

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129419.D
 Acq On : 28 Jul 2022 20:51
 Operator : CG\JU
 Sample : N3893-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-14

Quant Time: Jul 29 02:09:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

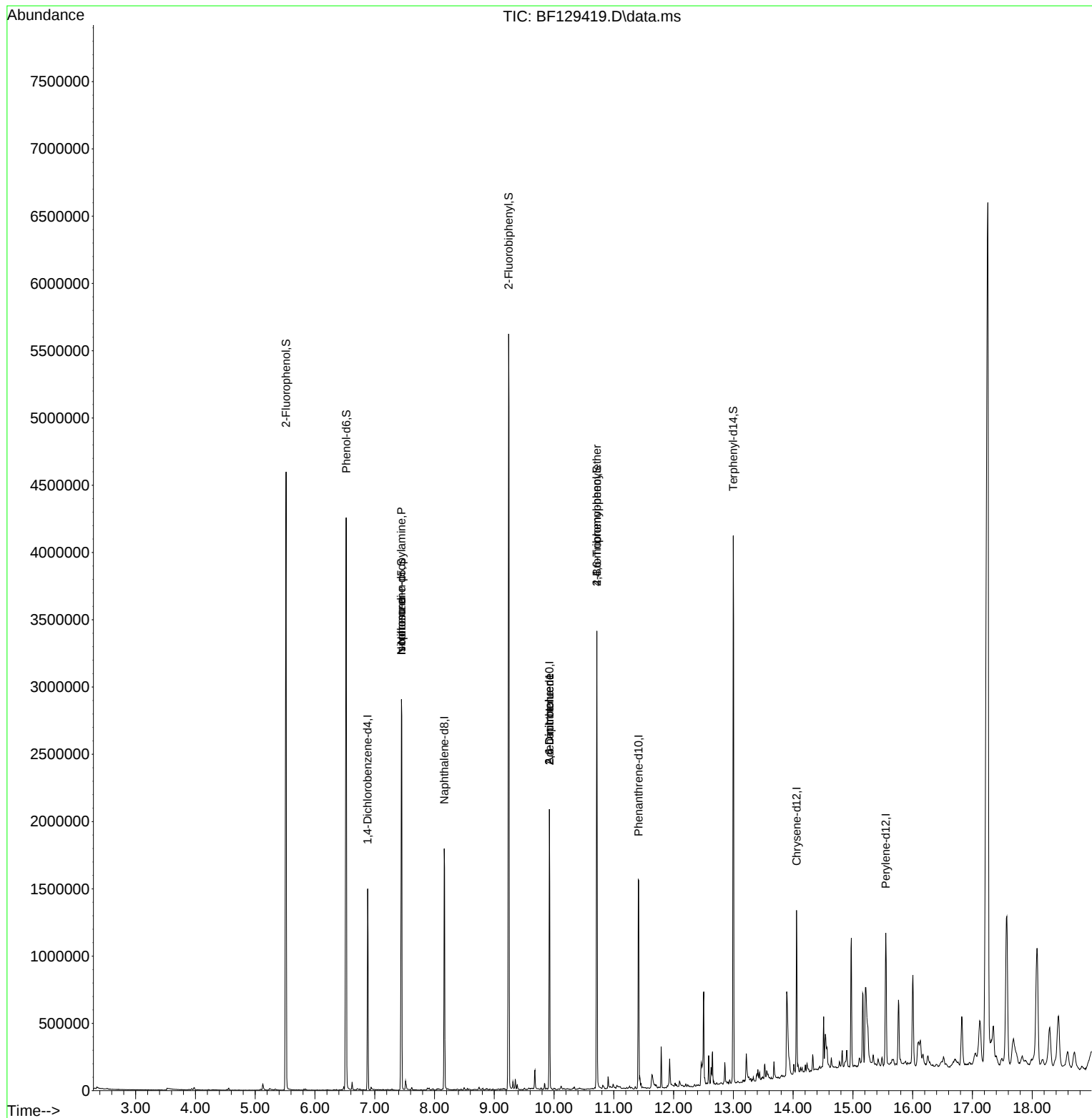
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	207293	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	796800	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	402688	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	581847	20.000	ng	0.00
76) Chrysene-d12	14.057	240	384866	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	393953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1248706	98.129	ng	0.02
7) Phenol-d6	6.522	99	1596441	99.810	ng	0.00
23) Nitrobenzene-d5	7.445	82	1012129	69.341	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	365040	94.288	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1753570	67.364	ng	0.00
79) Terphenyl-d14	12.998	244	1381821	67.736	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	135840	14.029	ng	# 75
25) Isophorone	7.445	82	1012117	38.683	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	52625	8.458	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	52625	6.475	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	23241	3.648	ng	# 1

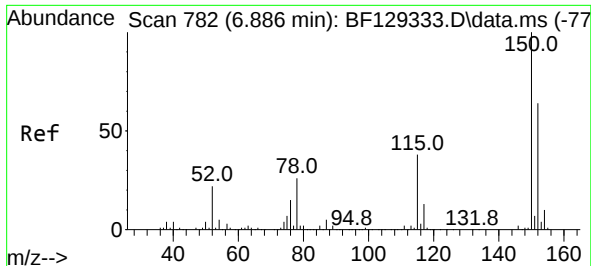
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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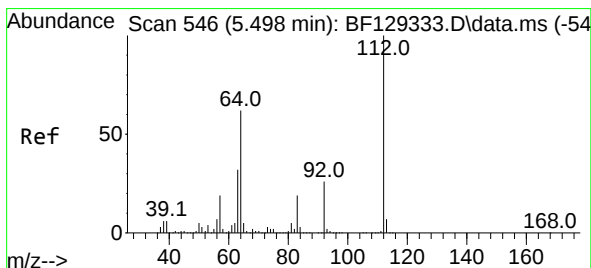
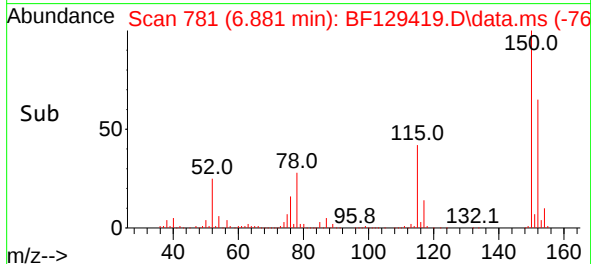
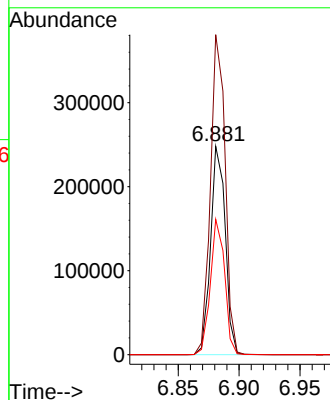
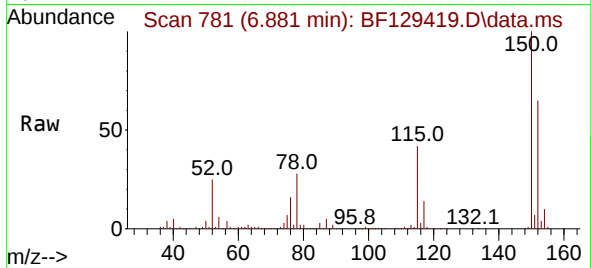




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129419.D
 Acq: 28 Jul 2022 20:51

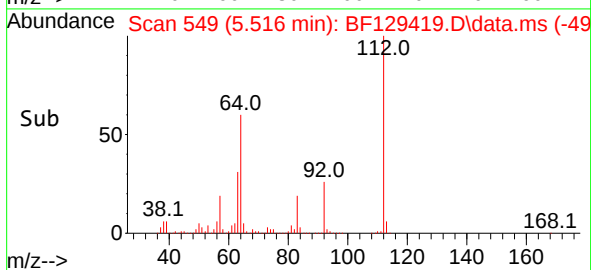
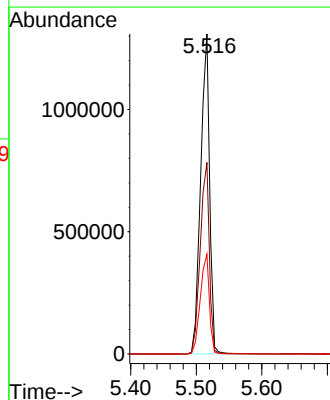
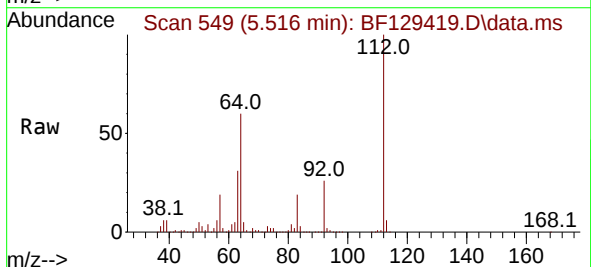
Instrument :
 BNA_F
 ClientSampleId :
 RVE-14

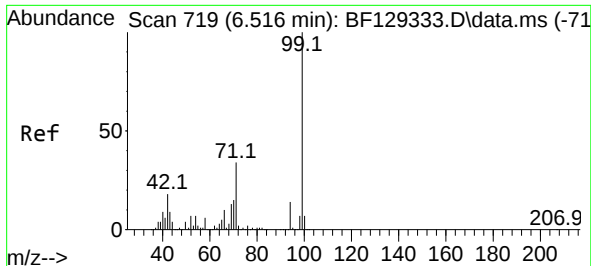
Tgt Ion:152 Resp: 207293
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.7 185.5
 115 65.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 98.129 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129419.D
 Acq: 28 Jul 2022 20:51

Tgt Ion:112 Resp: 1248706
 Ion Ratio Lower Upper
 112 100
 64 59.9 53.3 79.9
 63 31.2 28.0 42.0

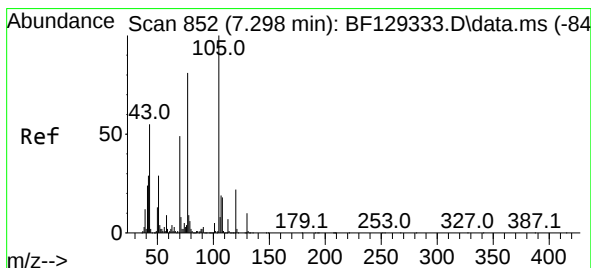
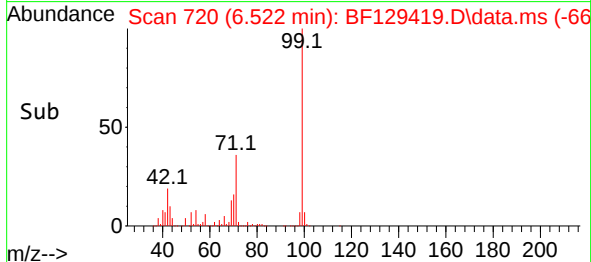
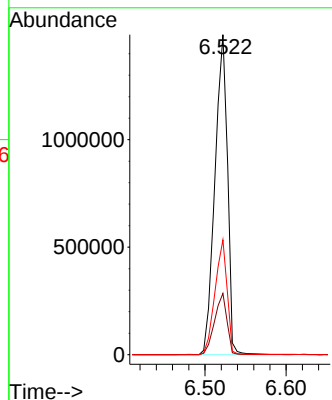
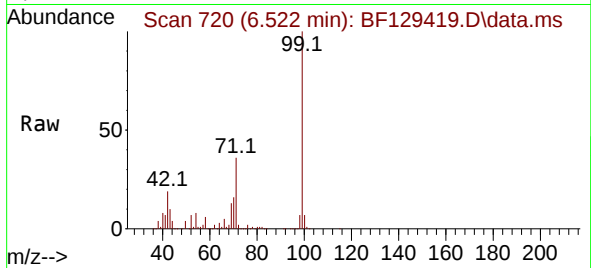




#7
Phenol-d6
Concen: 99.810 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

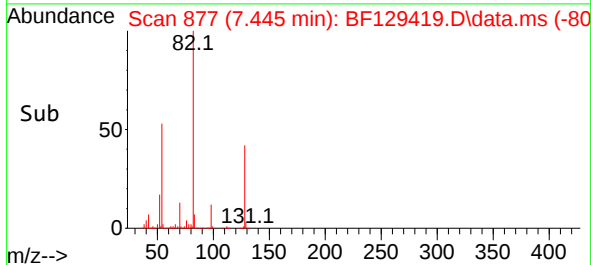
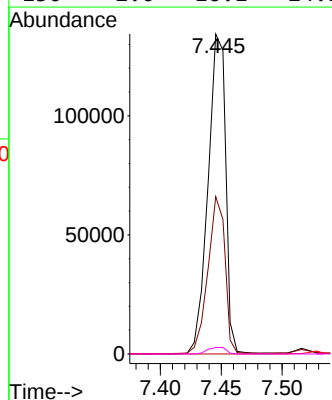
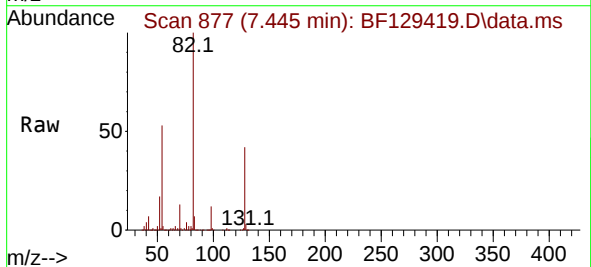
Instrument :
BNA_F
ClientSampleId :
RVE-14

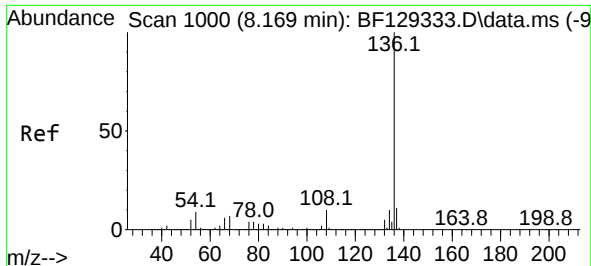
Tgt Ion: 99 Resp: 1596441
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 35.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.029 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

Tgt Ion: 70 Resp: 135840
Ion Ratio Lower Upper
70 100
42 49.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



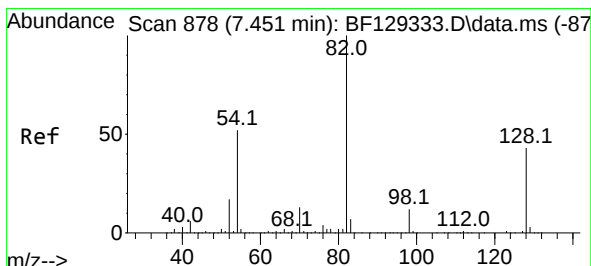
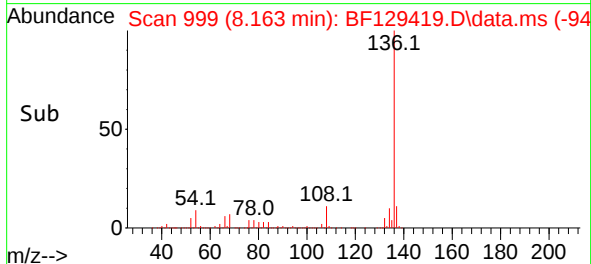
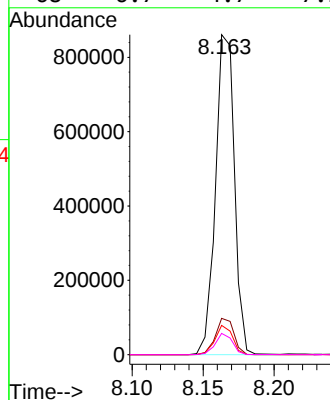
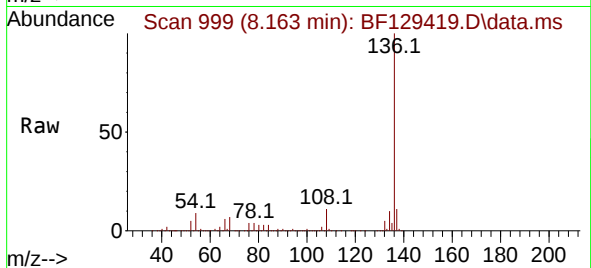


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

Instrument :
BNA_F
ClientSampleId :
RVE-14

Tgt Ion:136 Resp: 796800

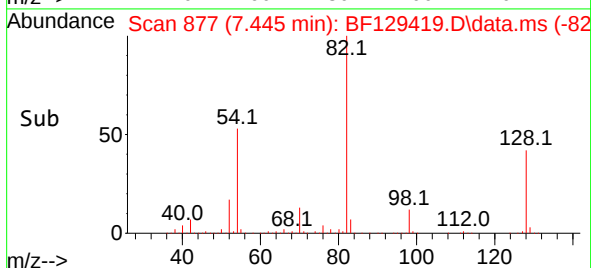
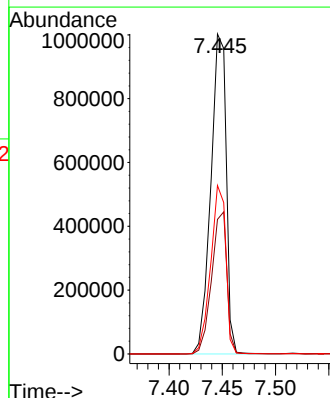
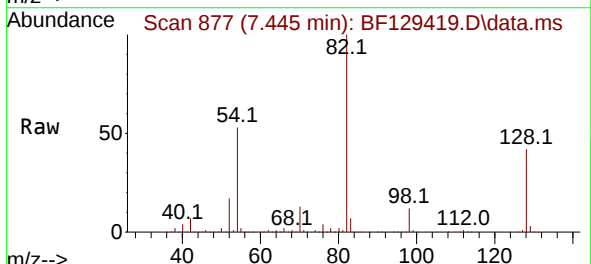
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.2	7.5	11.3
68	6.7	4.7	7.1

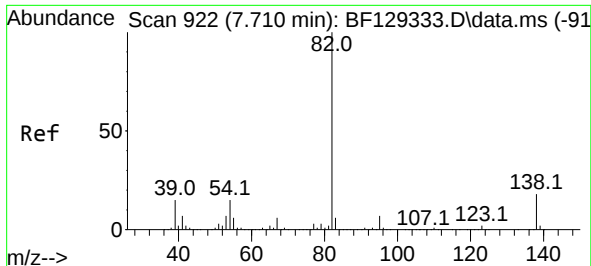


#23
Nitrobenzene-d5
Concen: 69.341 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

Tgt Ion: 82 Resp: 1012129

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.0	51.0
54	52.7	46.9	70.3

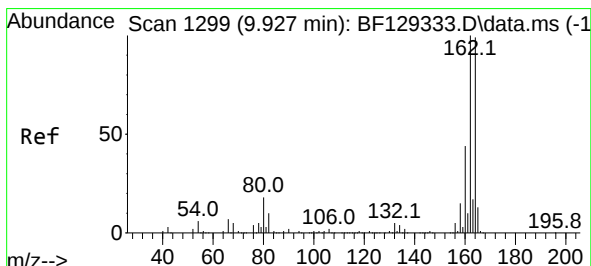
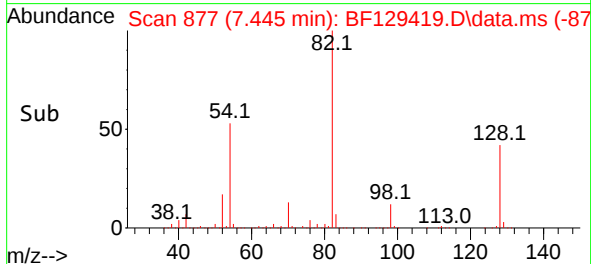
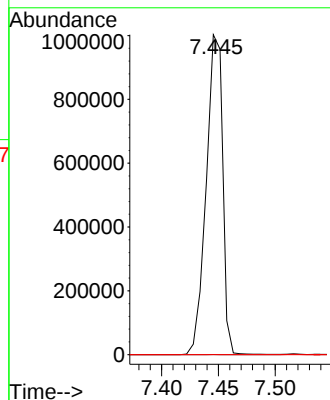
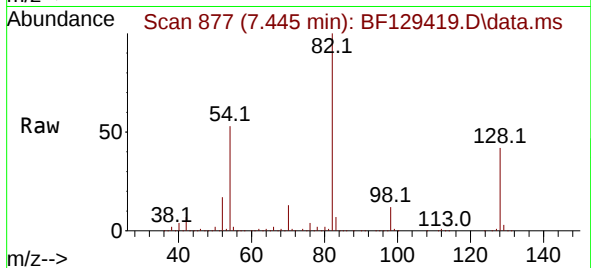




#25
Isophorone
Concen: 38.683 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

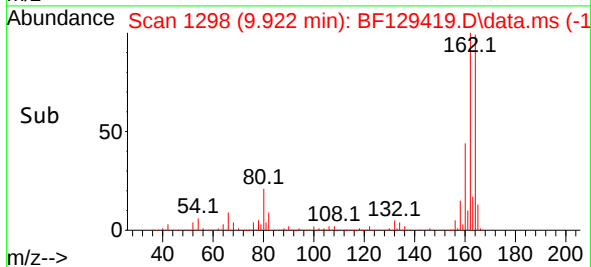
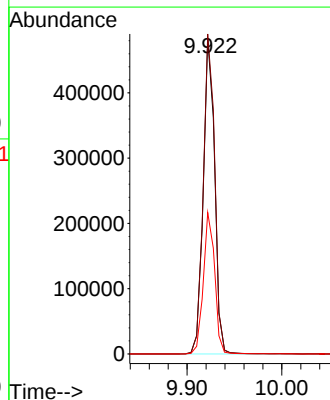
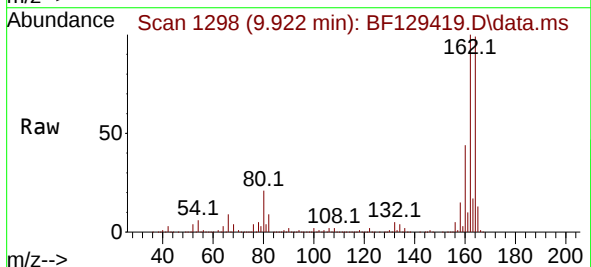
Instrument :
BNA_F
ClientSampleId :
RVE-14

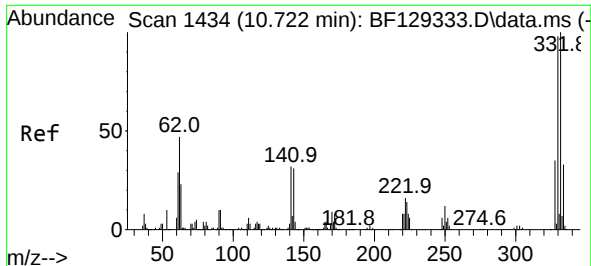
Tgt Ion: 82 Resp: 1012117
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

Tgt Ion:164 Resp: 402688
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 44.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 94.288 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129419.D

Acq: 28 Jul 2022 20:51

Instrument :

BNA_F

ClientSampleId :

RVE-14

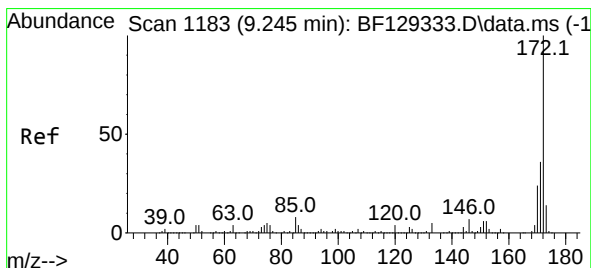
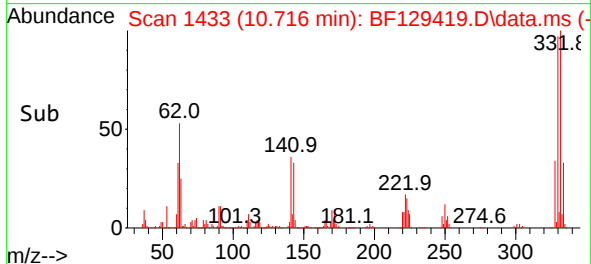
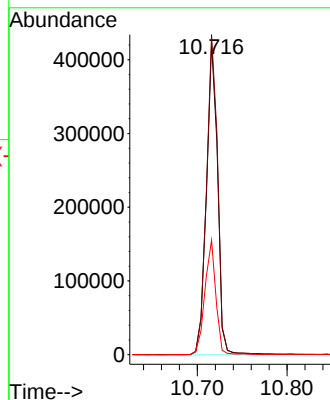
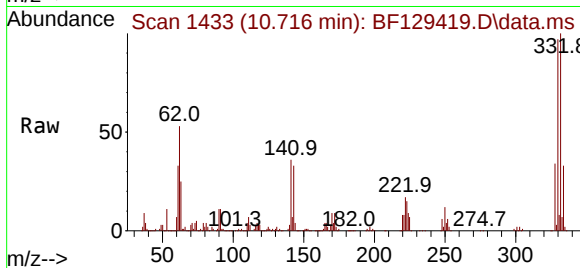
Tgt Ion:330 Resp: 365040

Ion Ratio Lower Upper

330 100

332 103.5 76.8 115.2

141 36.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.364 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129419.D

Acq: 28 Jul 2022 20:51

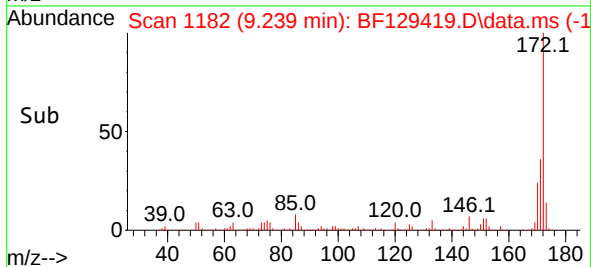
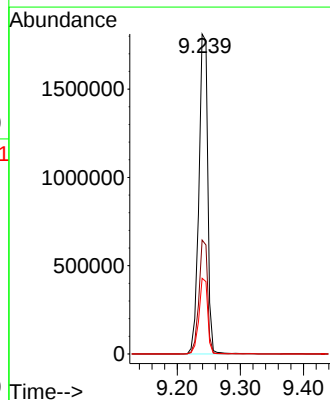
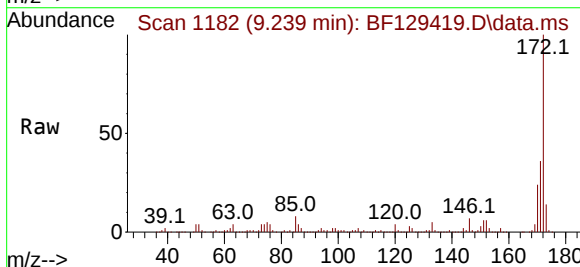
Tgt Ion:172 Resp: 1753570

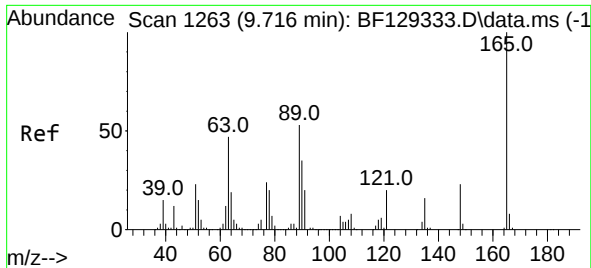
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.6 19.8 29.8

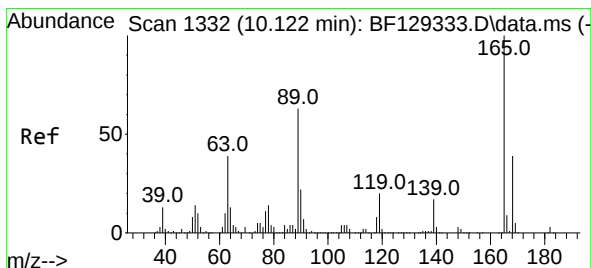
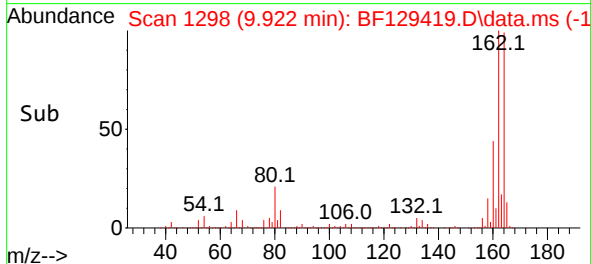
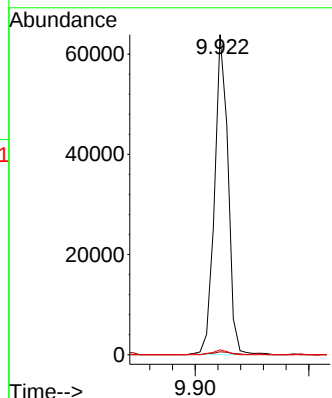
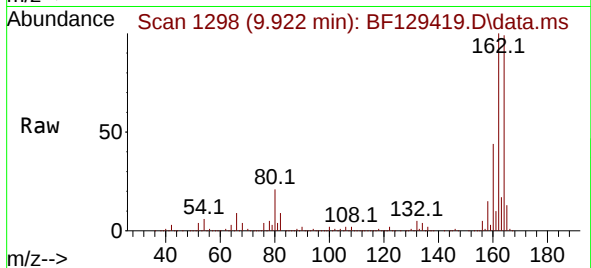




#51
2,6-Dinitrotoluene
Concen: 8.458 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

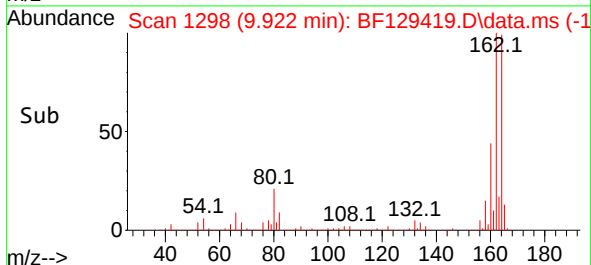
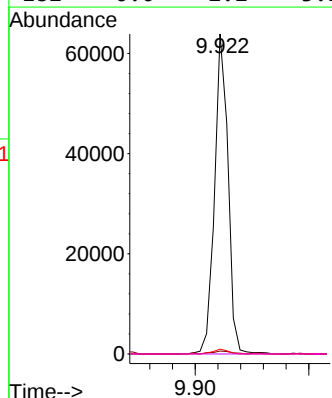
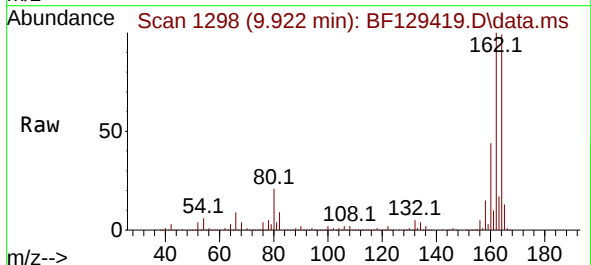
Instrument :
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RVE-14

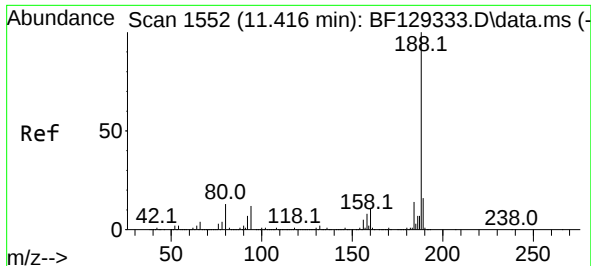
Tgt Ion:165 Resp: 52625
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.475 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

Tgt Ion:165 Resp: 52625
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

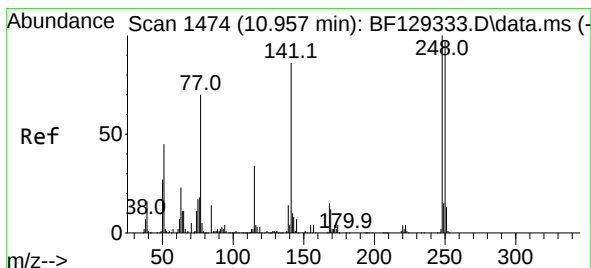
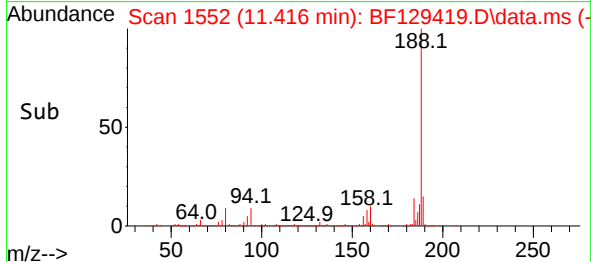
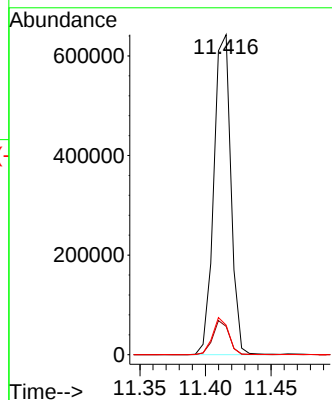
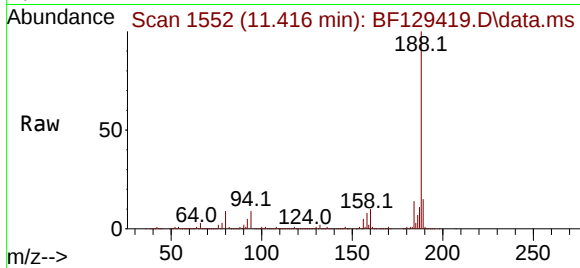




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

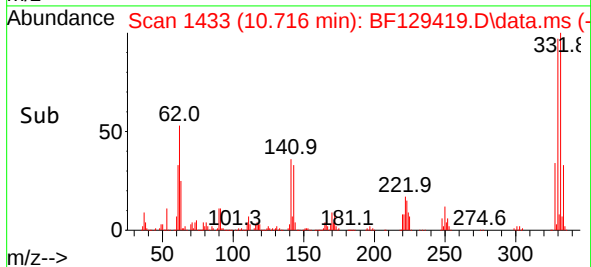
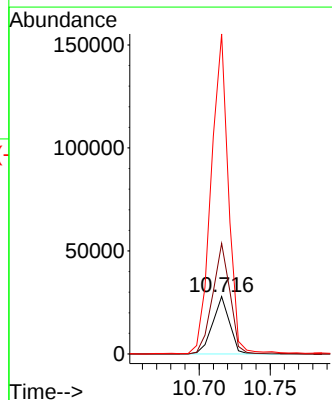
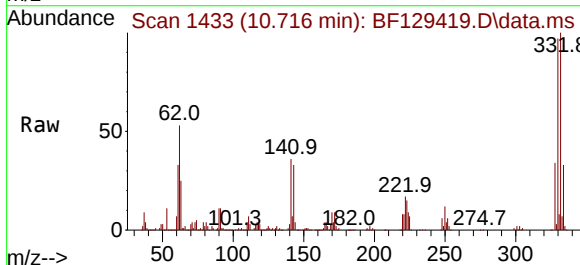
Instrument :
BNA_F
ClientSampleId :
RVE-14

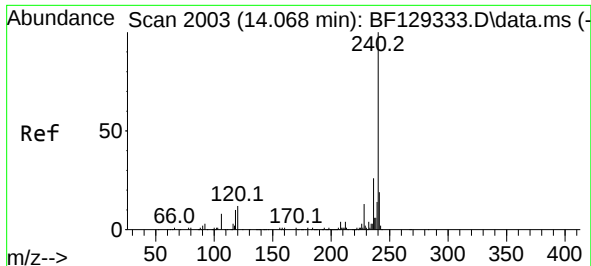
Tgt Ion:188 Resp: 581847
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.2 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.648 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

Tgt Ion:248 Resp: 23241
Ion Ratio Lower Upper
248 100
250 192.6 80.6 120.8#
141 557.3 58.9 88.3#

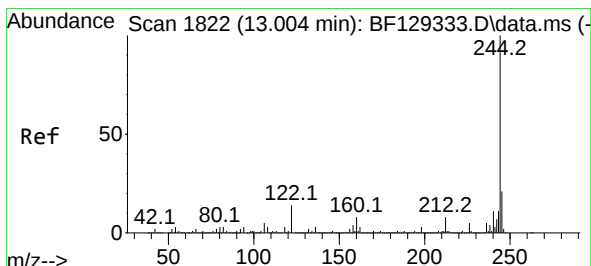
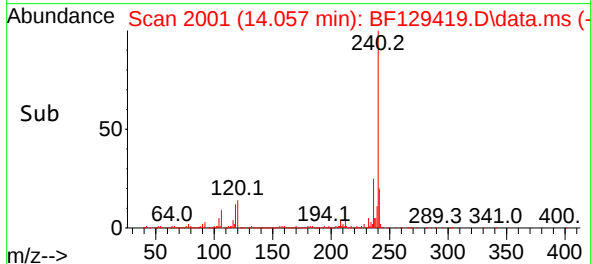
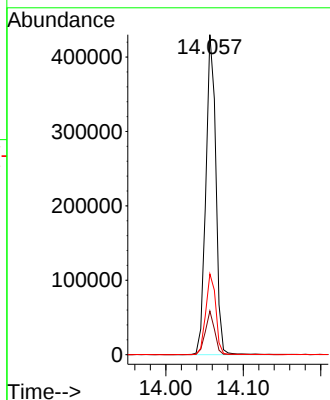
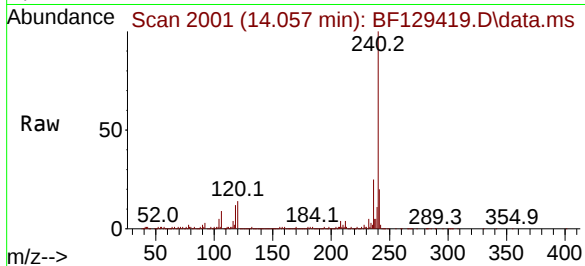




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

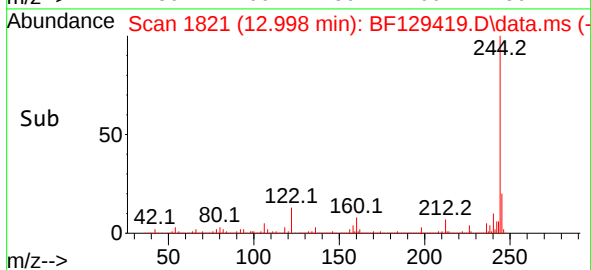
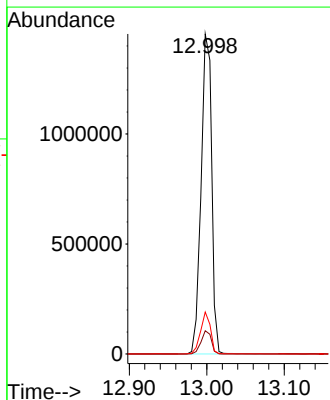
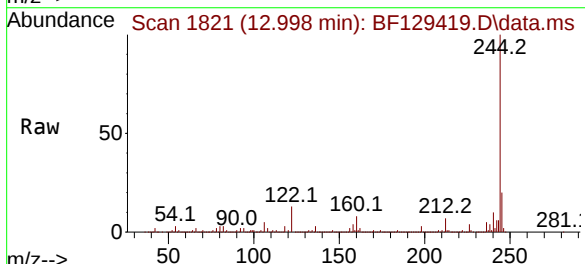
Instrument :
BNA_F
ClientSampleId :
RVE-14

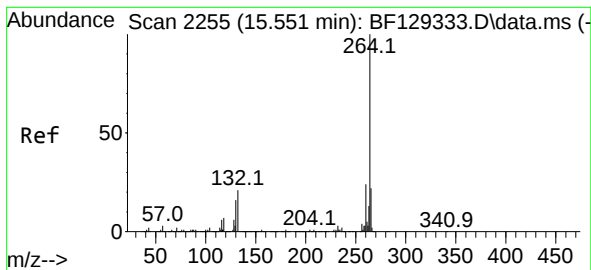
Tgt Ion:240 Resp: 384866
Ion Ratio Lower Upper
240 100
120 13.7 8.9 13.3#
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 67.736 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF129419.D
Acq: 28 Jul 2022 20:51

Tgt Ion:244 Resp: 1381821
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 13.1 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129419.D

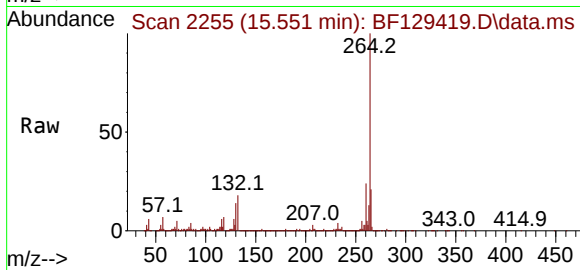
Acq: 28 Jul 2022 20:51

Instrument :

BNA_F

ClientSampleId :

RVE-14



Tgt Ion:264 Resp: 393953

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 20.6 17.2 25.8

