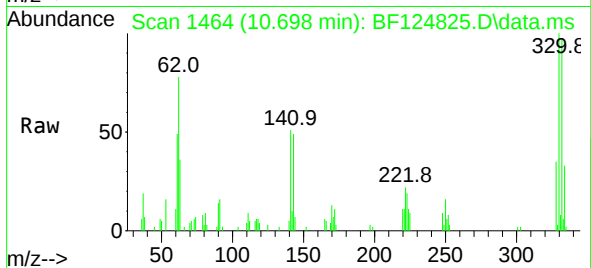
Tgt Ion: 164 Resp: 13481
Ion Ratio Lower Upper
164 100
162 97.8 81.3 121.9
160 41.9 38.0 57.0



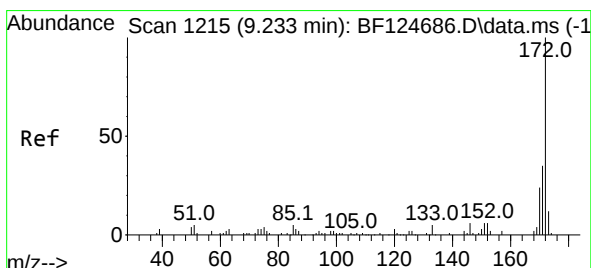
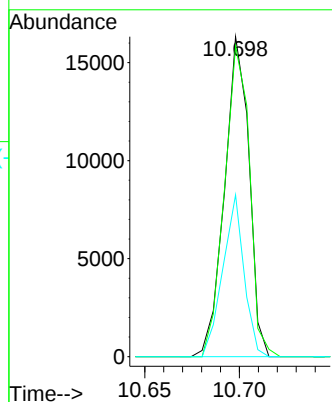
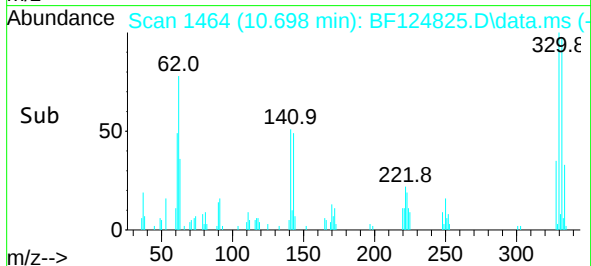


#42
2,4,6-Tribromophenol
Concen: 126.811 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

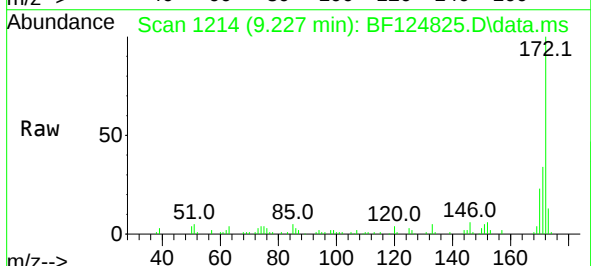
Instrument :
BNA_F
ClientSampleId :
20210554-COM-27



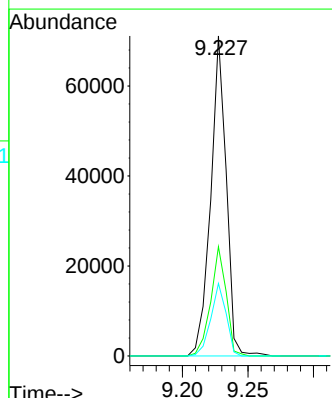
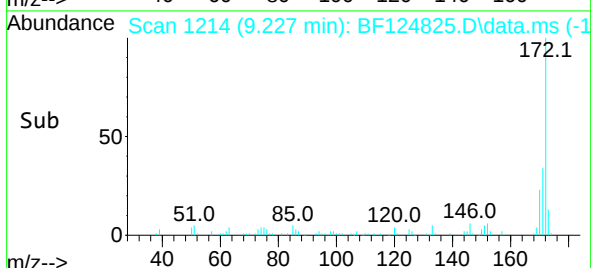
Tgt Ion: 330 Resp: 14678
Ion Ratio Lower Upper
330 100
332 99.2 76.2 114.4
141 44.0 44.6 66.8#

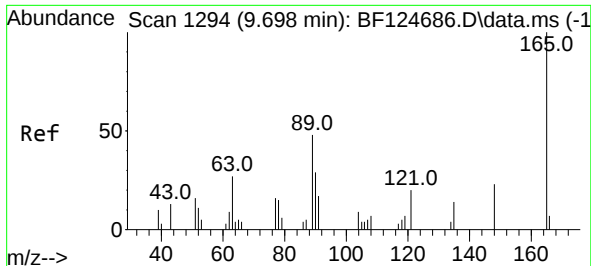


#45
2-Fluorobiphenyl
Concen: 63.923 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39



Tgt Ion: 172 Resp: 58672
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 22.7 18.8 28.2

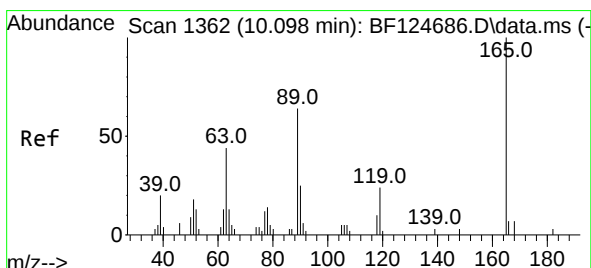
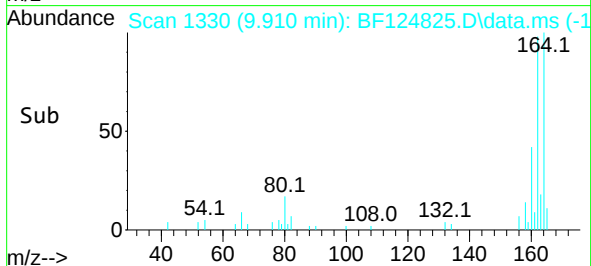
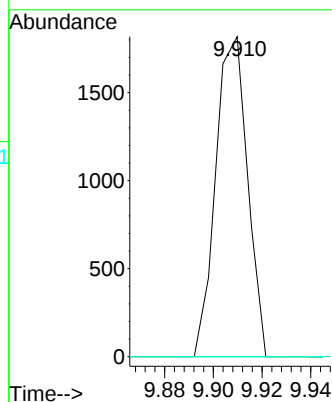
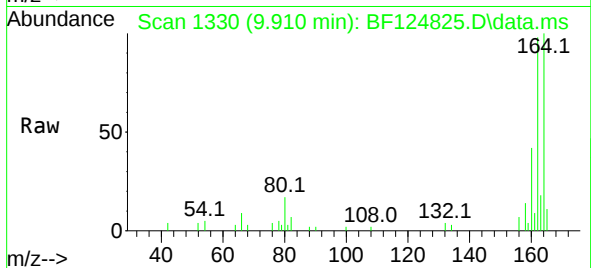




#51
2,6-Dinitrotoluene
Concen: 8.026 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

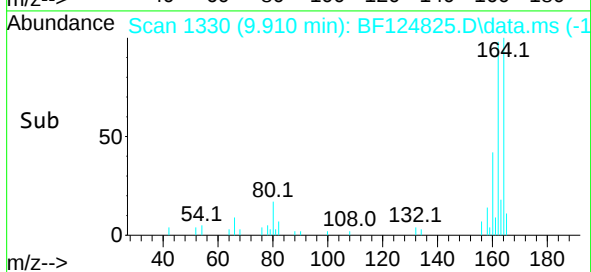
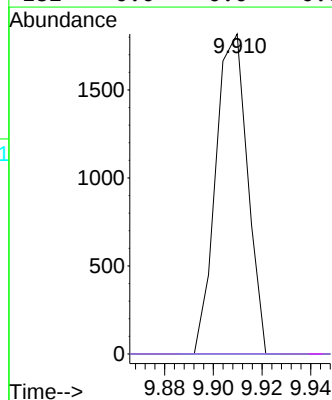
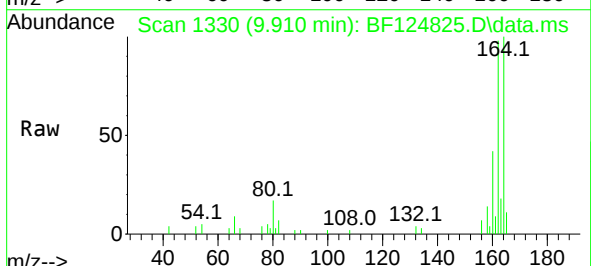
Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

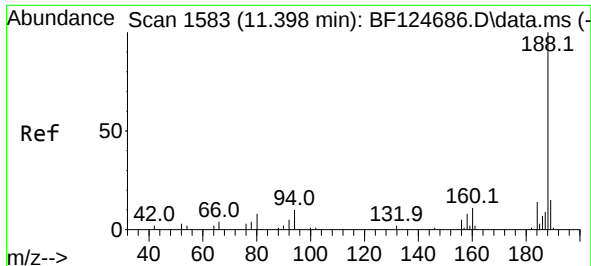
Tgt Ion:165 Resp: 1646
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.915 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Tgt Ion:165 Resp: 1646
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

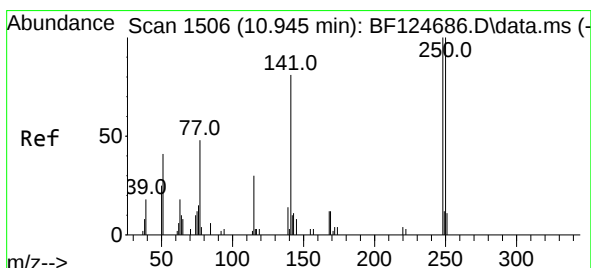
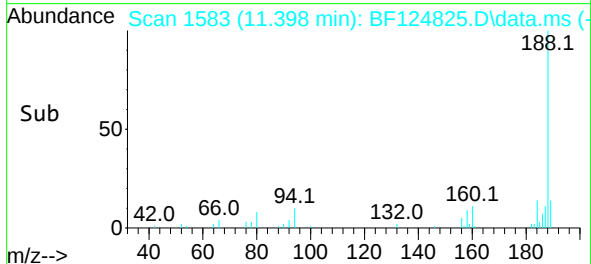
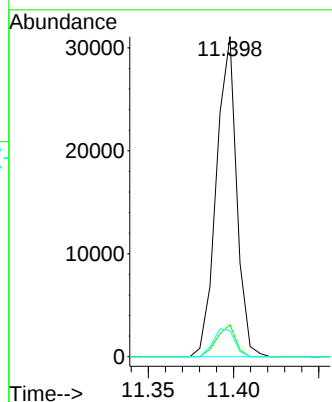
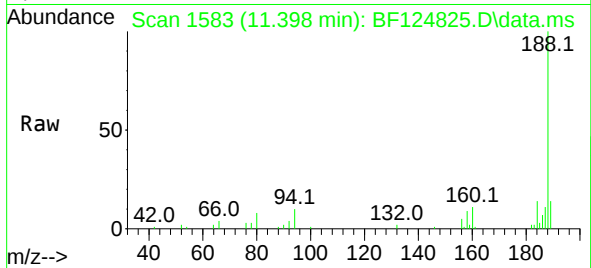




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

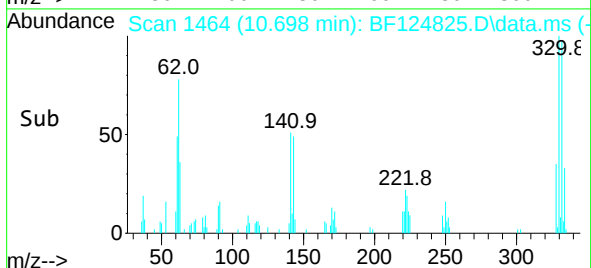
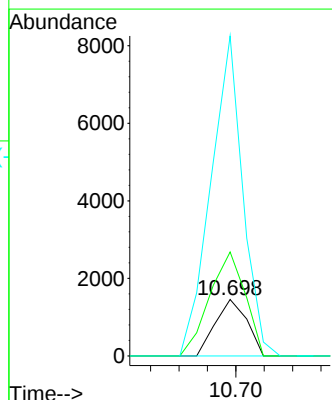
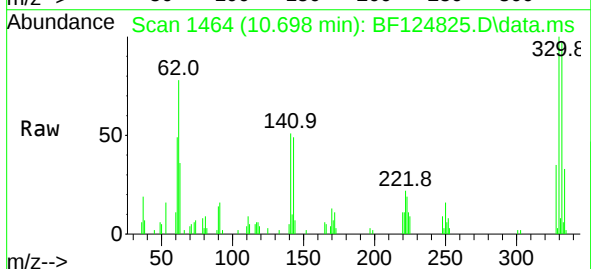
Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

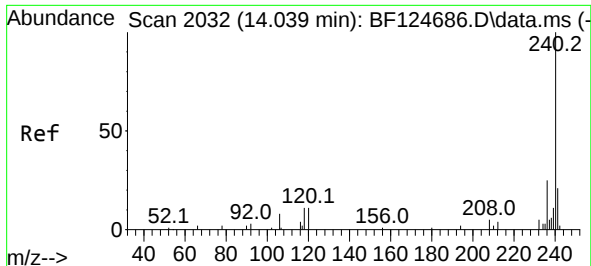
Tgt Ion:188 Resp: 25698
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 8.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.113 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Tgt Ion:248 Resp: 1121
Ion Ratio Lower Upper
248 100
250 184.1 74.2 111.4#
141 566.4 60.4 90.6#

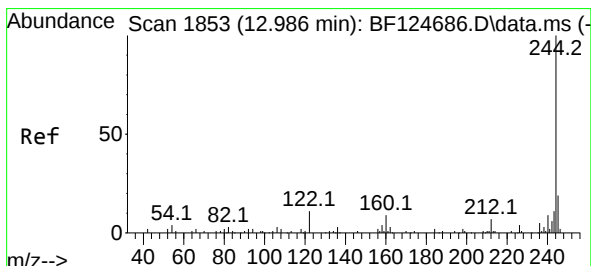
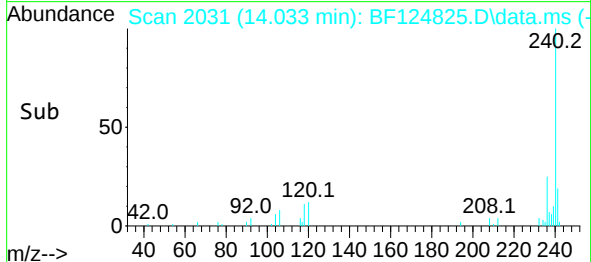
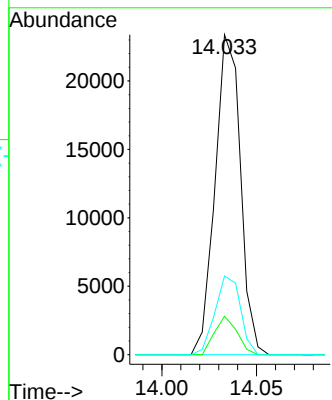
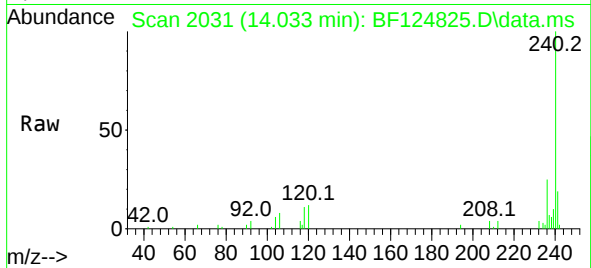




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

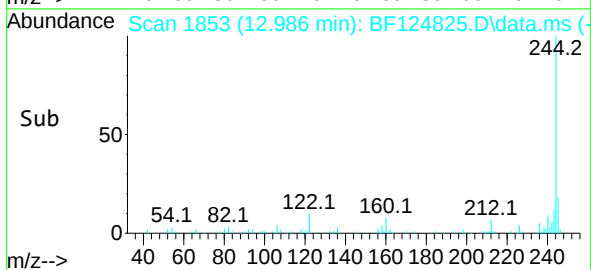
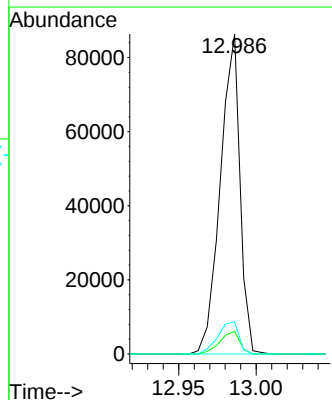
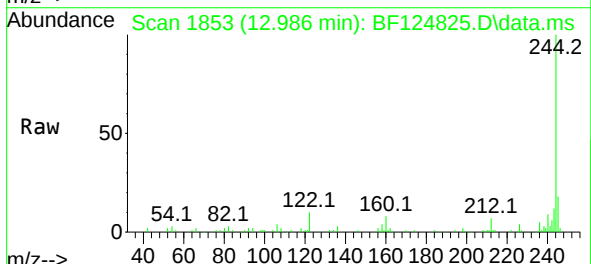
Instrument :
BNA_F
ClientSampleId :
20210554-COM-27

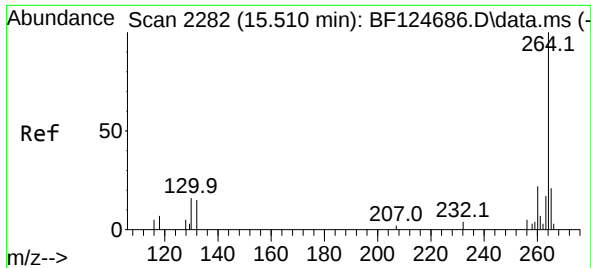
Tgt Ion:240 Resp: 21776
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 24.6 21.6 32.4



#79
Terphenyl-d14
Concen: 59.719 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

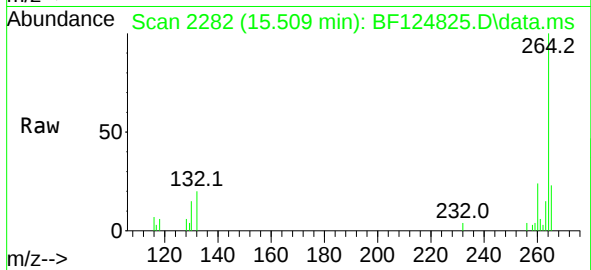
Tgt Ion:244 Resp: 75865
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.0 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124825.D
Acq: 28 Jul 2021 13:39

Instrument :
BNA_F
ClientSampleId :
20210554-COM-27



Tgt Ion:	264	Resp:	16565
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.6	29.4
265	22.9	17.2	25.8

