

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
 Data File : BM029032.D
 Acq On : 08 Mar 2021 23:10
 Operator : CG/JU
 Sample : M1590-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-EF-01-018-ABCD

Quant Time: Mar 09 00:25:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:17:12 2021
 Response via : Initial Calibration

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

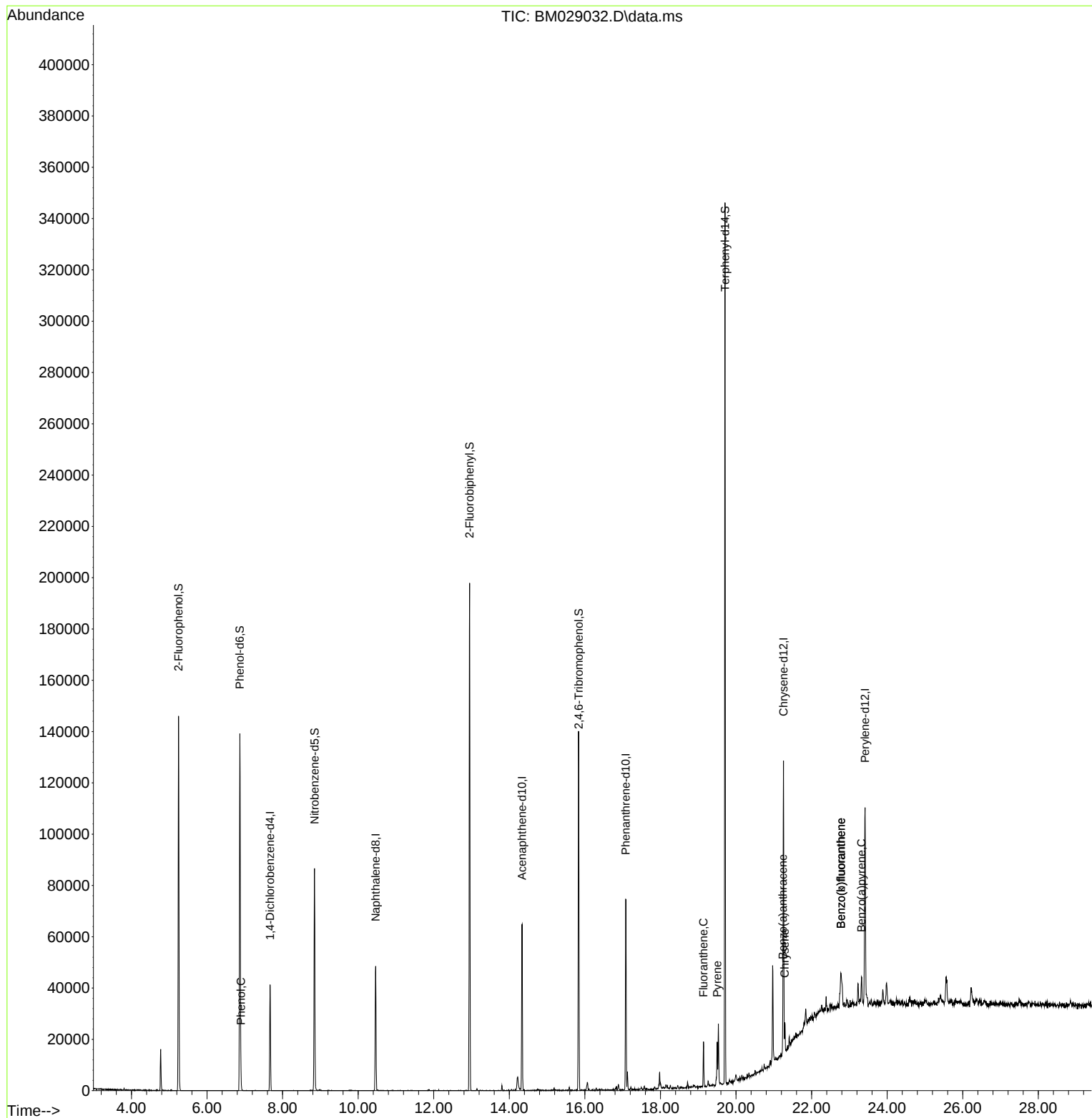
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	10099	20.00	ng	-0.01
21) Naphthalene-d8	10.463	136	38085	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	21601	20.00	ng	-0.01
64) Phenanthrene-d10	17.080	188	43449	20.00	ng	-0.02
76) Chrysene-d12	21.256	240	44074	20.00	ng	#-0.02
86) Perylene-d12	23.415	264	46213	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	52880	86.79	ng	0.00
7) Phenol-d6	6.869	99	63538	78.95	ng	0.00
23) Nitrobenzene-d5	8.845	82	42967	60.87	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	20280	79.21	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	91772	56.56	ng	-0.01
79) Terphenyl-d14	19.709	244	130279	54.58	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.898	94	1944	2.43	ng	95
75) Fluoranthene	19.139	202	10763	3.79	ng	94
78) Pyrene	19.504	202	10474	3.23	ng	98
81) Benzo(a)anthracene	21.239	228	6648	2.17	ng	95
83) Chrysene	21.292	228	6695	2.25	ng	98
88) Benzo(b)fluoranthene	22.774	252	13833	4.24	ng	# 92
89) Benzo(k)fluoranthene	22.774	252	13833	4.46	ng	# 92
90) Benzo(a)pyrene	23.321	252	7203	2.42	ng	# 89

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

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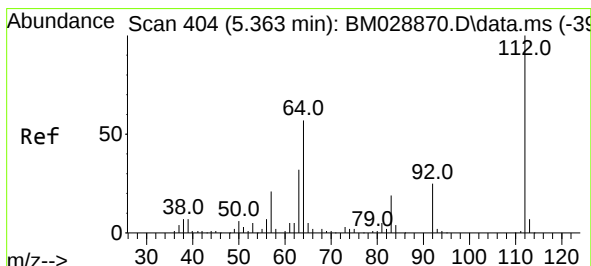
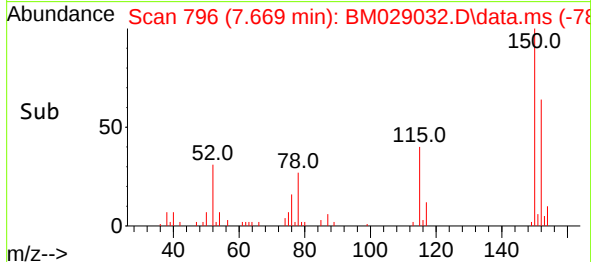
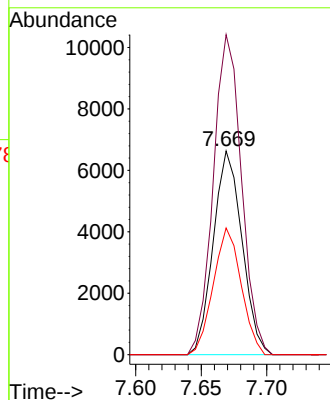
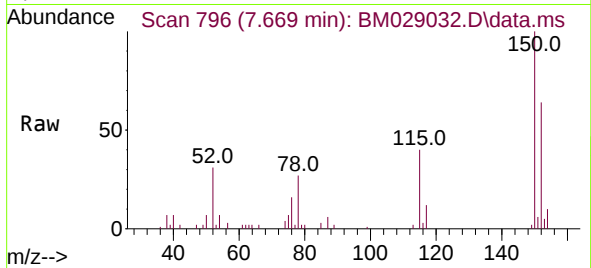




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

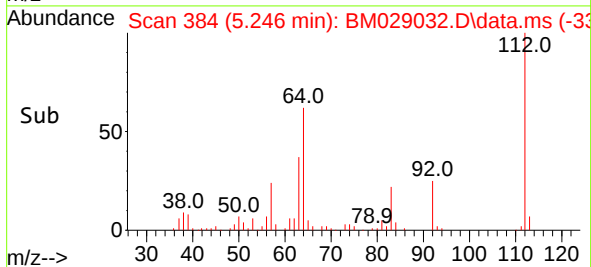
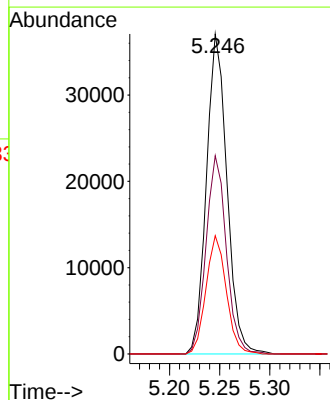
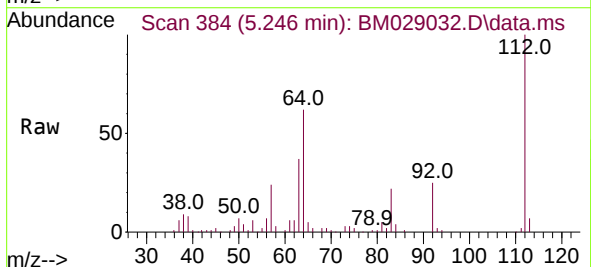
Instrument :
BNA_M
ClientSampleId :
FK-EF-01-018-ABCD

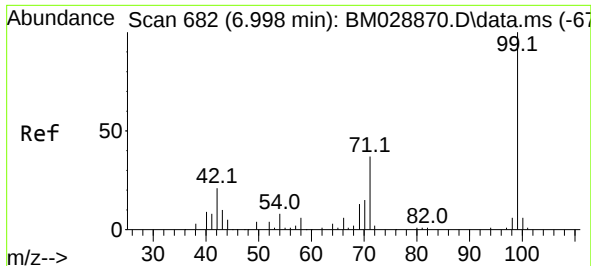
Tgt Ion:152 Resp: 10099
Ion Ratio Lower Upper
152 100
150 157.1 120.6 181.0
115 62.2 47.2 70.8



#5
2-Fluorophenol
Concen: 86.79 ng
RT: 5.246 min Scan# 384
Delta R.T. 0.000 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:112 Resp: 52880
Ion Ratio Lower Upper
112 100
64 61.9 50.6 76.0
63 36.9 31.0 46.6

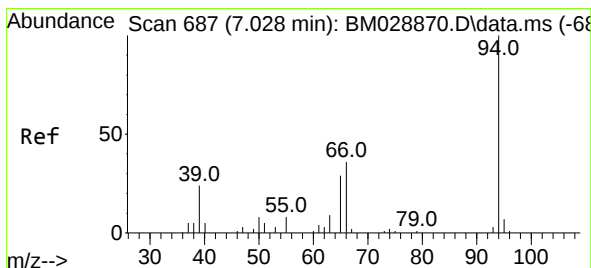
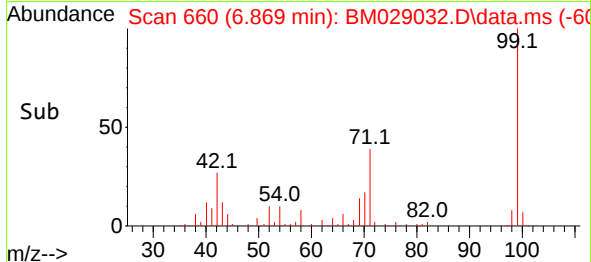
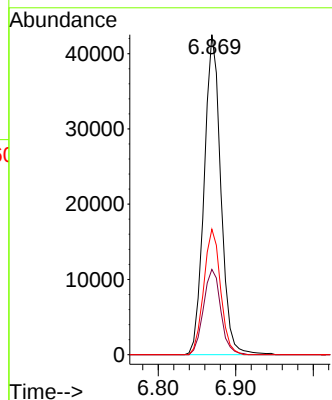
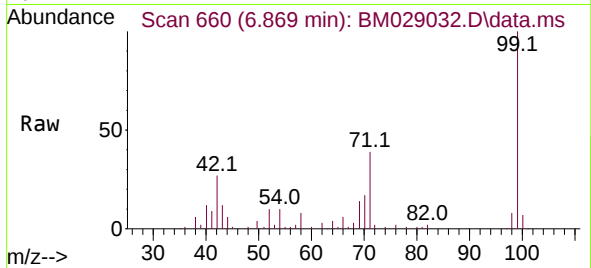




#7
Phenol-d6
Concen: 78.95 ng
RT: 6.869 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

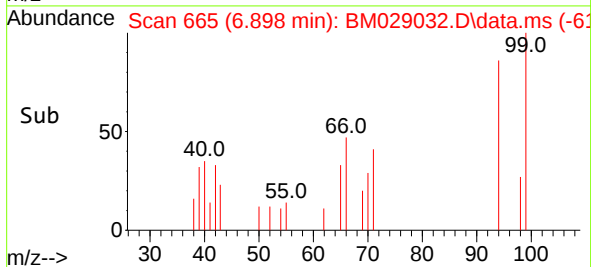
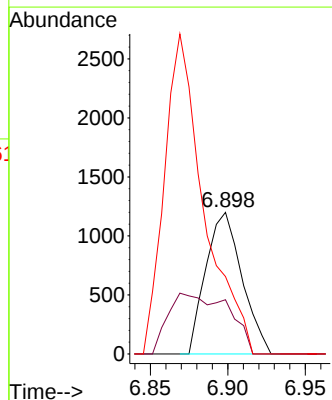
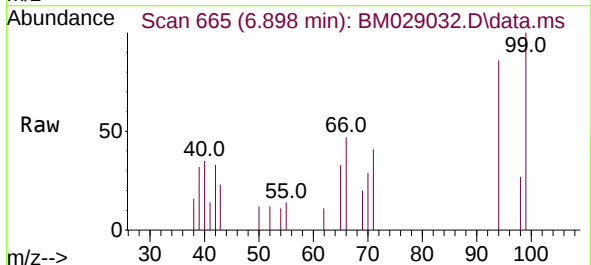
Instrument :
BNA_M
ClientSampleId :
FK-EF-01-018-ABCD

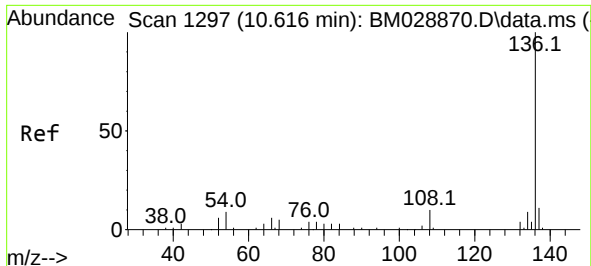
Tgt Ion: 99 Resp: 63538
Ion Ratio Lower Upper
99 100
42 26.7 13.5 20.3#
71 39.2 39.4 59.0#



#10
Phenol
Concen: 2.43 ng
RT: 6.898 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

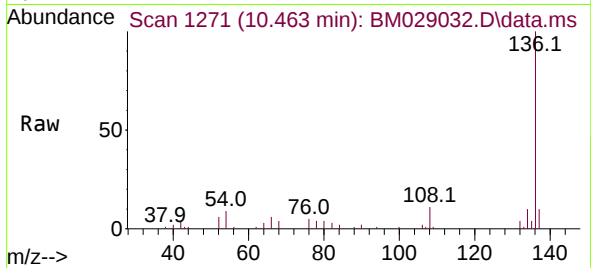
Tgt Ion: 94 Resp: 1944
Ion Ratio Lower Upper
94 100
65 38.3 16.4 56.4
66 54.8 30.2 70.2



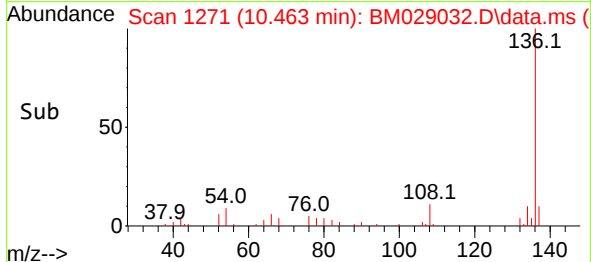
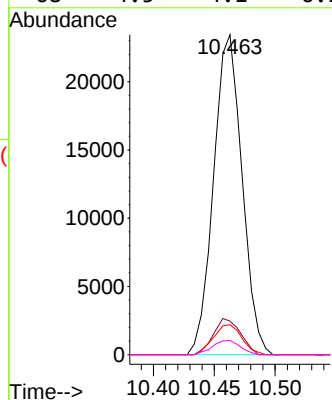


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Instrument :
BNA_M
ClientSampleId :
FK-EF-01-018-ABCD

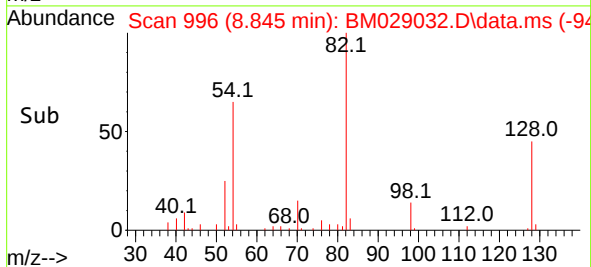
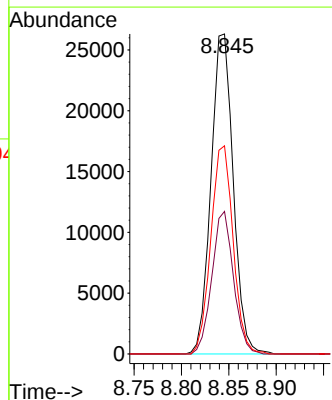
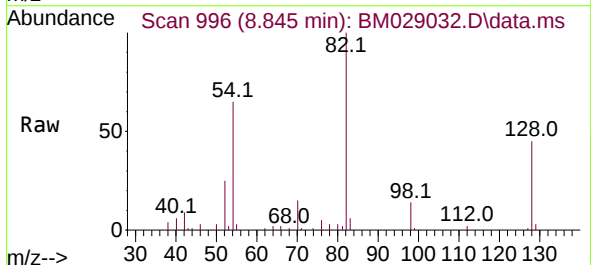


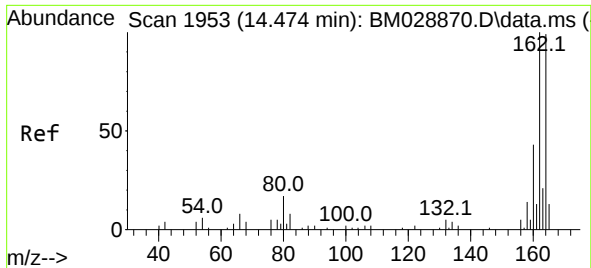
Tgt Ion: 136 Resp: 38085
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.3 4.6 7.0#
68 4.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 60.87 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion: 82 Resp: 42967
Ion Ratio Lower Upper
82 100
128 44.5 27.4 41.0#
54 65.1 31.4 47.0#

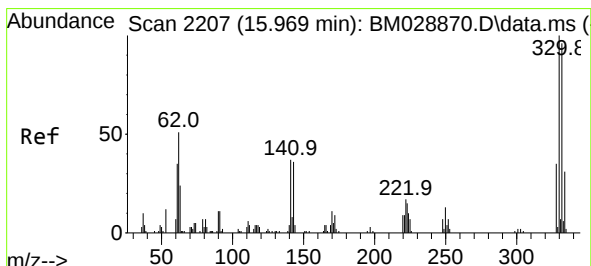
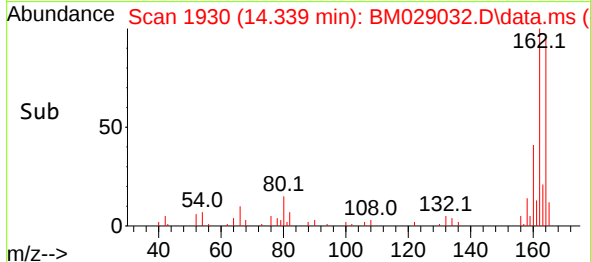
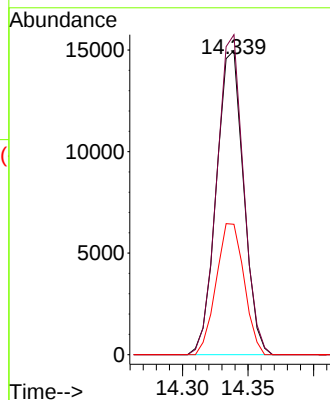
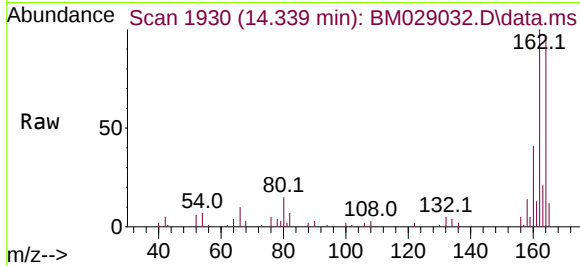




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

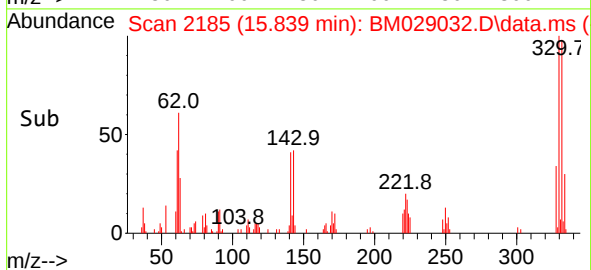
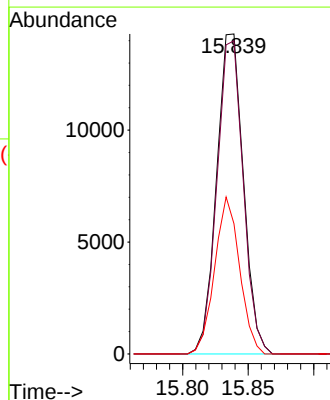
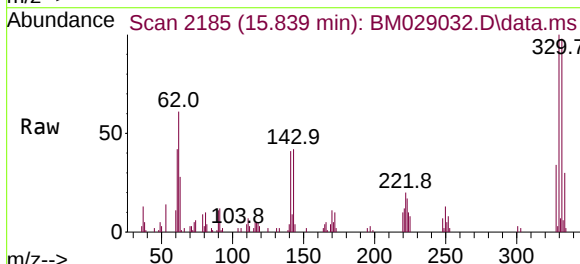
Instrument :
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ClientSampleId :
FK-EF-01-018-ABCD

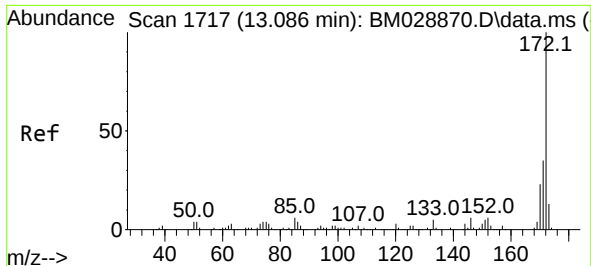
Tgt Ion:164	Resp:	21601
Ion Ratio	Lower	Upper
164	100	
162	105.2	80.4 120.6
160	42.9	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 79.21 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:330	Resp:	20280
Ion Ratio	Lower	Upper
330	100	
332	96.0	77.8 116.8
141	45.8	28.4 42.6#

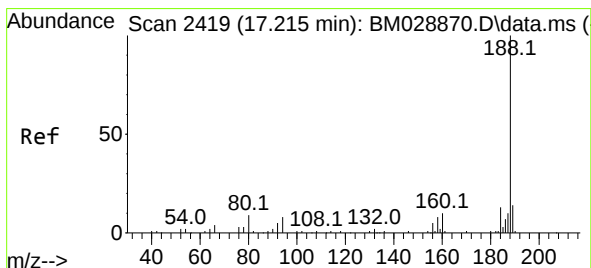
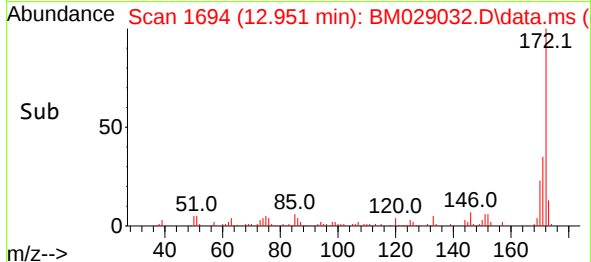
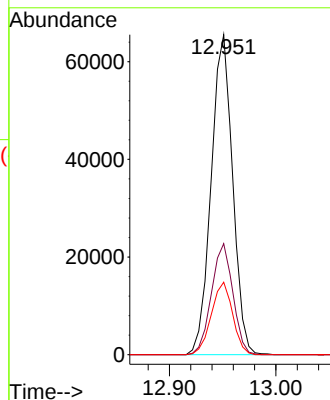
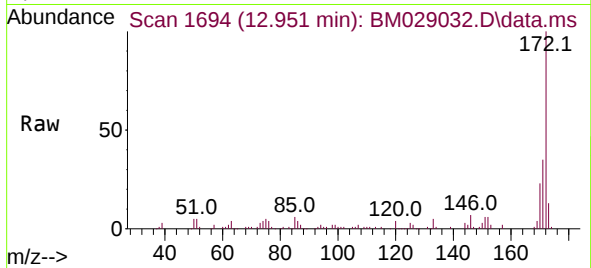




#45
2-Fluorobiphenyl
Concen: 56.56 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

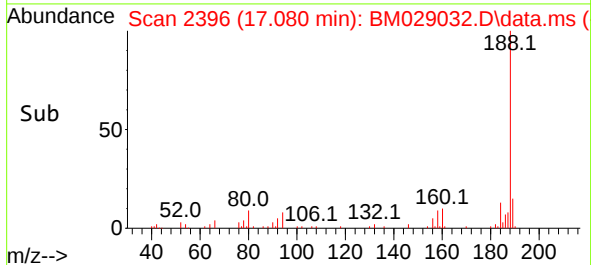
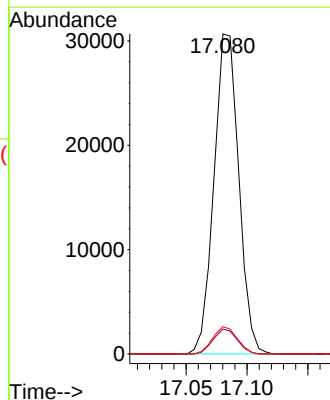
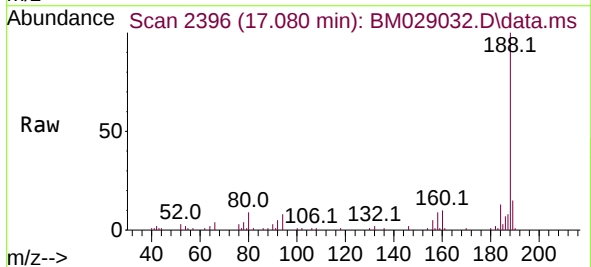
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FK-EF-01-018-ABCD

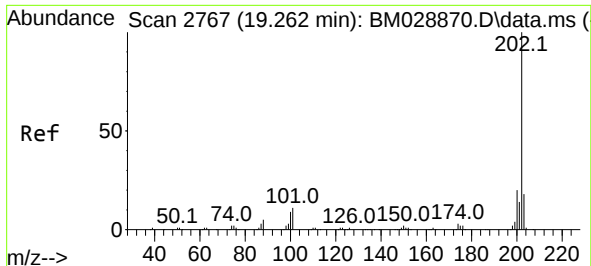
Tgt Ion:172	Resp:	91772
Ion Ratio	Lower	Upper
172	100	
171	34.7	27.8 41.8
170	22.7	18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.018 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:188	Resp:	43449
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.2 9.4
80	8.6	7.5 11.3

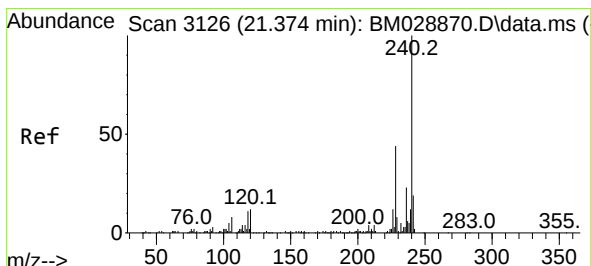
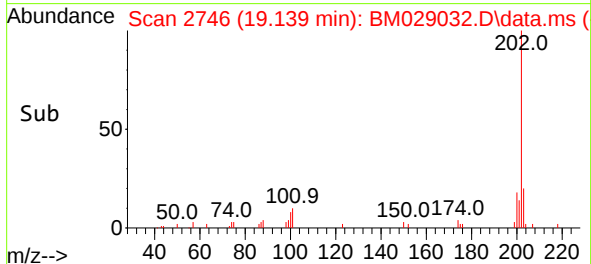
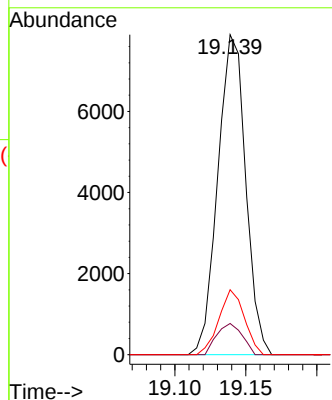
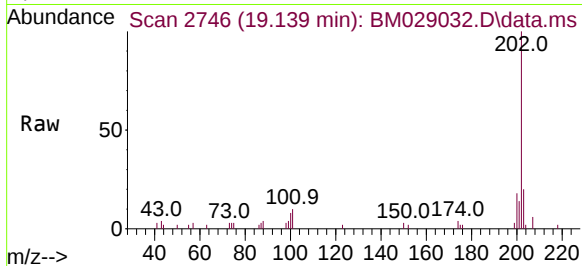




#75
Fluoranthene
Concen: 3.79 ng
RT: 19.139 min Scan# 2746
Delta R.T. -0.012 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

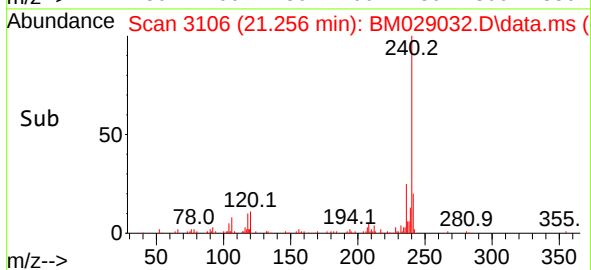
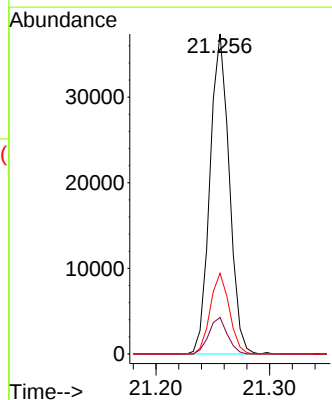
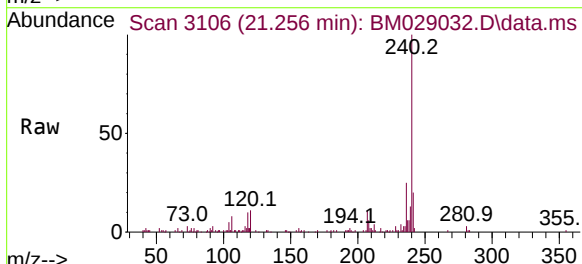
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FK-EF-01-018-ABCD

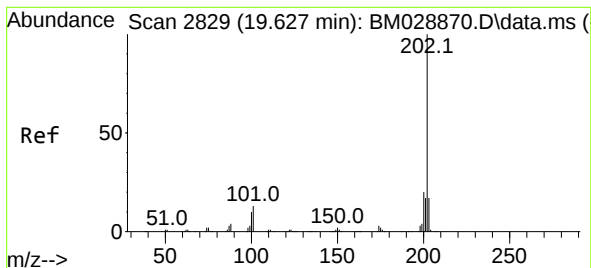
Tgt Ion:	202	Resp:	10763
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	28.5
203	20.3	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:	240	Resp:	44074
Ion Ratio	Lower	Upper	
240	100		
120	11.4	6.4	9.6#
236	25.2	20.1	30.1





#78

Pyrene

Concen: 3.23 ng

RT: 19.504 min Scan# 2808

Delta R.T. -0.012 min

Lab File: BM029032.D

Acq: 08 Mar 2021 23:10

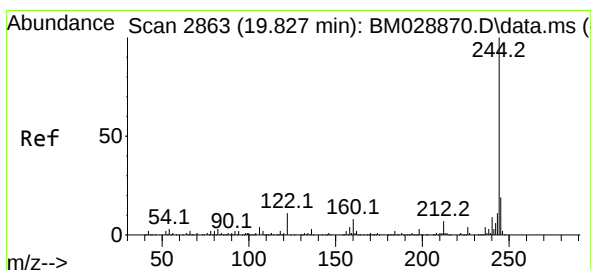
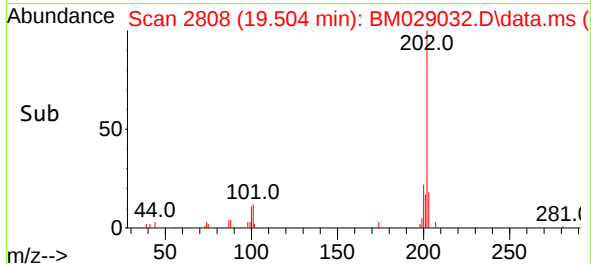
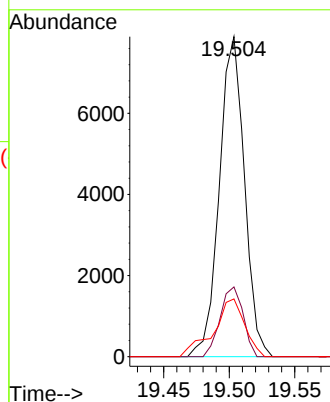
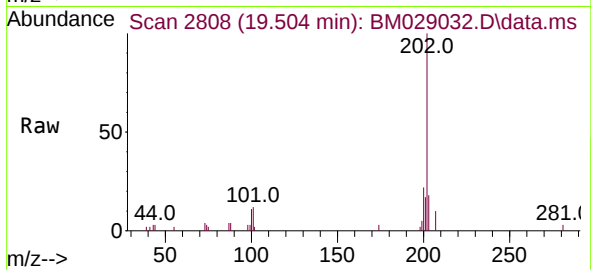
Tgt Ion:	202	Resp:	10474
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.6	24.8
203	18.1	13.8	20.6

Instrument :

BNA_M

ClientSampleId :

FK-EF-01-018-ABCD



#79

Terphenyl-d14

Concen: 54.58 ng

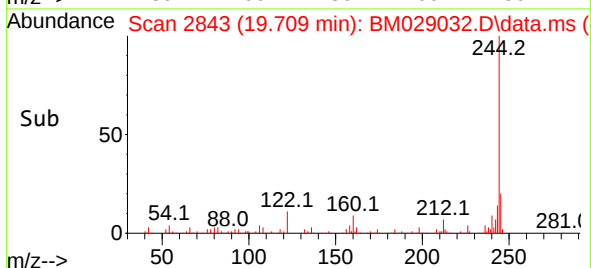
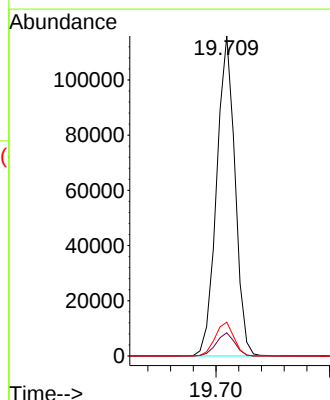
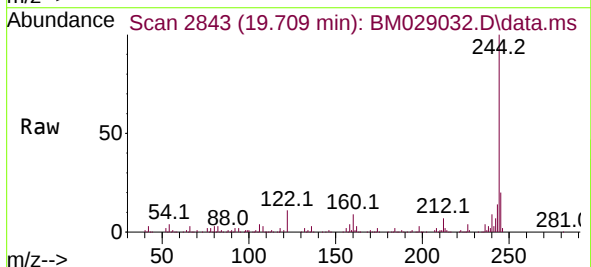
RT: 19.709 min Scan# 2843

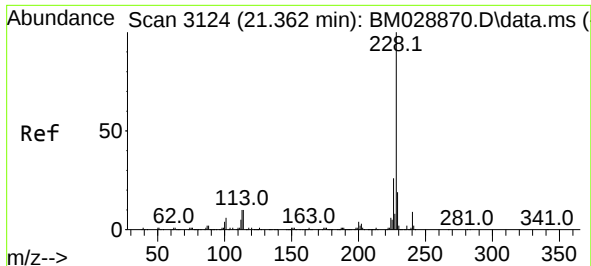
Delta R.T. -0.012 min

Lab File: BM029032.D

Acq: 08 Mar 2021 23:10

Tgt Ion:	244	Resp:	130279
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	10.5	6.5	9.7#

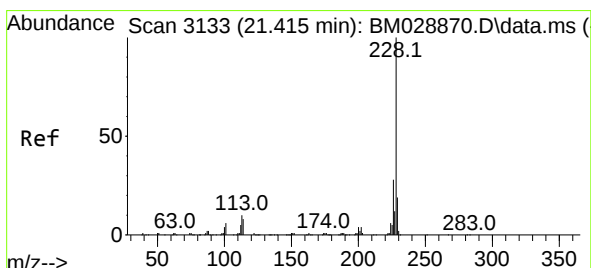
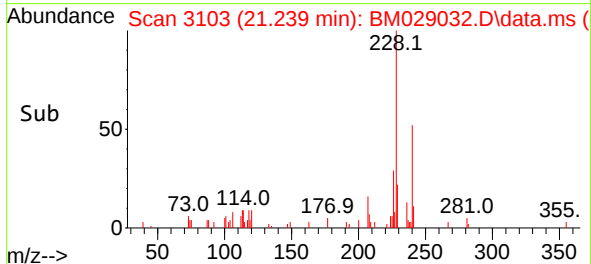
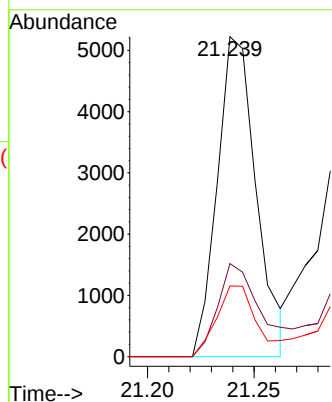
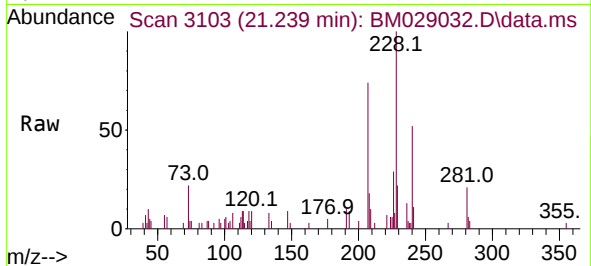




#81
Benzo(a)anthracene
Concen: 2.17 ng
RT: 21.239 min Scan# 3103
Delta R.T. -0.018 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

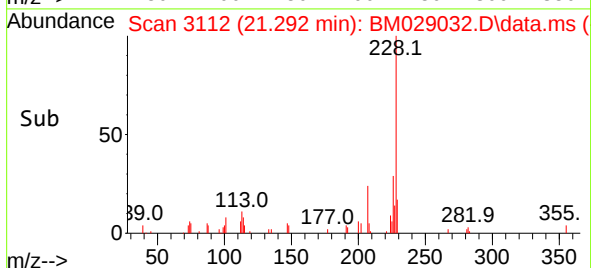
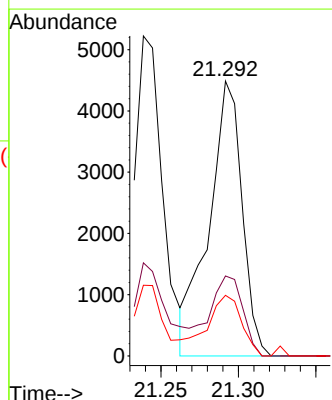
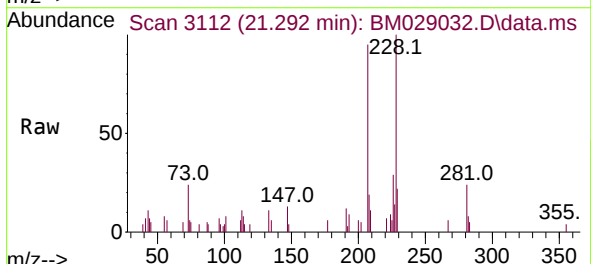
Instrument :
BNA_M
ClientSampleId :
FK-EF-01-018-ABCD

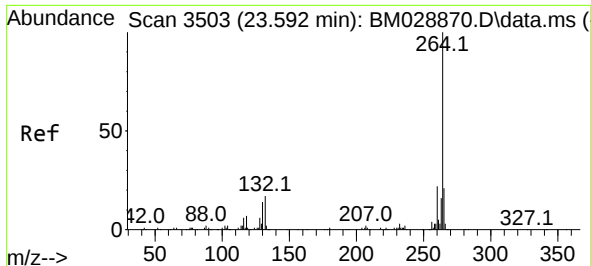
Tgt Ion:228 Resp: 6648
Ion Ratio Lower Upper
228 100
226 29.1 21.1 31.7
229 22.1 15.7 23.5



#83
Chrysene
Concen: 2.25 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.018 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:228 Resp: 6695
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.0
229 22.1 15.7 23.5

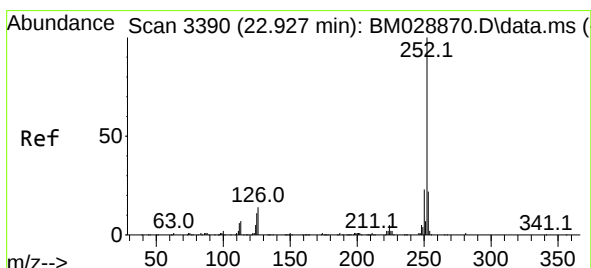
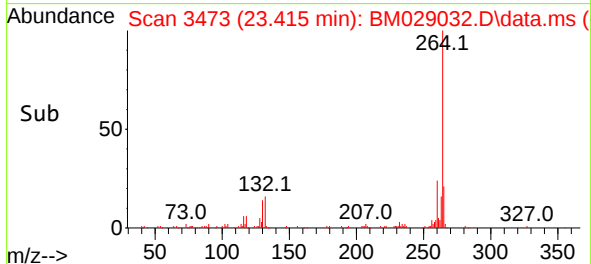
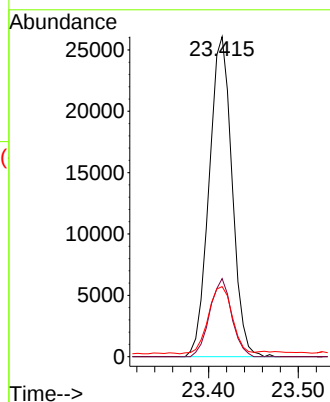
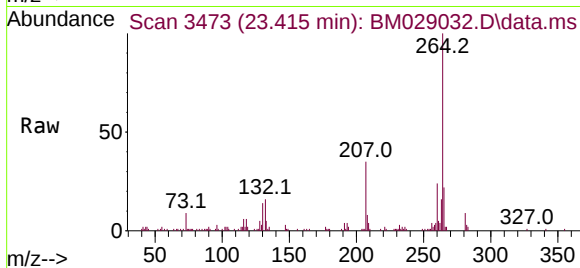




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.415 min Scan# 3473
 Delta R.T. -0.023 min
 Lab File: BM029032.D
 Acq: 08 Mar 2021 23:10

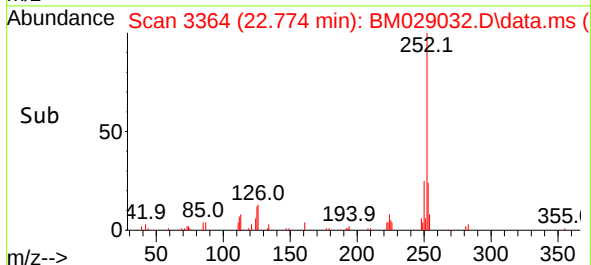
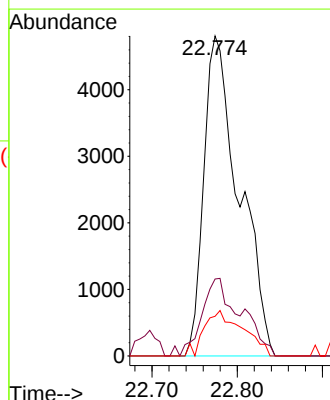
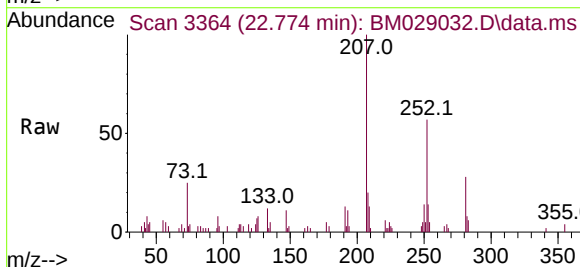
Instrument :
 BNA_M
 ClientSampleId :
 FK-EF-01-018-ABCD

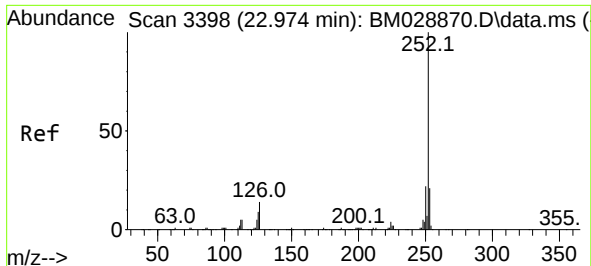
Tgt Ion:264	Resp:	46213
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.0 28.4
265	21.9	17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 4.24 ng
 RT: 22.774 min Scan# 3364
 Delta R.T. -0.018 min
 Lab File: BM029032.D
 Acq: 08 Mar 2021 23:10

Tgt Ion:252	Resp:	13833
Ion Ratio	Lower	Upper
252	100	
253	24.1	17.4 26.0
125	12.4	5.7 8.5#

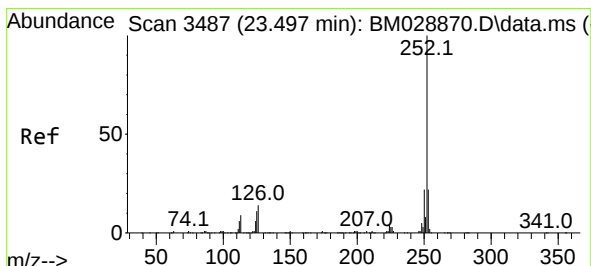
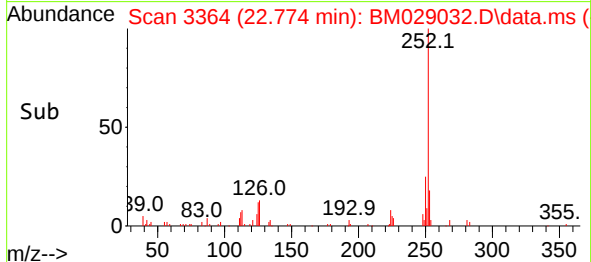
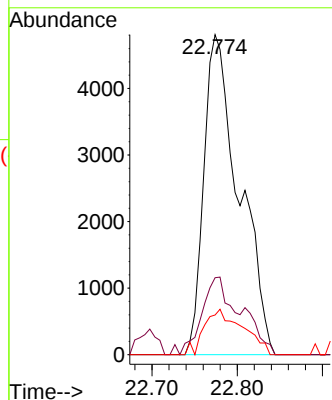
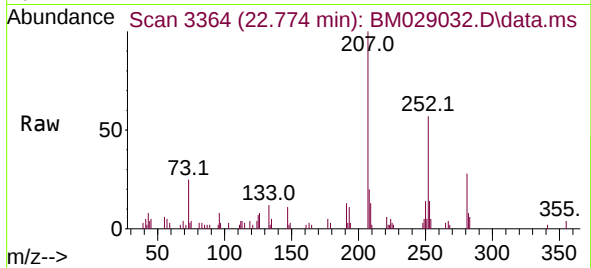




#89
Benzo(k)fluoranthene
Concen: 4.46 ng
RT: 22.774 min Scan# 3364
Delta R.T. -0.059 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Instrument :
BNA_M
ClientSampleId :
FK-EF-01-018-ABCD

Tgt Ion:252 Resp: 13833
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 12.4 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 2.42 ng
RT: 23.321 min Scan# 3457
Delta R.T. -0.024 min
Lab File: BM029032.D
Acq: 08 Mar 2021 23:10

Tgt Ion:252 Resp: 7203
Ion Ratio Lower Upper
252 100
253 26.7 17.4 26.2#
125 13.1 6.6 9.8#

