

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

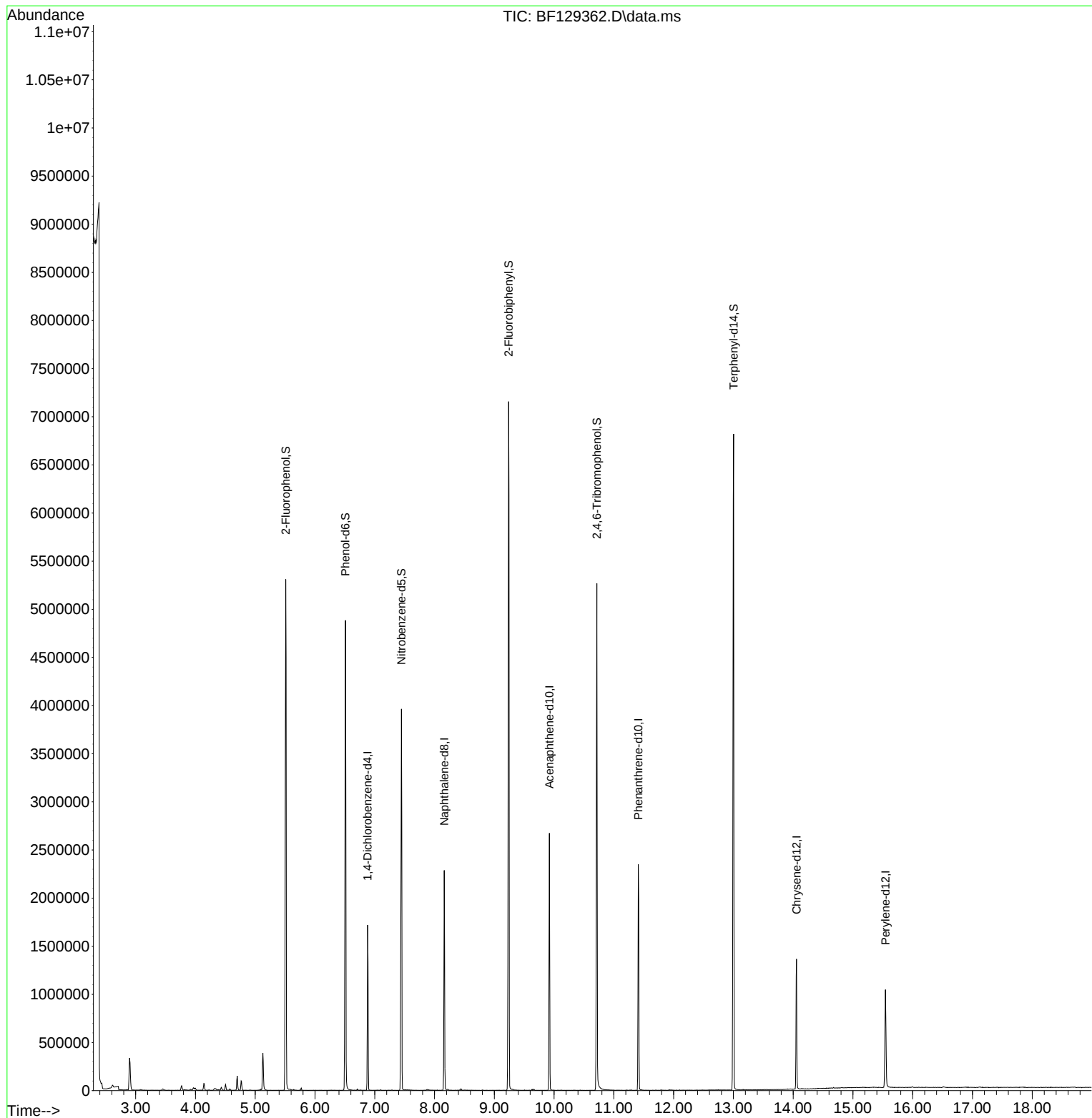
Target Compounds	Qvalue

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

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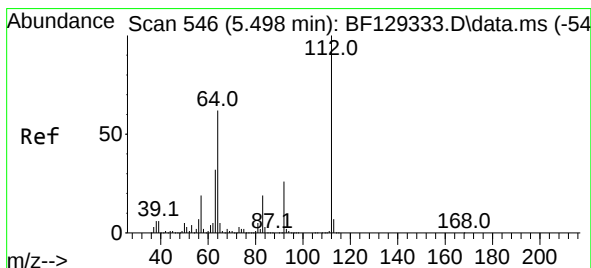
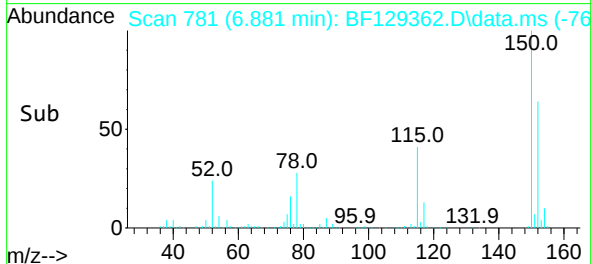
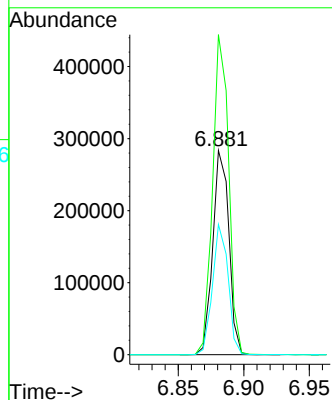
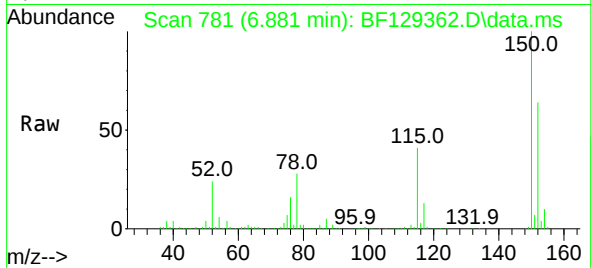




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

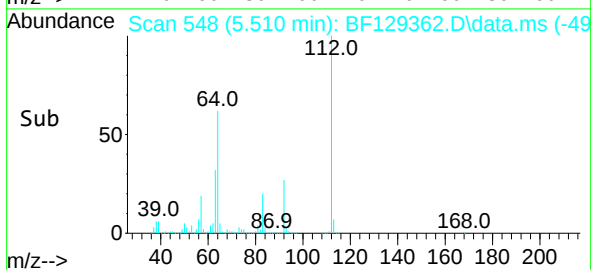
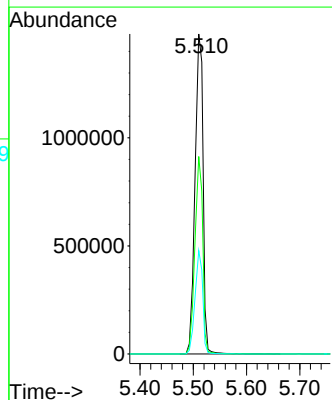
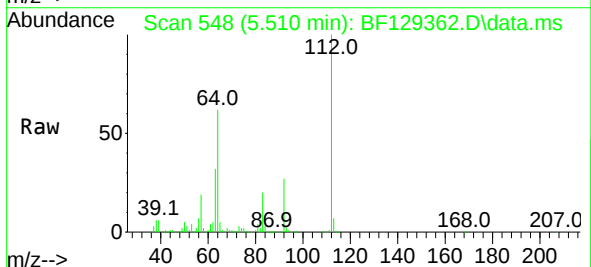
Instrument :
BNA_F
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

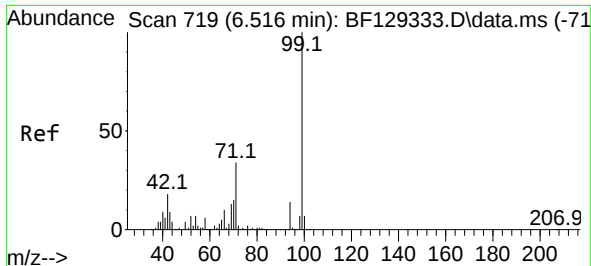
Tgt Ion:152 Resp: 242407
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 63.7 49.9 74.9



#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

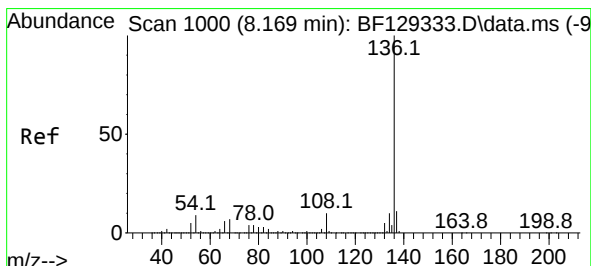
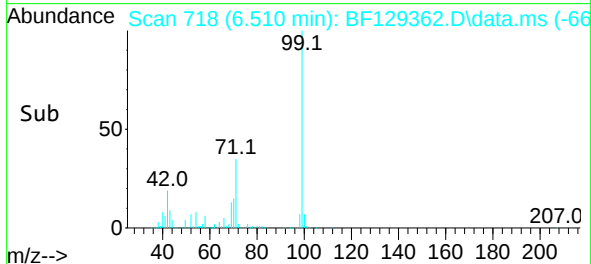
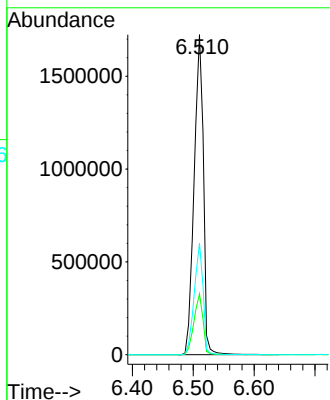
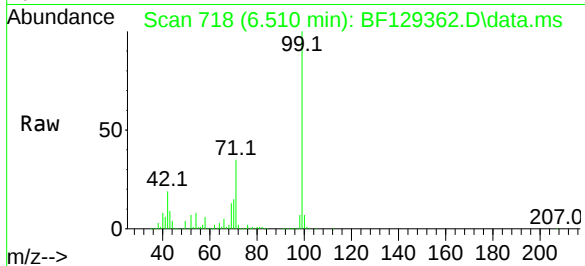




#7
Phenol-d6
Concen: 97.432 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

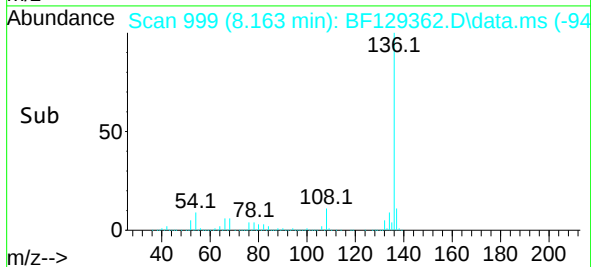
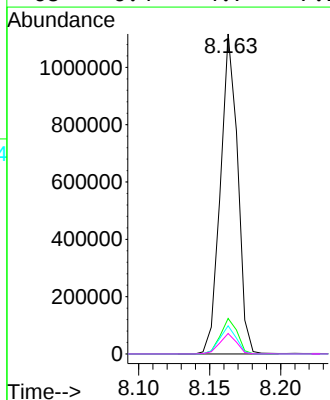
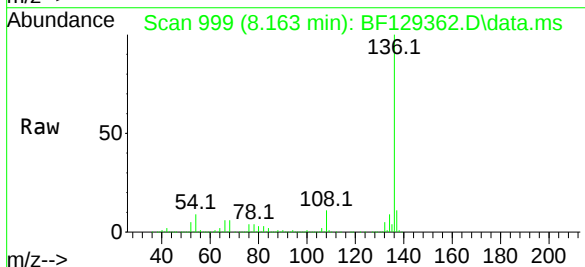
Instrument :
BNA_F
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

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



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

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

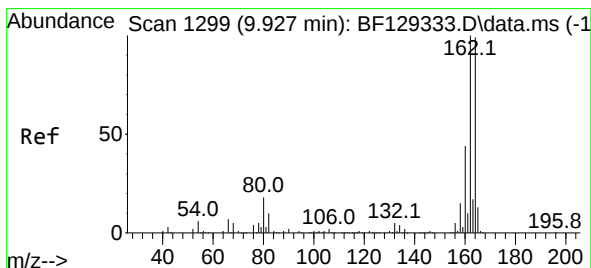
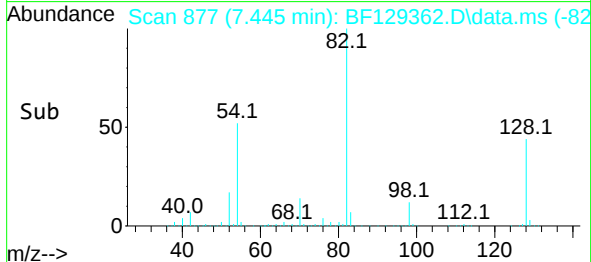
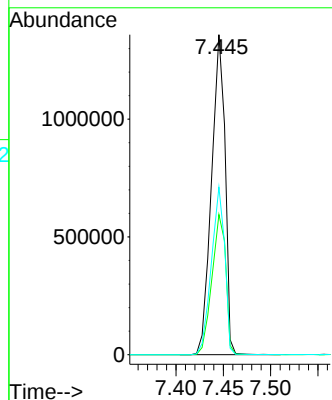
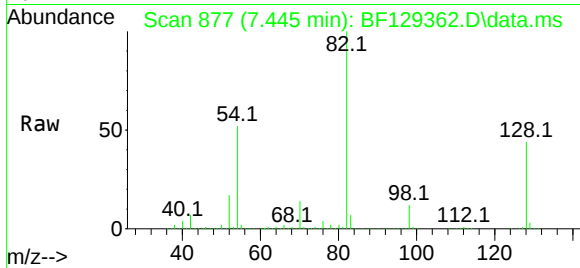




#23
Nitrobenzene-d5
Concen: 78.069 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

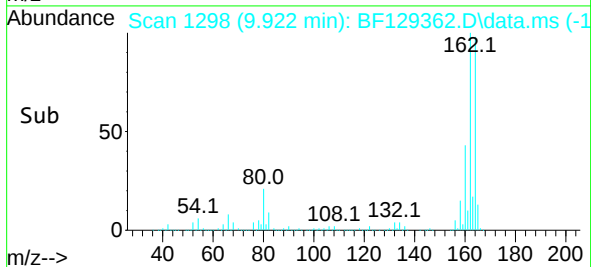
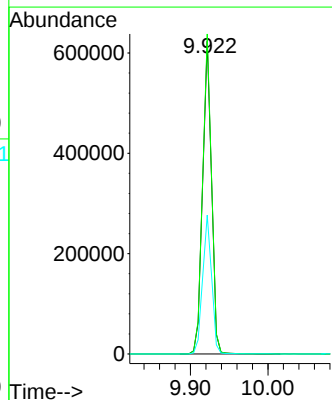
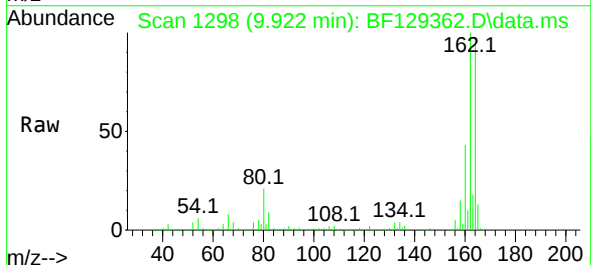
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BNA_F
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

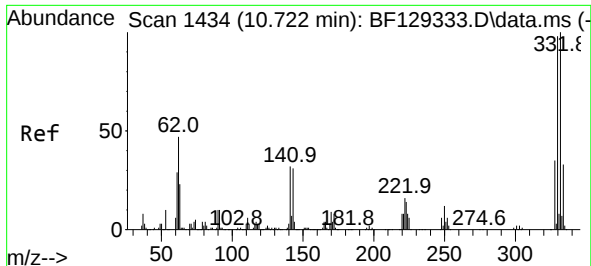
Tgt Ion: 82 Resp: 1346008
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 52.3 46.9 70.3



#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

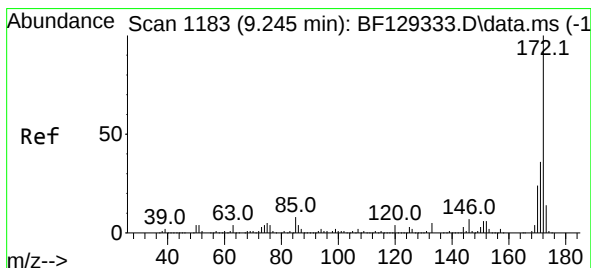
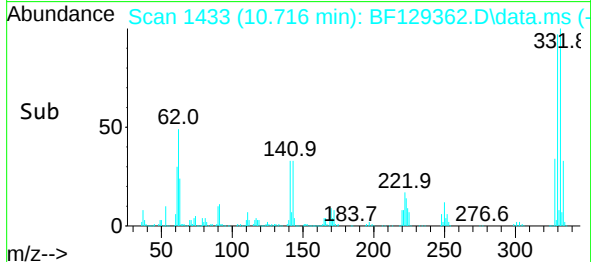
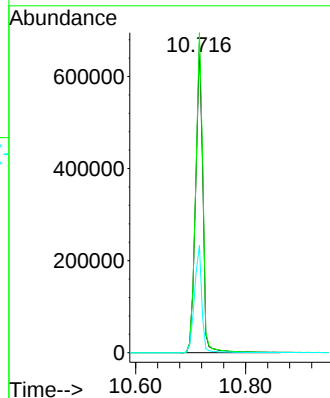
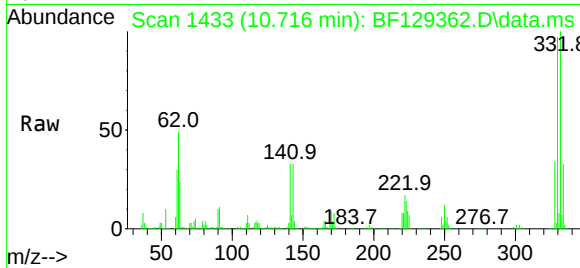
Tgt Ion:330 Resp: 608831

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

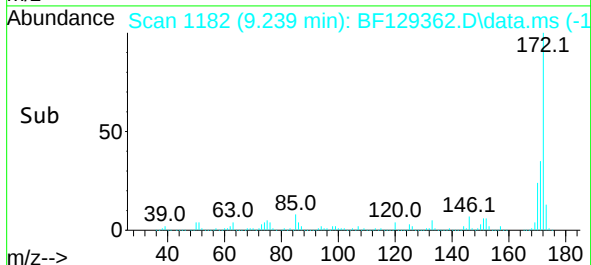
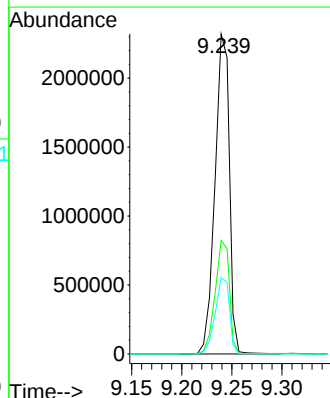
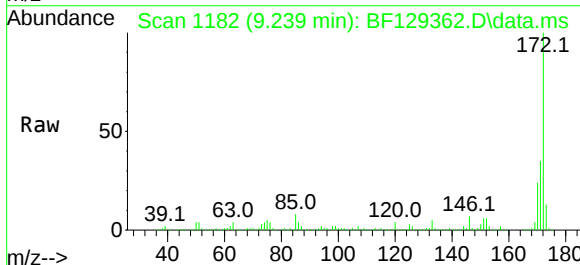
Tgt Ion:172 Resp: 2319270

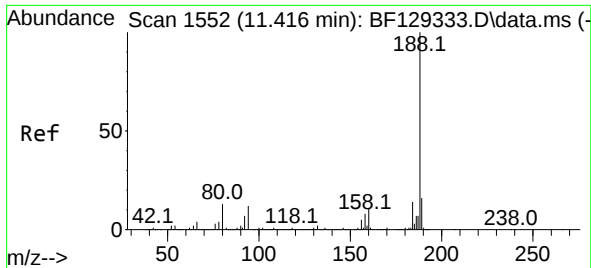
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.8 19.8 29.8

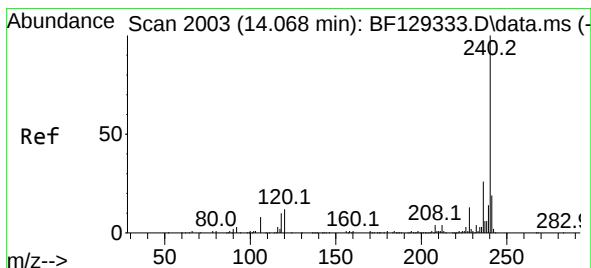
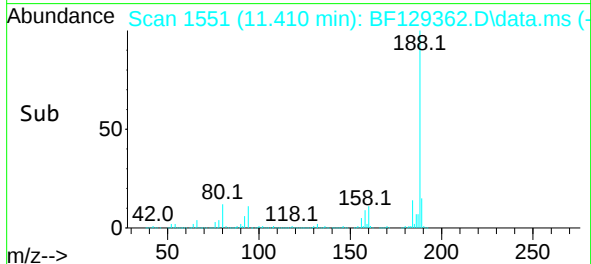
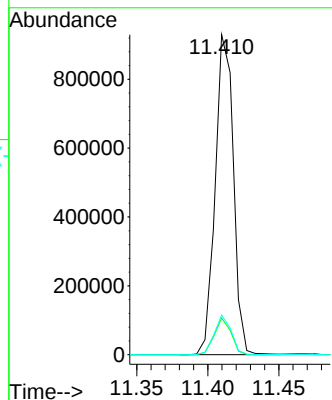
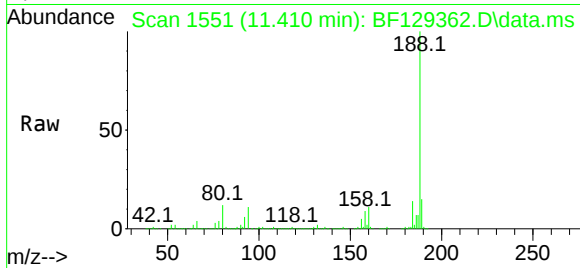




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

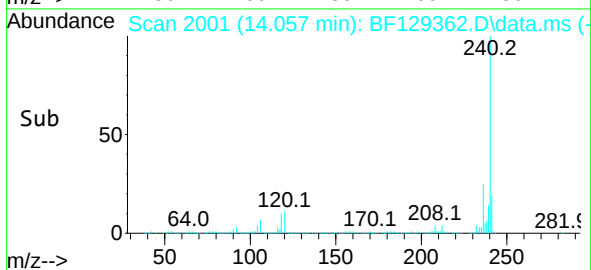
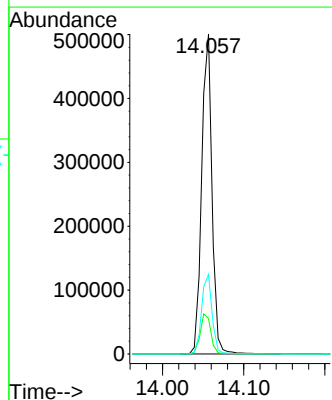
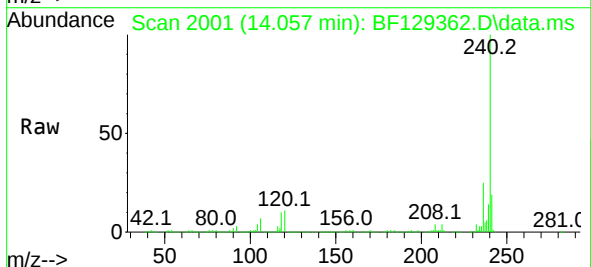
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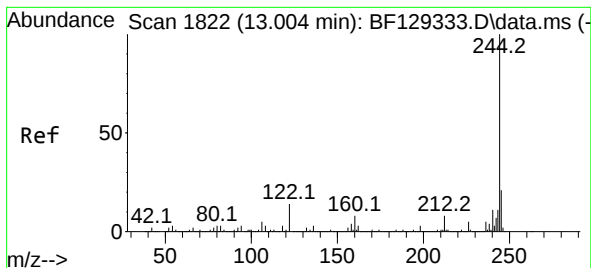
Tgt Ion:188 Resp: 824721
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.6#
80 12.3 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129362.D
Acq: 26 Jul 2022 18:51

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# 11

Delta R.T. 0.000 min

Lab File: BF129362.D

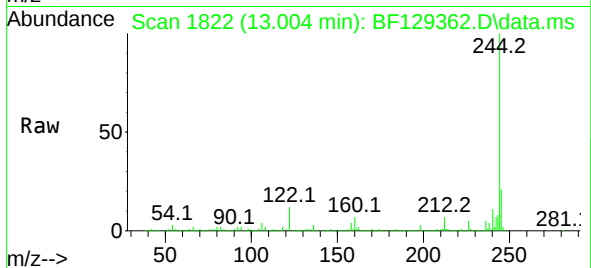
Acq: 26 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

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



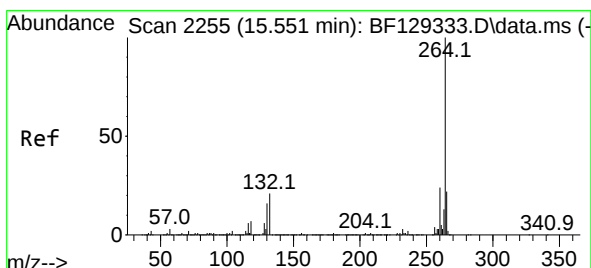
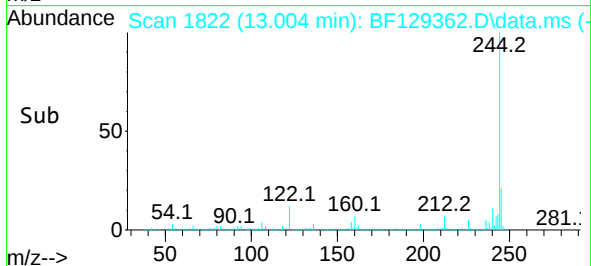
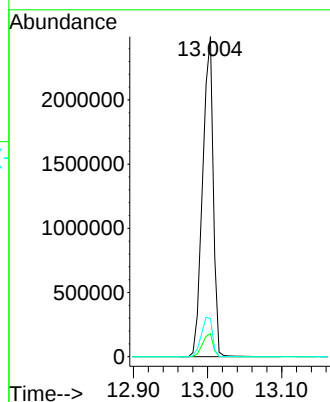
Tgt Ion:244 Resp: 2474287

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# 2254

Delta R.T. -0.006 min

Lab File: BF129362.D

Acq: 26 Jul 2022 18:51

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

