

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129362.D
 Acq On : 26 Jul 2022 18:51
 Operator : CG\JU
 Sample : N3878-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200-E-5TH-ST-DIRT-STONE-ASPHALT

Quant Time: Jul 27 00:40:47 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)

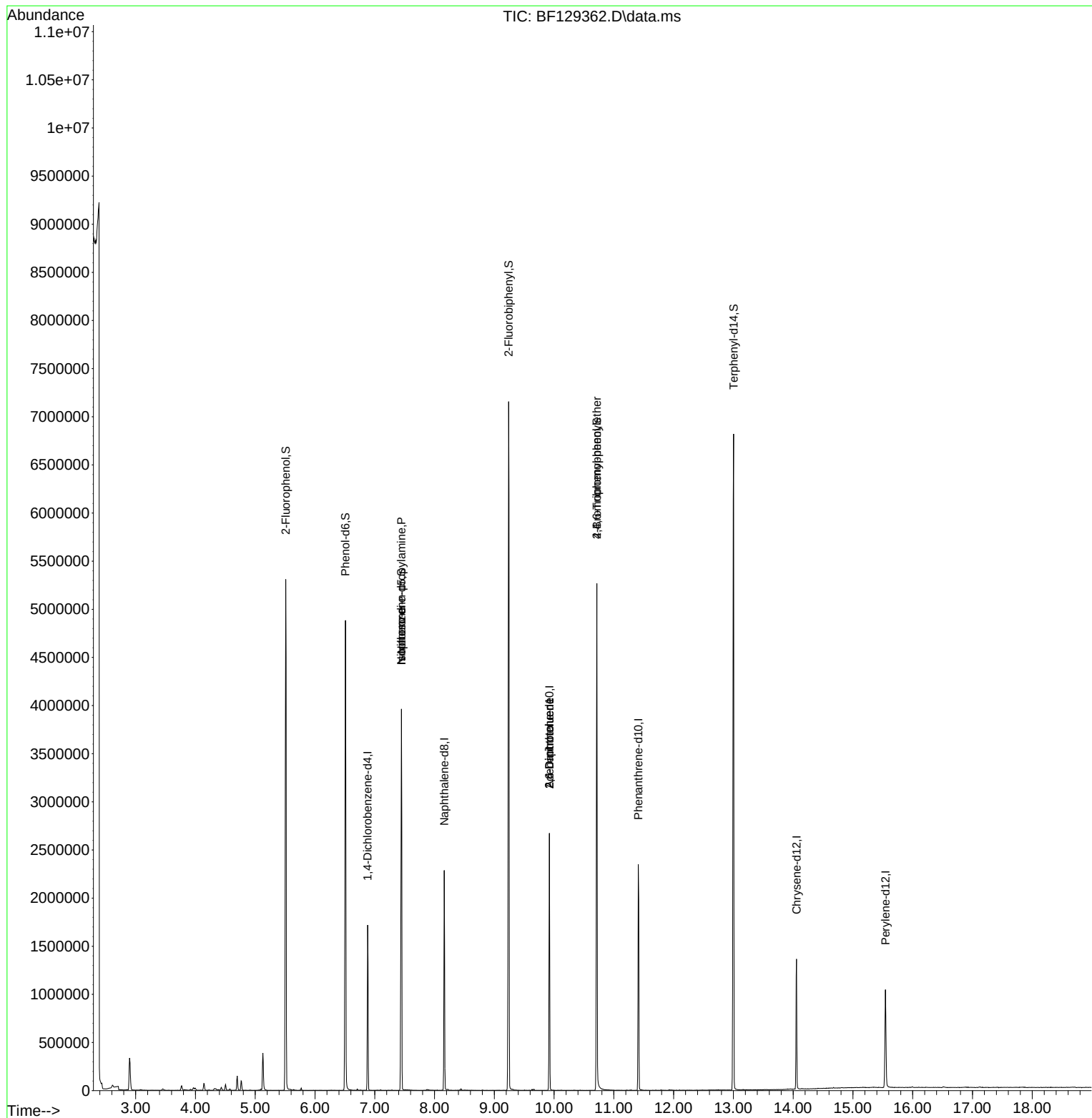
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	242407	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	941176	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	500556	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	824721	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	442601	20.000	ng	-0.01
86) Perylene-d12	15.545	264	454991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1555632	104.540	ng	0.01
7) Phenol-d6	6.510	99	1822394	97.432	ng	0.00
23) Nitrobenzene-d5	7.445	82	1346008	78.069	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	608831	126.511	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2319270	71.676	ng	0.00
79) Terphenyl-d14	13.004	244	2474287	105.466	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	180182	15.912	ng	# 74
25) Isophorone	7.445	82	1344752	43.512	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	66334	8.577	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	66334	6.565	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	38251	4.236	ng	# 1

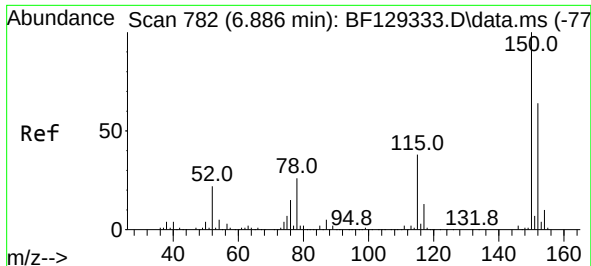
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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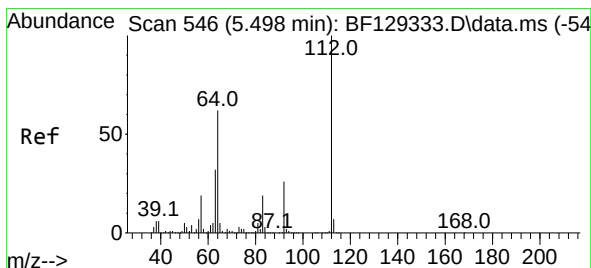
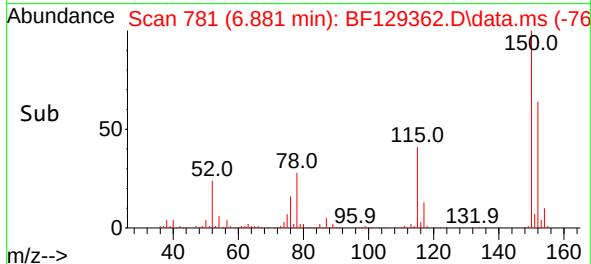
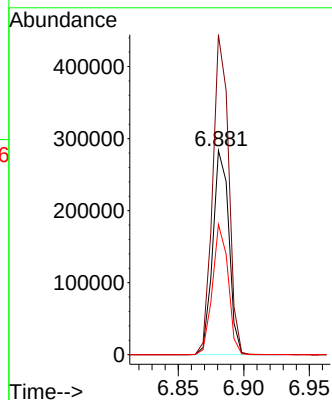
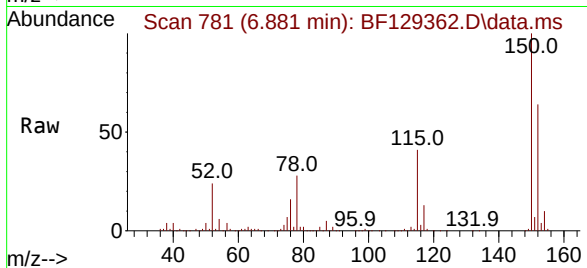




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

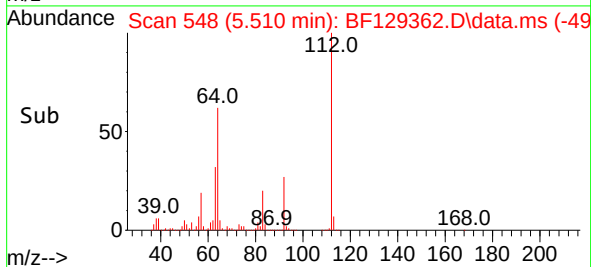
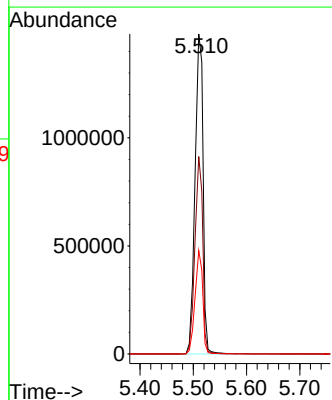
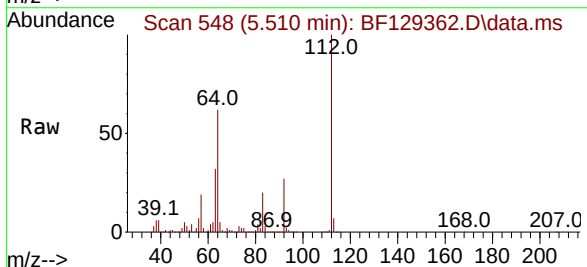
Instrument :
BNA_F
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

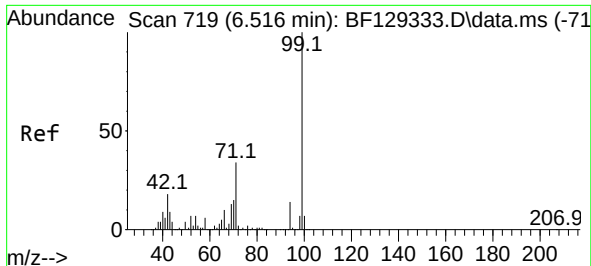
Tgt Ion:152 Resp: 242407
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 104.540 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

Tgt Ion:112 Resp: 1555632
Ion Ratio Lower Upper
112 100
64 61.7 53.3 79.9
63 32.3 28.0 42.0

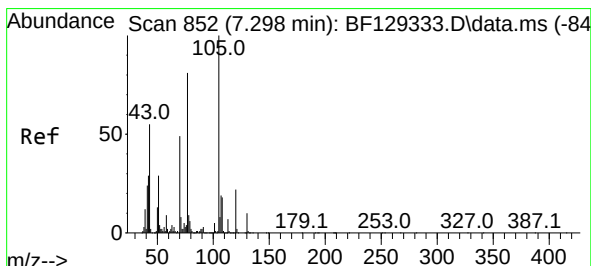
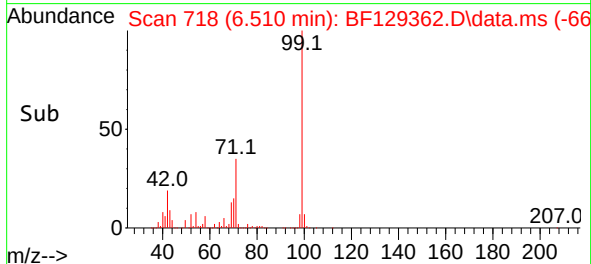
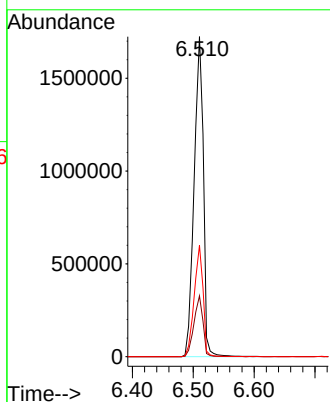
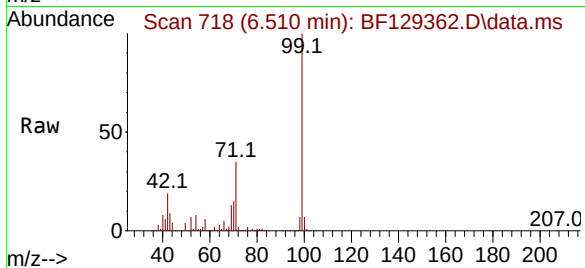




#7
Phenol-d6
Concen: 97.432 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

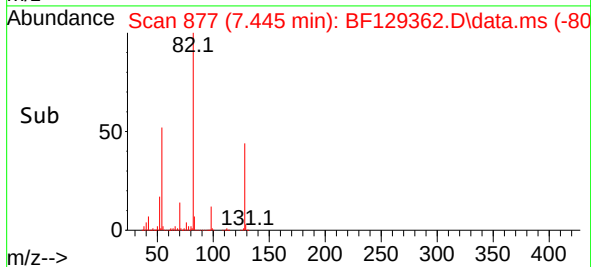
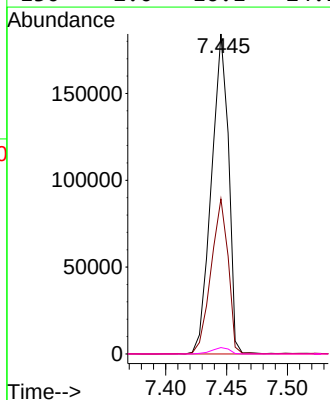
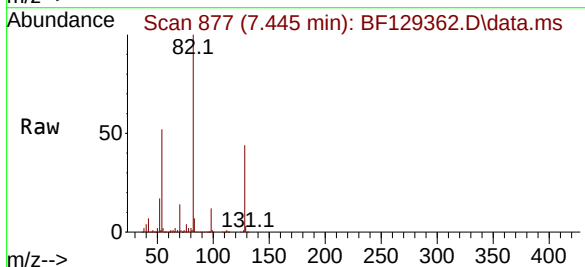
Instrument :
BNA_F
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

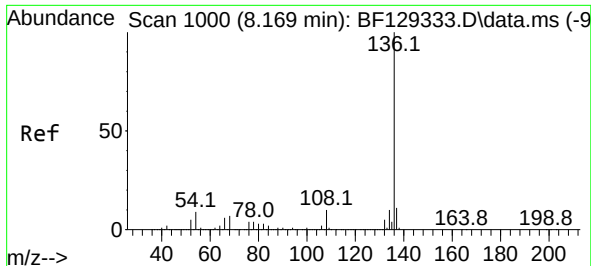
Tgt Ion: 99 Resp: 1822394
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 34.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.912 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

Tgt Ion: 70 Resp: 180182
Ion Ratio Lower Upper
70 100
42 48.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



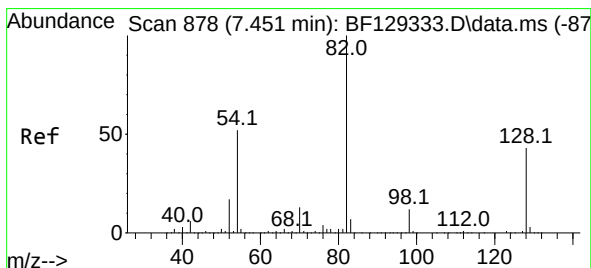
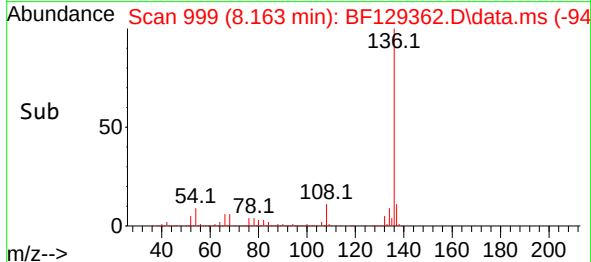
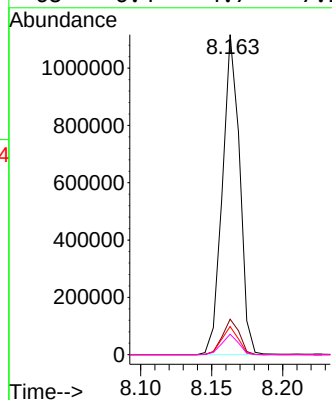
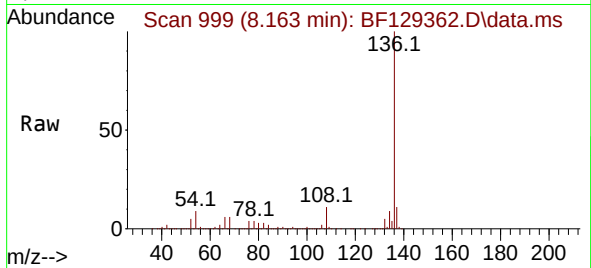


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

Instrument :
BNA_F
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

Tgt Ion:136 Resp: 941176

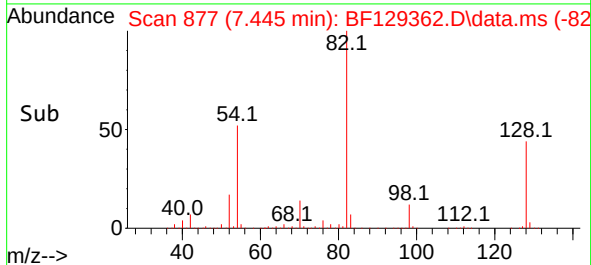
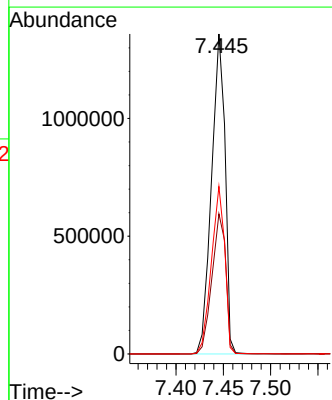
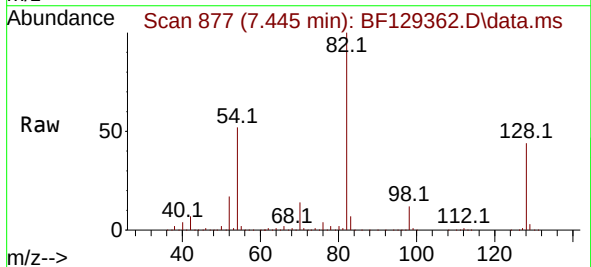
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.8	7.5	11.3
68	6.4	4.7	7.1

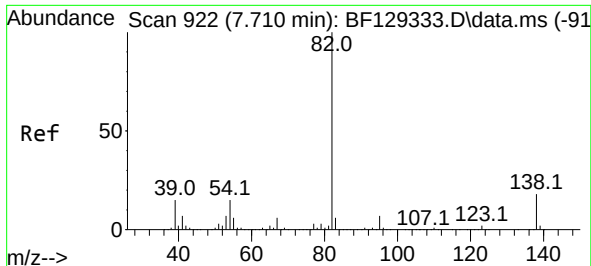


#23
Nitrobenzene-d5
Concen: 78.069 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

Tgt Ion: 82 Resp: 1346008

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.0	51.0
54	52.3	46.9	70.3

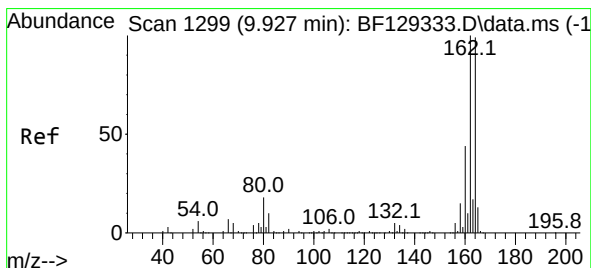
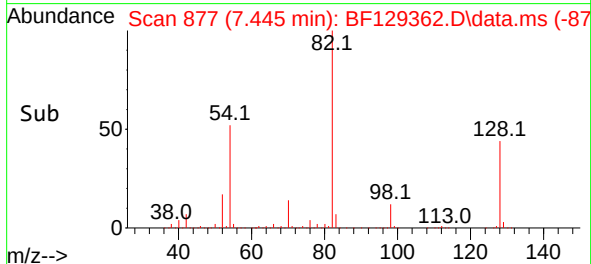
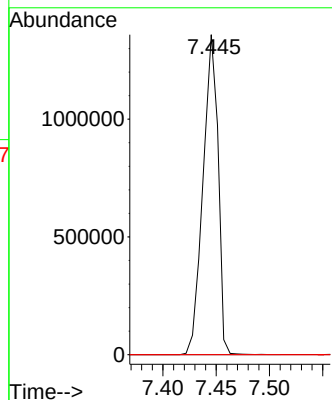
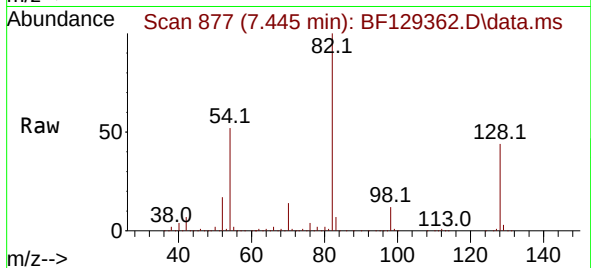




#25
Isophorone
Concen: 43.512 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

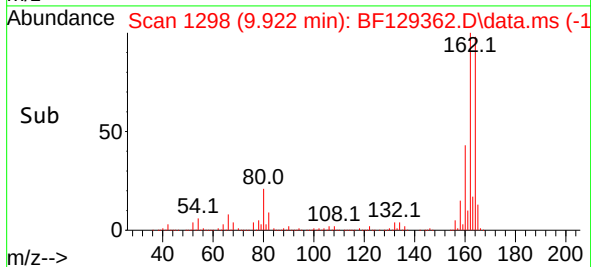
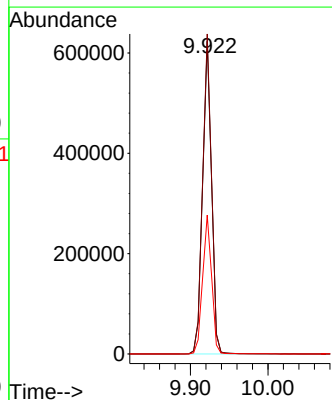
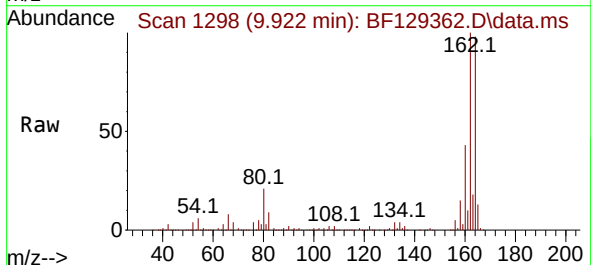
Instrument :
BNA_F
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

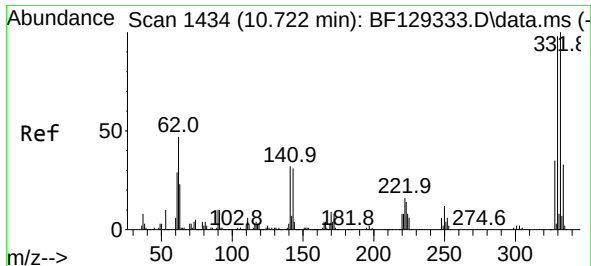
Tgt Ion: 82 Resp: 1344752
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

Tgt Ion:164 Resp: 500556
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 126.511 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129362.D

Acq: 26 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

200-E-5TH-ST-DIRT-STONE-ASPHALT

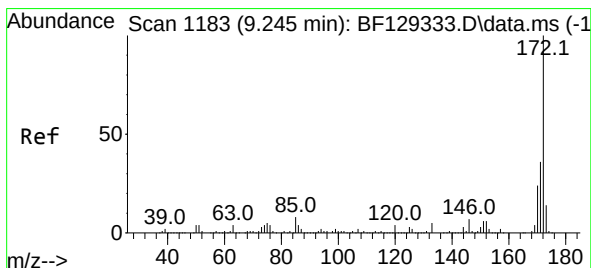
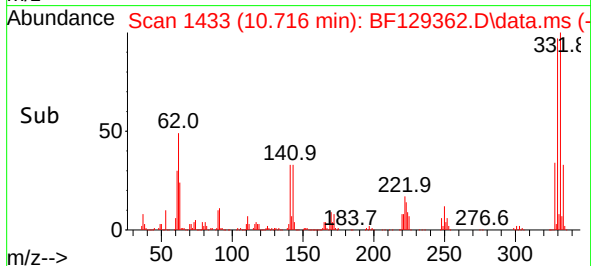
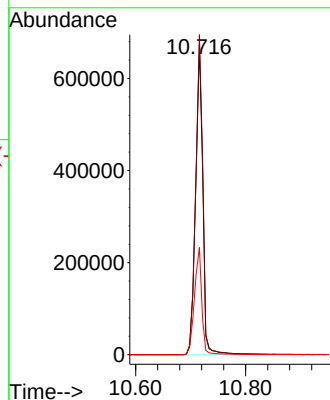
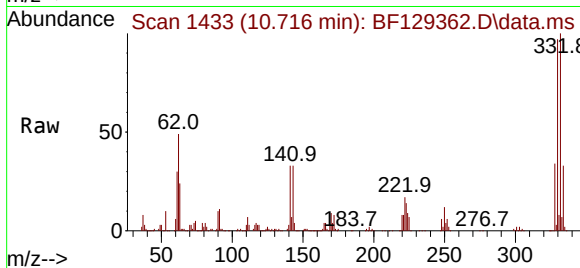
Tgt Ion:330 Resp: 608831

Ion Ratio Lower Upper

330 100

332 103.4 76.8 115.2

141 35.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 71.676 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129362.D

Acq: 26 Jul 2022 18:51

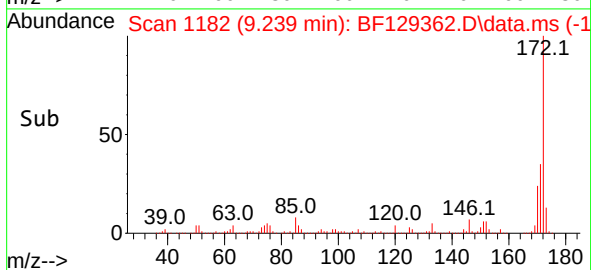
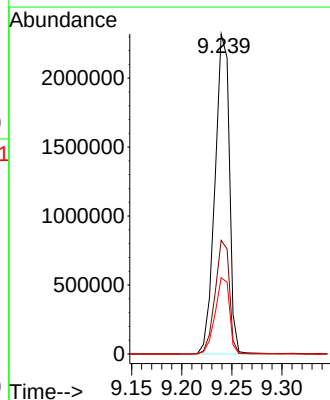
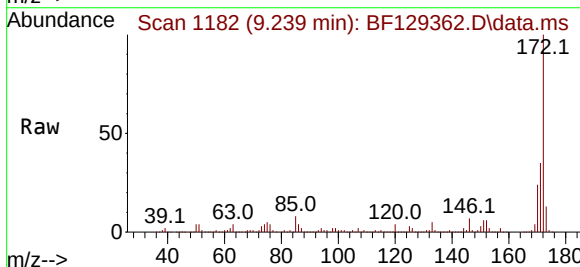
Tgt Ion:172 Resp: 2319270

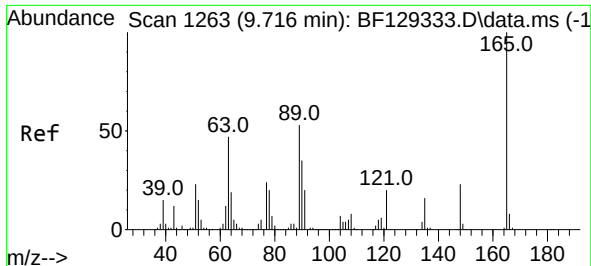
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.577 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129362.D

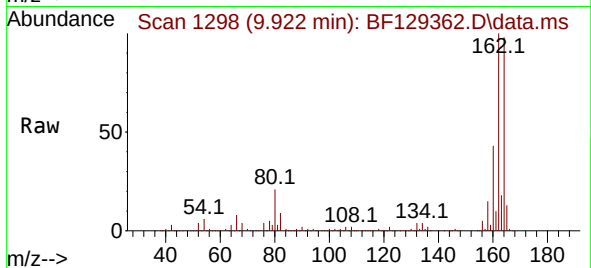
Acq: 26 Jul 2022 18:51

Instrument :

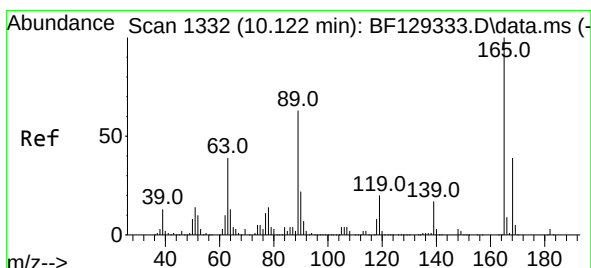
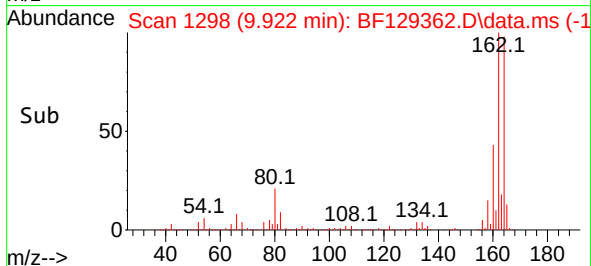
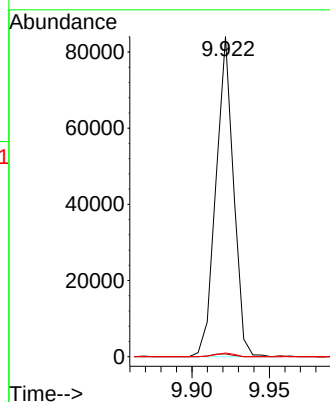
BNA_F

ClientSampleId :

200-E-5TH-ST-DIRT-STONE-ASPHALT



Tgt Ion:	165	Resp:	66334
Ion Ratio	Lower	Upper	
165	100		
63	0.8	44.9	67.3#
89	1.2	43.6	65.4#



#57

2,4-Dinitrotoluene

Concen: 6.565 ng

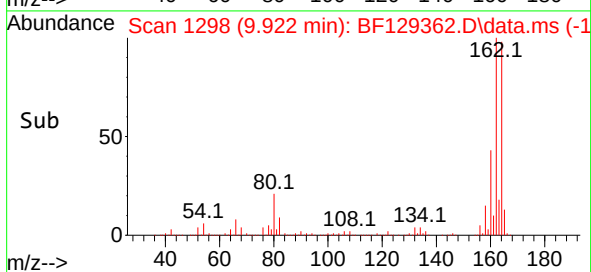
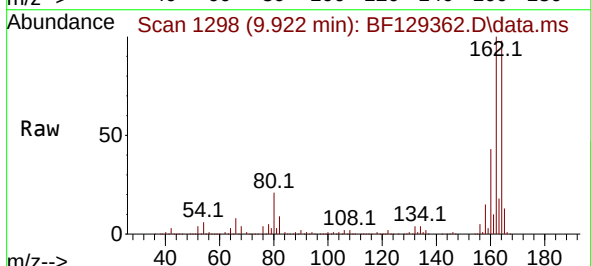
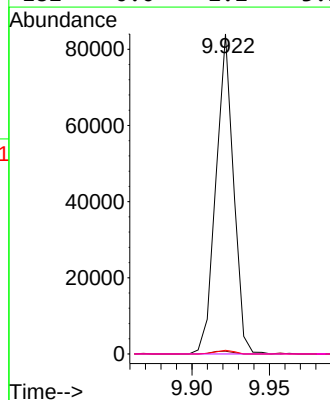
RT: 9.922 min Scan# 1298

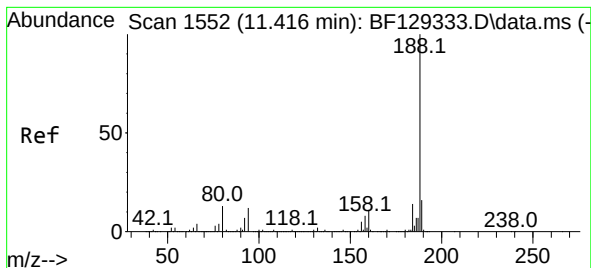
Delta R.T. -0.200 min

Lab File: BF129362.D

Acq: 26 Jul 2022 18:51

Tgt Ion:	165	Resp:	66334
Ion Ratio	Lower	Upper	
165	100		
63	0.8	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: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129362.D

Acq: 26 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

200-E-5TH-ST-DIRT-STONE-ASPHALT

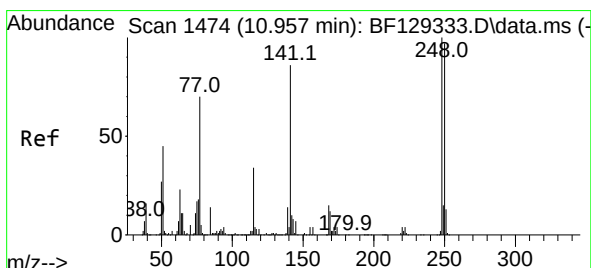
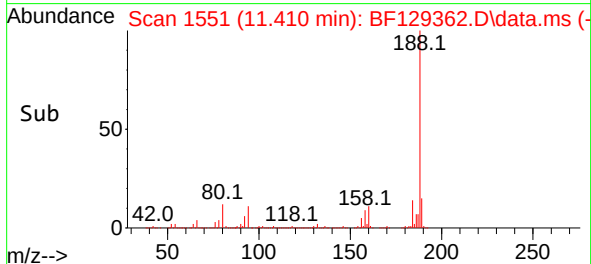
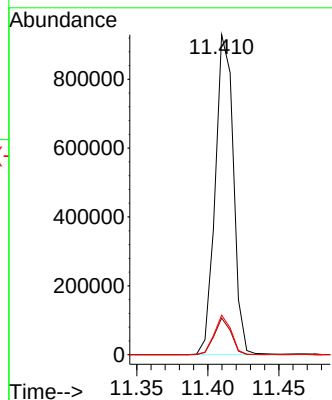
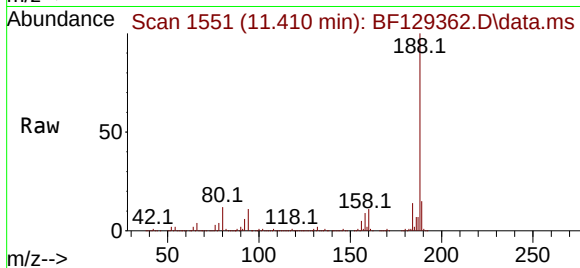
Tgt Ion:188 Resp: 824721

Ion Ratio Lower Upper

188 100

94 11.5 7.0 10.6#

80 12.3 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.236 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF129362.D

Acq: 26 Jul 2022 18:51

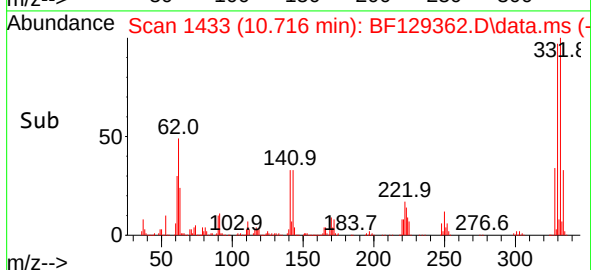
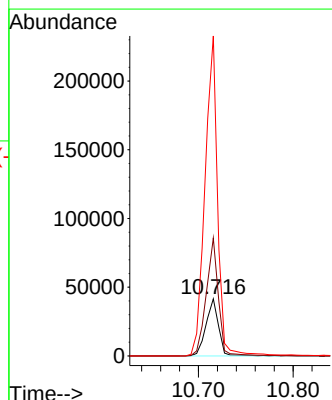
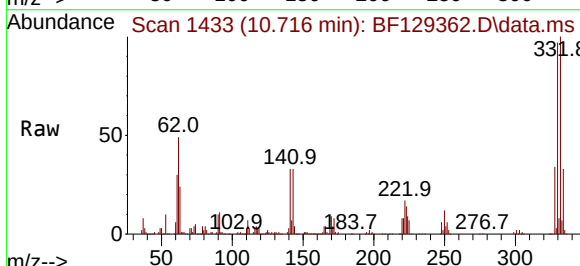
Tgt Ion:248 Resp: 38251

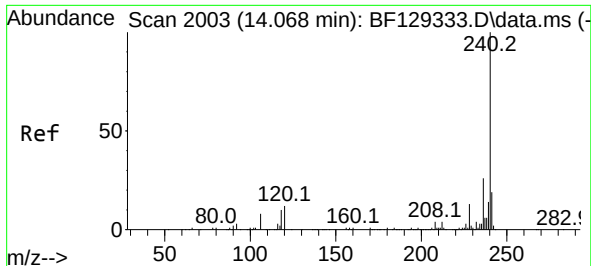
Ion Ratio Lower Upper

248 100

250 206.7 80.6 120.8#

141 560.7 58.9 88.3#

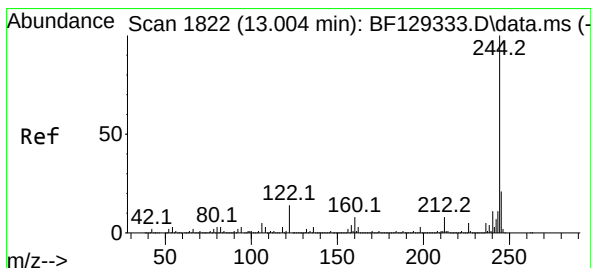
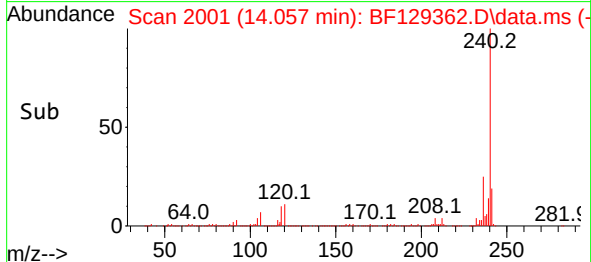
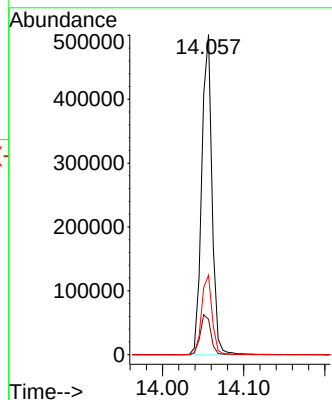
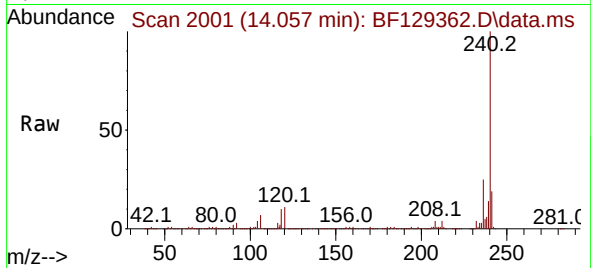




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

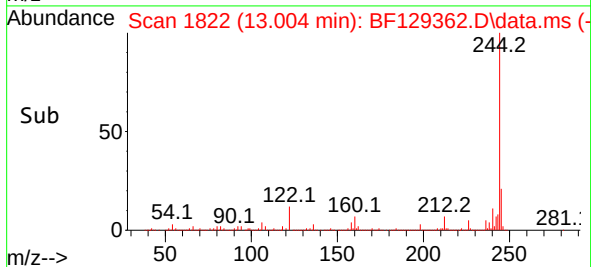
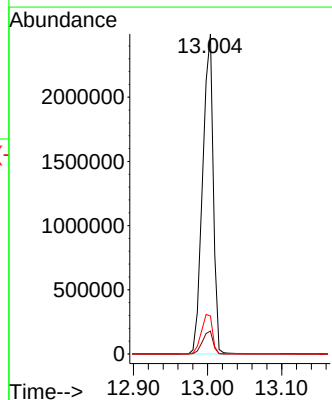
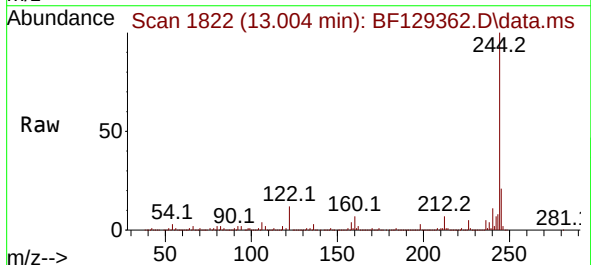
Instrument :
BNA_F
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

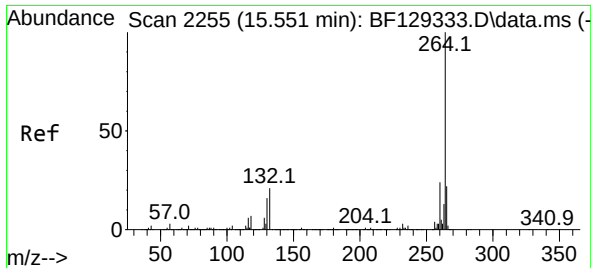
Tgt Ion:240 Resp: 442601
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 24.9 20.8 31.2



#79
Terphenyl-d14
Concen: 105.466 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

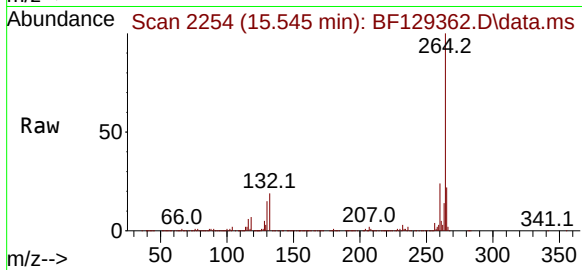
Tgt Ion:244 Resp: 2474287
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129362.D
 Acq: 26 Jul 2022 18:51

Instrument :
 BNA_F
 ClientSampleId :
 200-E-5TH-ST-DIRT-STONE-ASPHALT



Tgt Ion:264 Resp: 454991
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.8 17.2 25.8

