

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124823.D
 Acq On : 28 Jul 2021 12:33
 Operator : JU/CG
 Sample : M3184-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210564-COM-37

Quant Time: Jul 28 13:06:15 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)

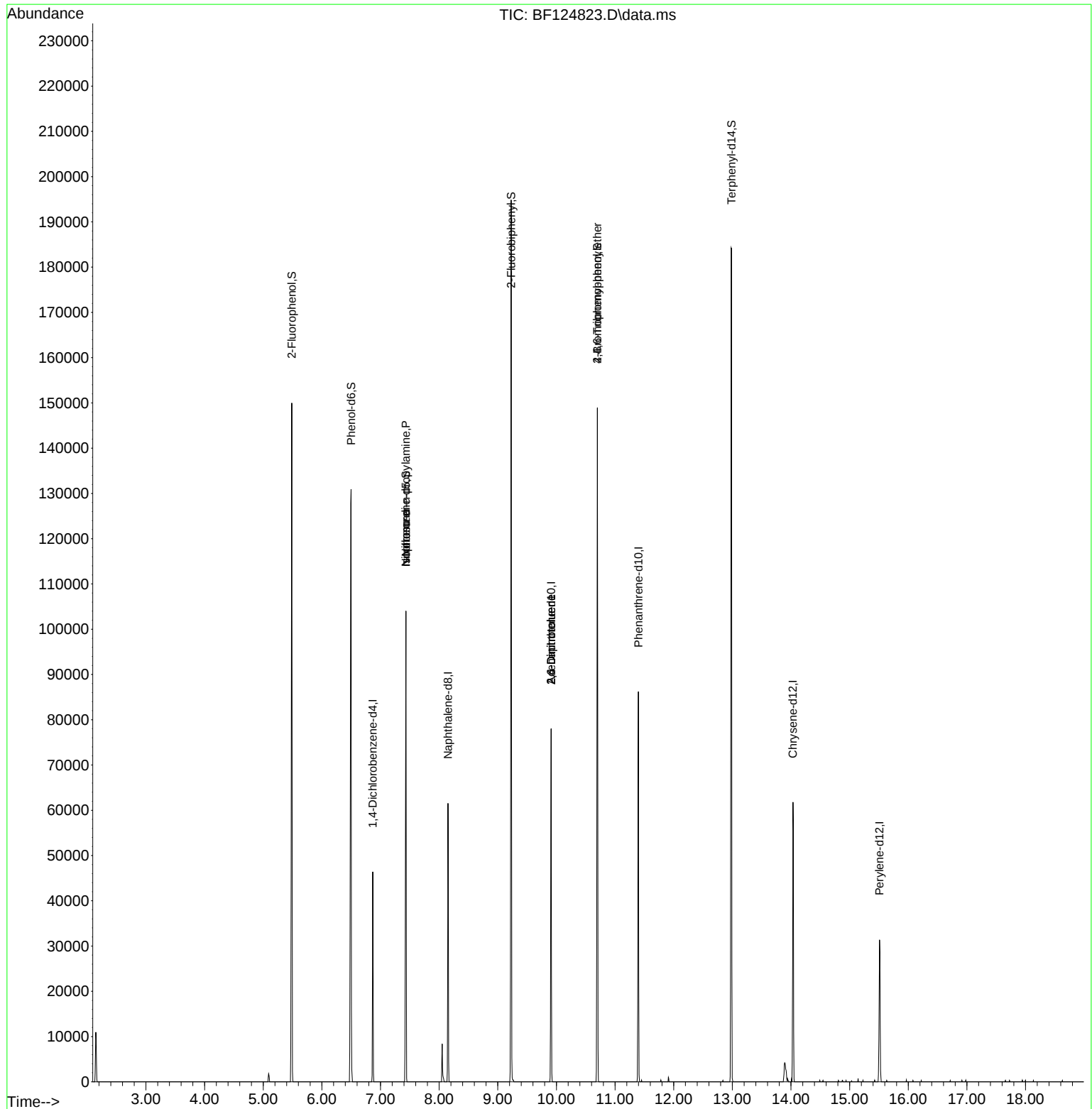
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6548	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	24526	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	15286	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	30252	20.000	ng	0.00
76) Chrysene-d12	14.033	240	24473	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	16623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	37709	97.507	ng	0.00
7) Phenol-d6	6.498	99	45762	94.388	ng	0.00
23) Nitrobenzene-d5	7.434	82	28988	70.346	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	15223	115.989	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	53419	51.327	ng	0.00
79) Terphenyl-d14	12.986	244	71063	49.774	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	3790	14.639	ng	# 71
25) Isophorone	7.434	82	28987	39.782	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	2025	8.709	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	2025	6.417	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1106	3.447	ng	# 1

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

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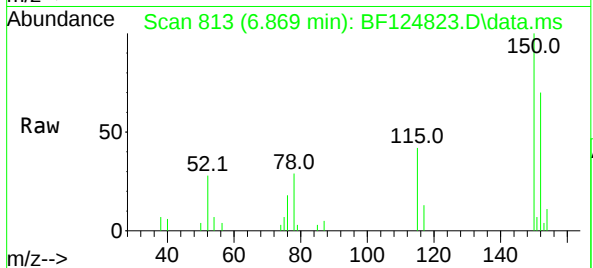
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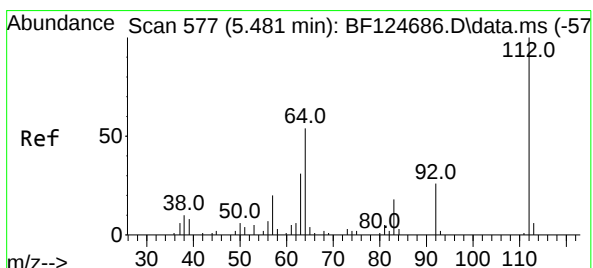
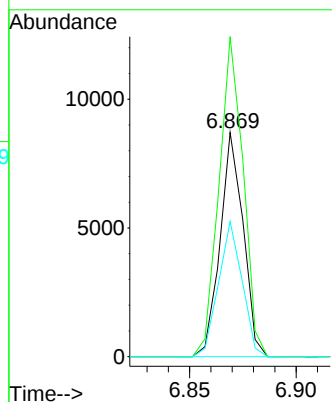
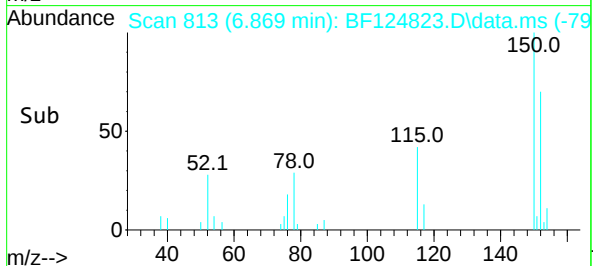


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

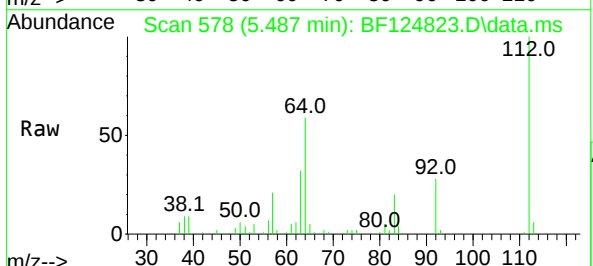
Instrument :
BNA_F
ClientSampleId :
20210564-COM-37



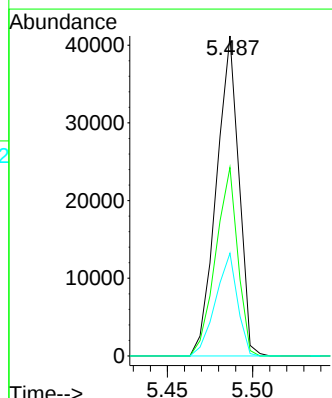
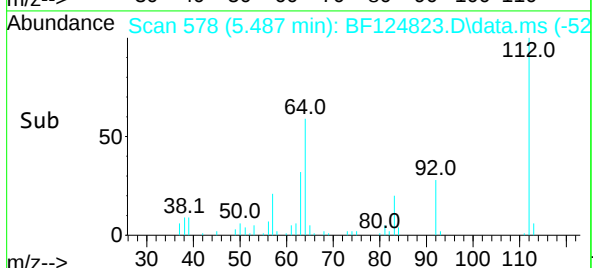
Tgt Ion:152 Resp: 6548
Ion Ratio Lower Upper
152 100
150 142.7 117.6 176.4
115 60.3 47.1 70.7

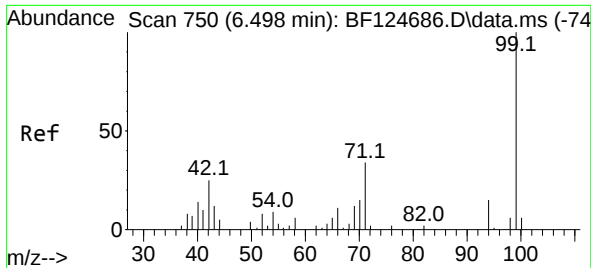


#5
2-Fluorophenol
Concen: 97.507 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33



Tgt Ion:112 Resp: 37709
Ion Ratio Lower Upper
112 100
64 58.9 44.2 66.2
63 32.1 26.2 39.2

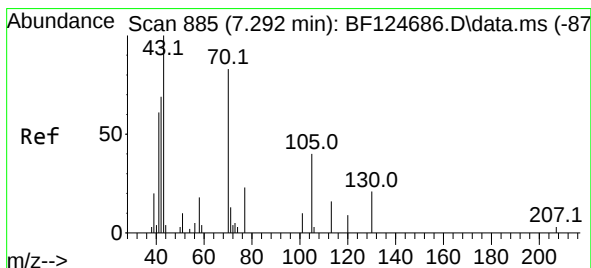
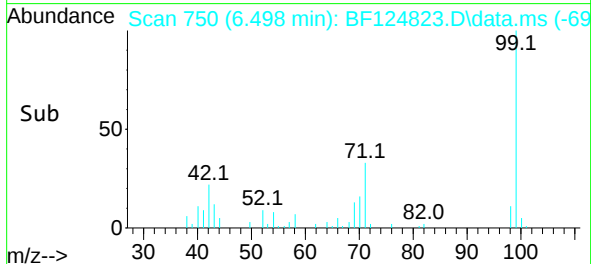
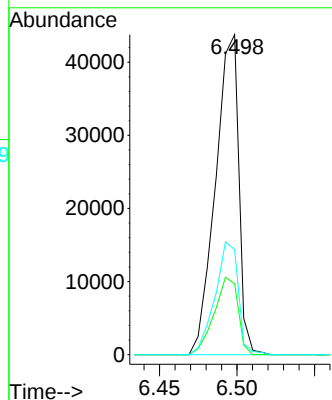
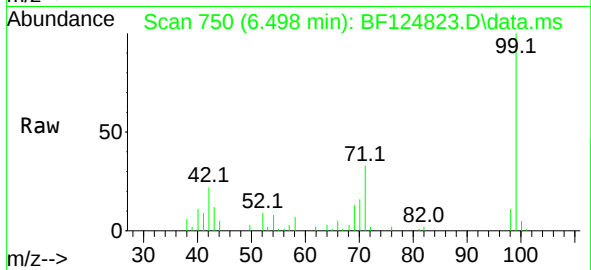




#7
Phenol-d6
Concen: 94.388 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

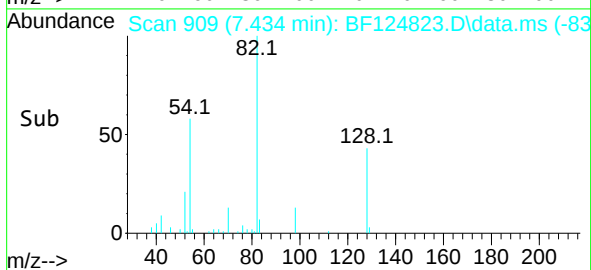
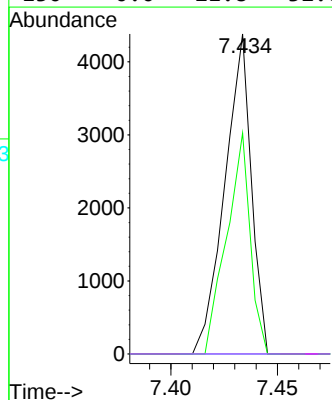
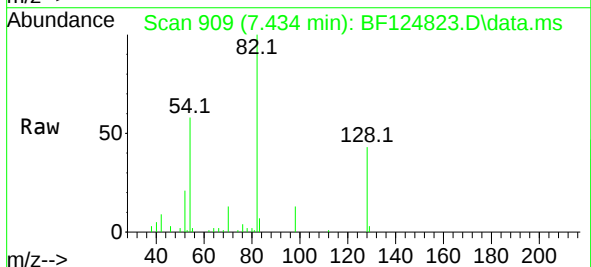
Instrument :
BNA_F
ClientSampleId :
20210564-COM-37

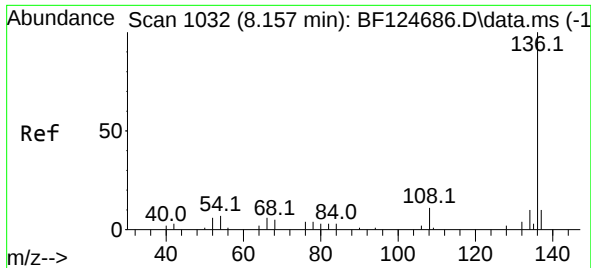
Tgt Ion: 99 Resp: 45762
Ion Ratio Lower Upper
99 100
42 22.2 23.5 35.3#
71 32.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.639 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

Tgt Ion: 70 Resp: 3790
Ion Ratio Lower Upper
70 100
42 69.0 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

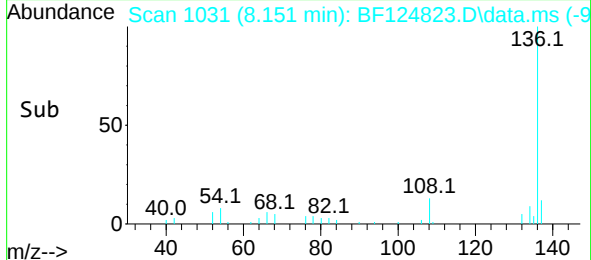
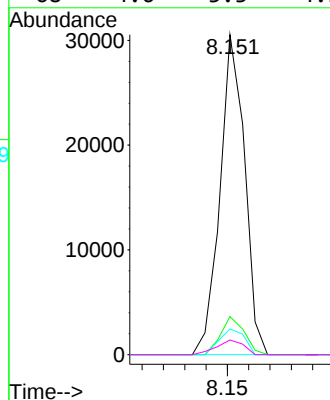
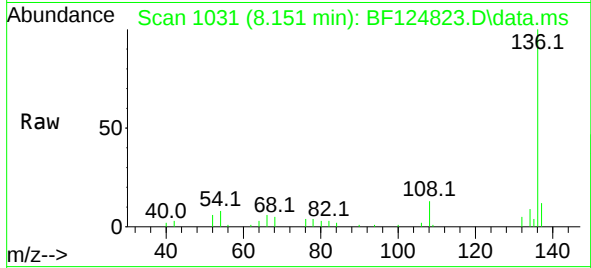




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

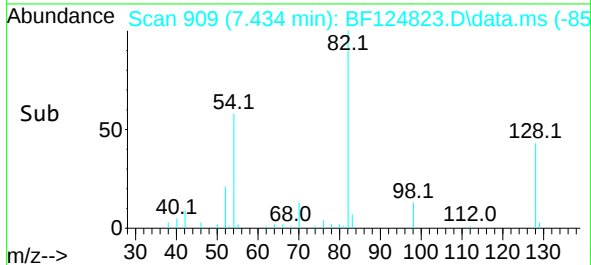
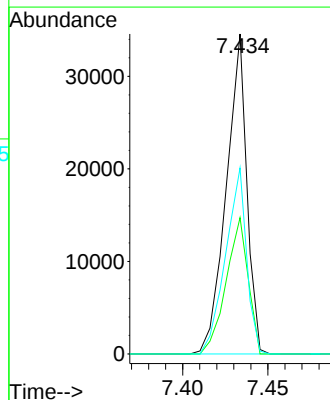
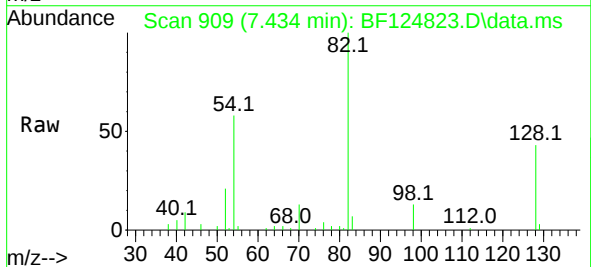
Instrument :
BNA_F
ClientSampleId :
20210564-COM-37

Tgt Ion:136	Resp:	24526
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.8 14.6
54	8.1	6.4 9.6
68	4.6	3.3 4.9



#23
Nitrobenzene-d5
Concen: 70.346 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

Tgt Ion: 82	Resp:	28988
Ion Ratio	Lower	Upper
82	100	
128	42.6	40.6 60.8
54	58.2	49.6 74.4

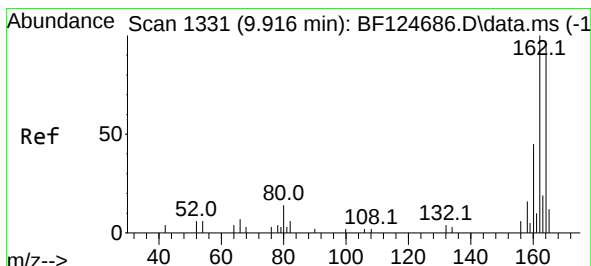
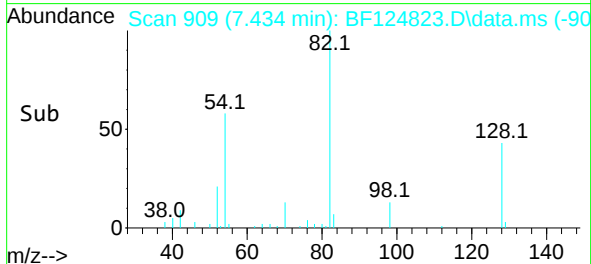
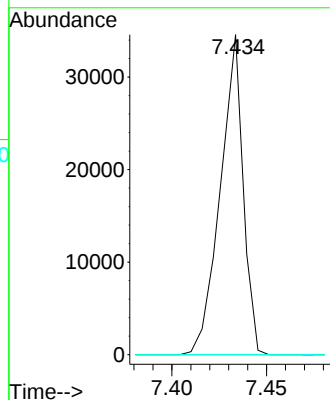
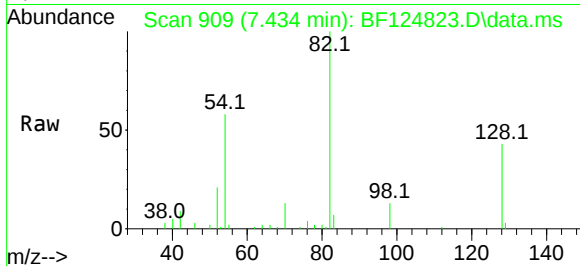




#25
Isophorone
Concen: 39.782 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

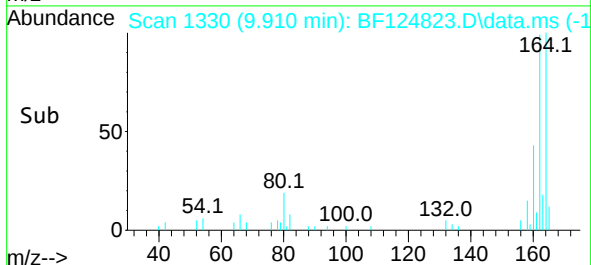
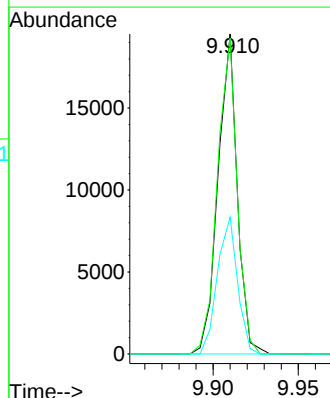
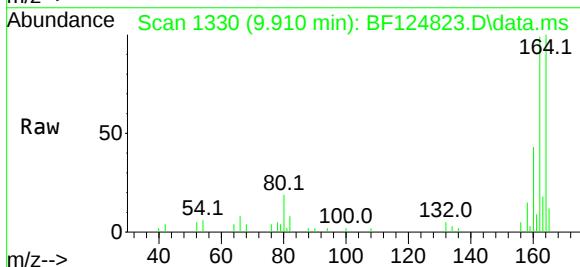
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BNA_F
ClientSampleId :
20210564-COM-37

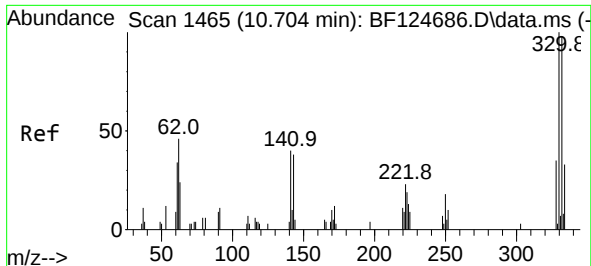
Tgt Ion: 82 Resp: 28987
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

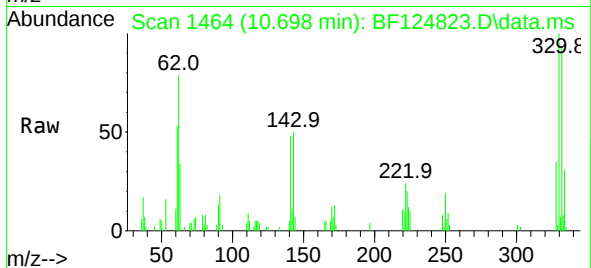
Tgt Ion: 164 Resp: 15286
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 42.8 38.0 57.0



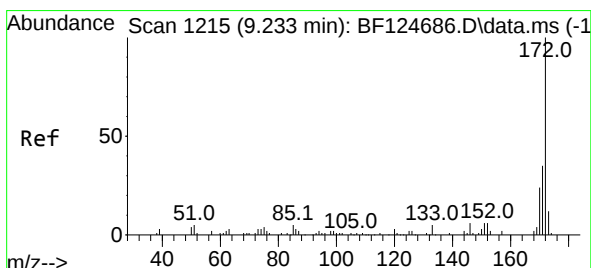
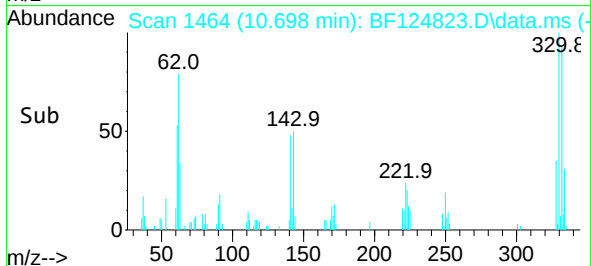
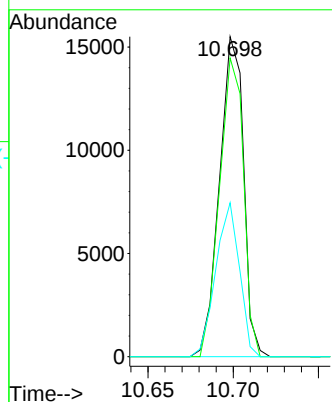


#42
2,4,6-Tribromophenol
Concen: 115.989 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

Instrument :
BNA_F
ClientSampleId :
20210564-COM-37

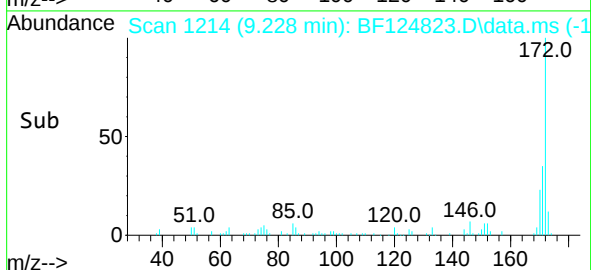
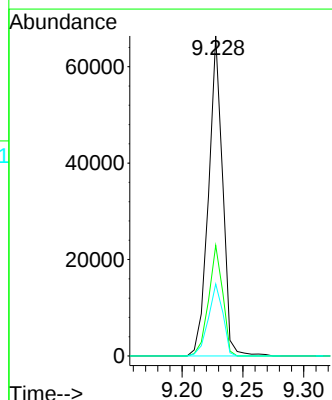
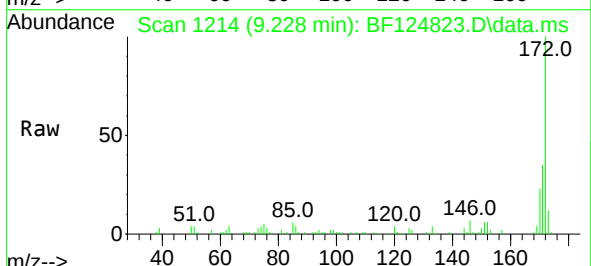


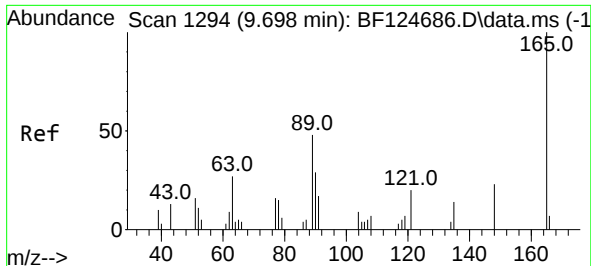
Tgt Ion: 330 Resp: 15223
Ion Ratio Lower Upper
330 100
332 93.2 76.2 114.4
141 47.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 51.327 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

Tgt Ion: 172 Resp: 53419
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 22.5 18.8 28.2

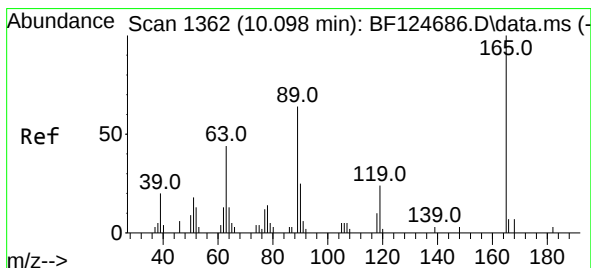
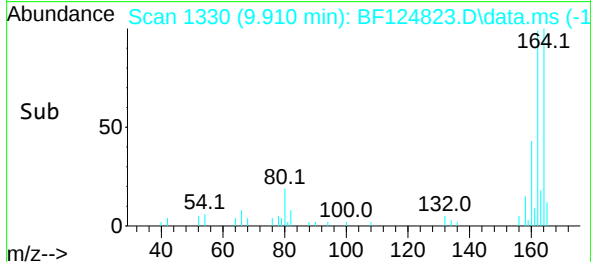
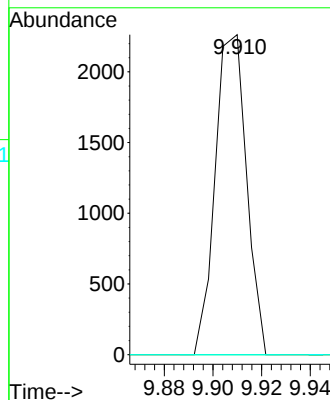
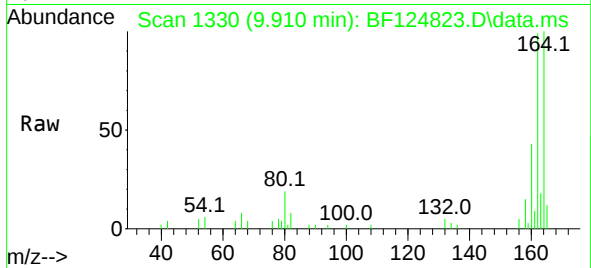




#51
2,6-Dinitrotoluene
Concen: 8.709 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

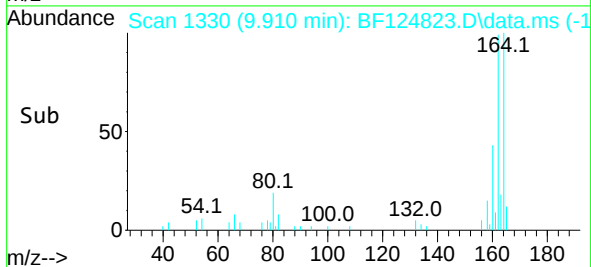
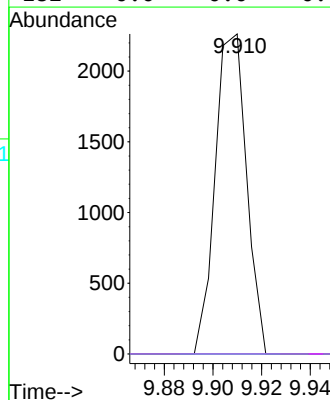
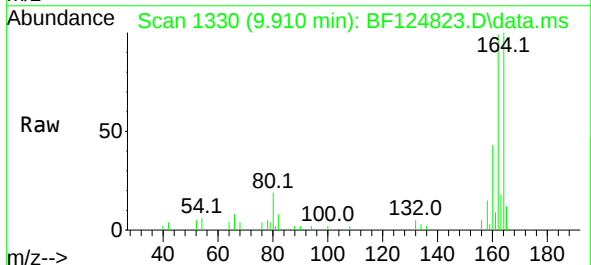
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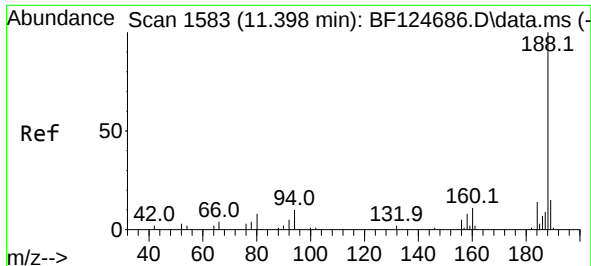
Tgt Ion:165 Resp: 2025
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.417 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

Tgt Ion:165 Resp: 2025
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

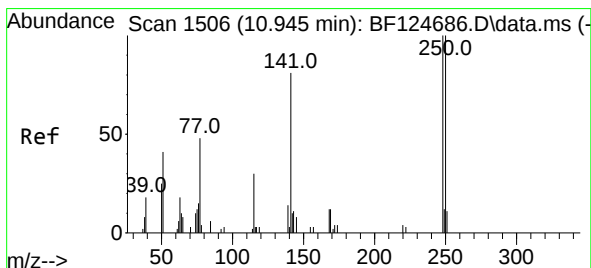
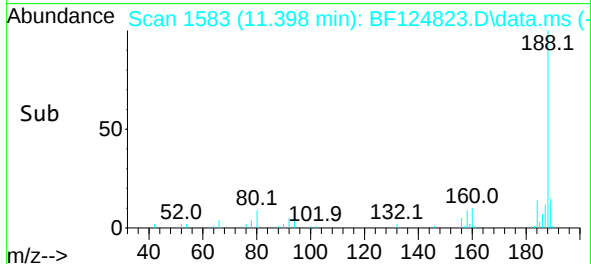
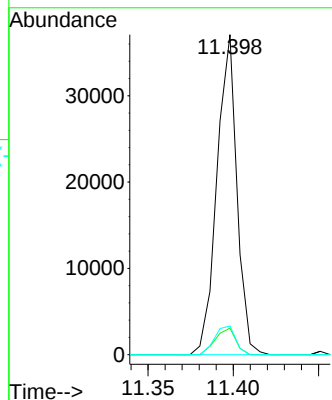
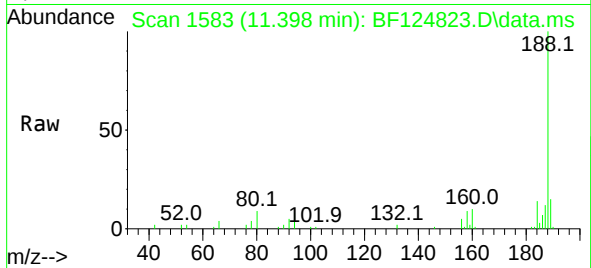




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

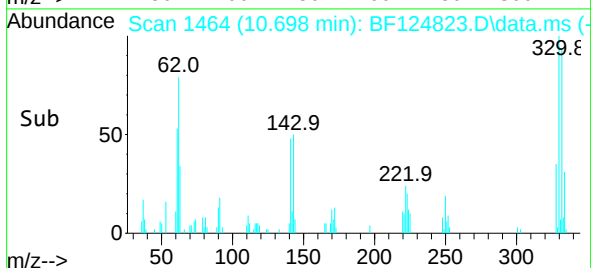
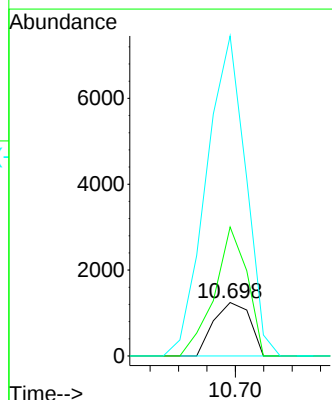
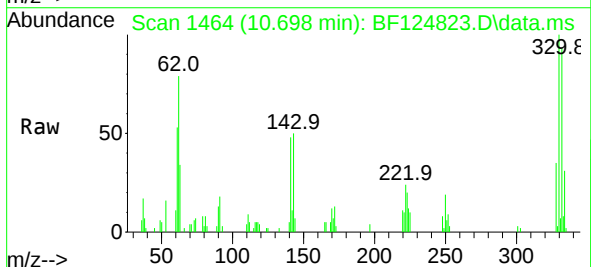
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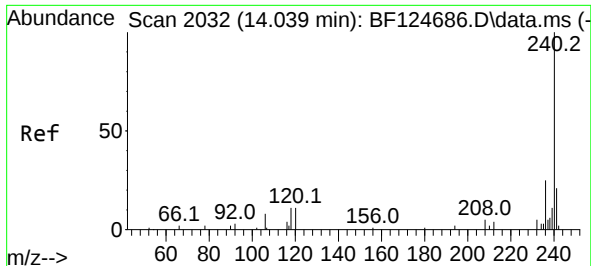
Tgt Ion:188 Resp: 30252
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.447 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

Tgt Ion:248 Resp: 1106
Ion Ratio Lower Upper
248 100
250 241.5 74.2 111.4#
141 599.1 60.4 90.6#

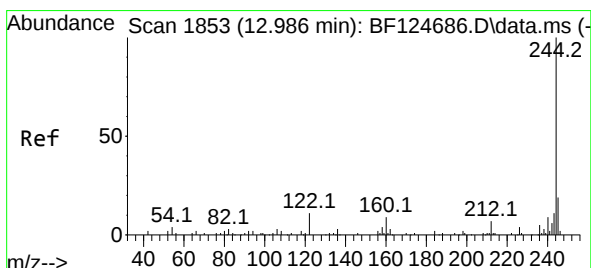
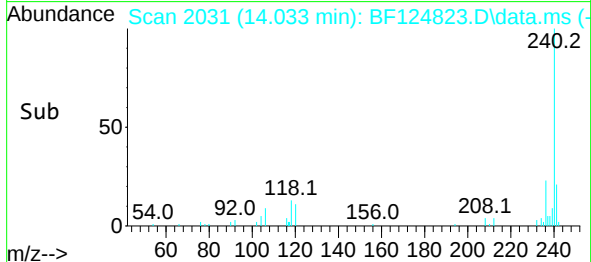
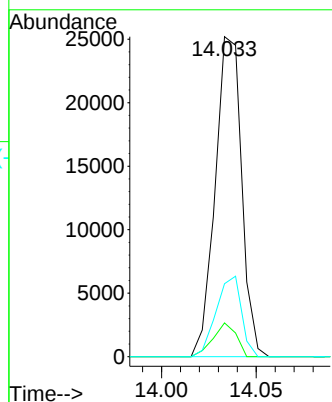
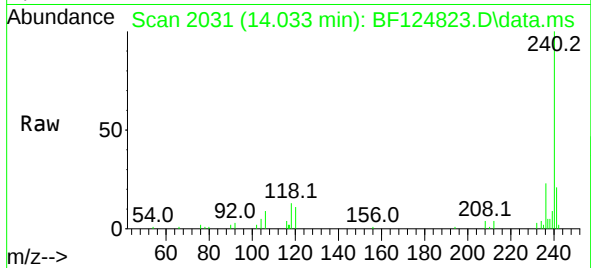




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

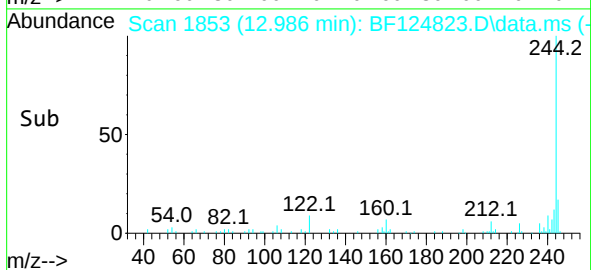
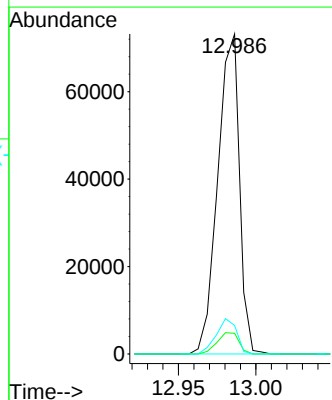
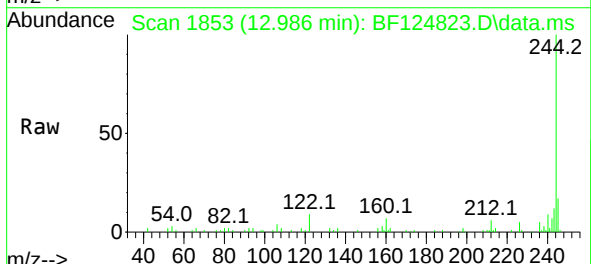
Instrument :
BNA_F
ClientSampleId :
20210564-COM-37

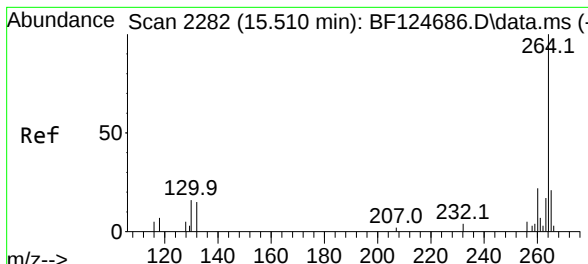
Tgt Ion:240 Resp: 24473
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 22.8 21.6 32.4



#79
Terphenyl-d14
Concen: 49.774 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124823.D
Acq: 28 Jul 2021 12:33

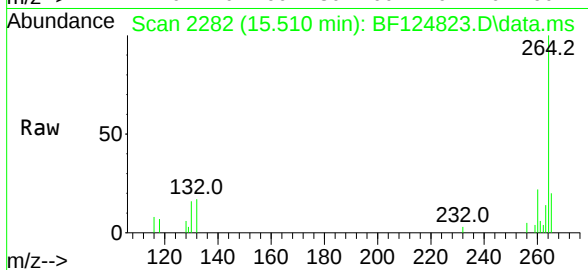
Tgt Ion:244 Resp: 71063
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.9 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. 0.000 min
 Lab File: BF124823.D
 Acq: 28 Jul 2021 12:33

Instrument :
 BNA_F
 ClientSampleId :
 20210564-COM-37



Tgt Ion:	264	Resp:	16623
Ion Ratio	Lower	Upper	
264	100		
260	22.1	19.6	29.4
265	20.2	17.2	25.8

