

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131941.D
 Acq On : 06 Jan 2023 14:53
 Operator : CG\JU
 Sample : N6244-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-17

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/09/2023
 Supervised By : mohammad ahmed 01/09/2023

Quant Time: Jan 07 00:21:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	57110	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	194761	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	95593	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	150661	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	122504	20.000	ng	# 0.02
86) Perylene-d12	15.498	264	98304	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	341713	99.158	ng	0.01
7) Phenol-d6	6.439	99	439093	96.982	ng	0.00
23) Nitrobenzene-d5	7.369	82	316544	64.891	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	87847	84.580	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	482463	69.131	ng	0.00
79) Terphenyl-d14	12.951	244	406782	56.168	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	11.369	178	24871	3.002	ng	# 85
75) Fluoranthene	12.574	202	37080	3.842	ng	83
78) Pyrene	12.804	202	40138	3.909	ng	# 85
81) Benzo(a)anthracene	14.004	228	28503	3.214	ng	# 80
83) Chrysene	14.039	228	31025	3.722	ng	# 79
84) Bis(2-ethylhexyl)phtha...	13.986	149	117139	25.261	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	27202	4.356	ng	95
88) Benzo(b)fluoranthene	15.062	252	49350m	6.846	ng	
89) Benzo(k)fluoranthene	15.086	252	14043m	2.016	ng	
90) Benzo(a)pyrene	15.433	252	35254	6.317	ng	# 68
92) Benzo(g,h,i)perylene	17.415	276	28390	9.426	ng	# 91

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

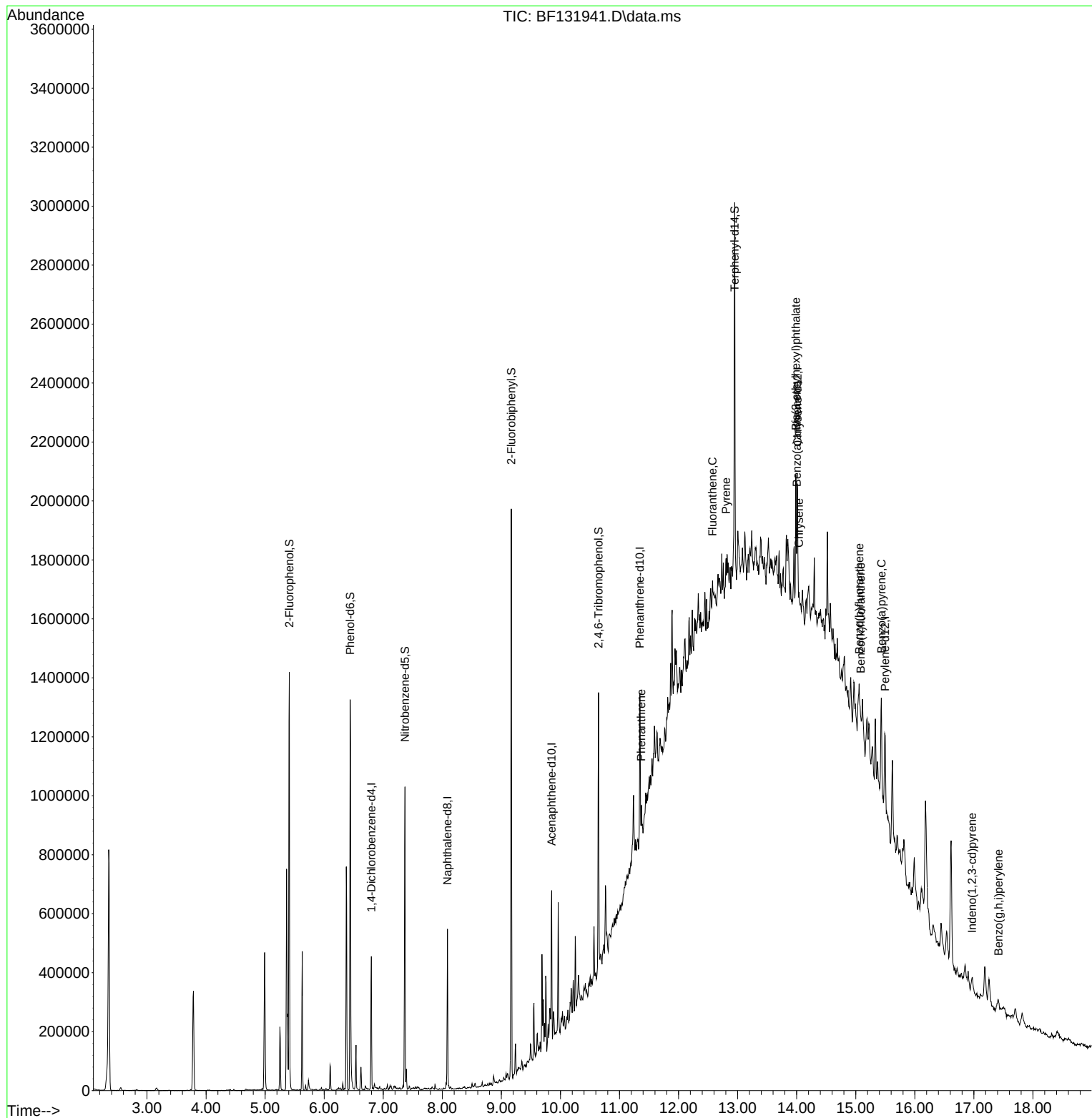
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131941.D
Acq On : 06 Jan 2023 14:53
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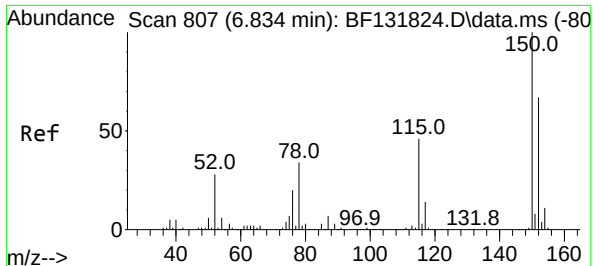
Instrument :
BNA_F
ClientSampleId :
PE-17

Quant Time: Jan 07 00:21:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
Response via : Initial Calibration

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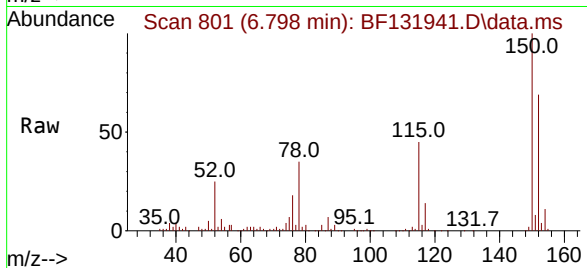
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

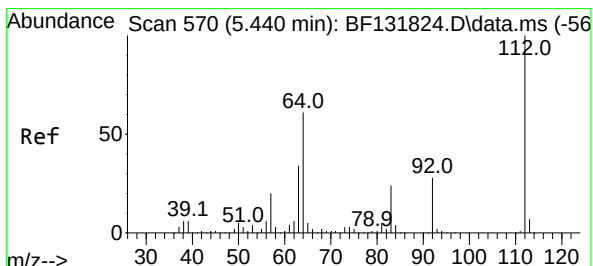
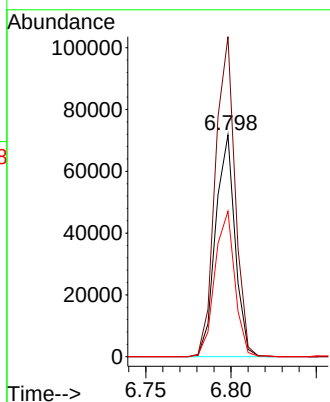
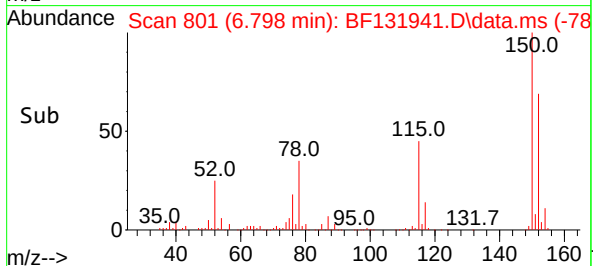
Instrument :
BNA_F
ClientSampleId :
PE-17



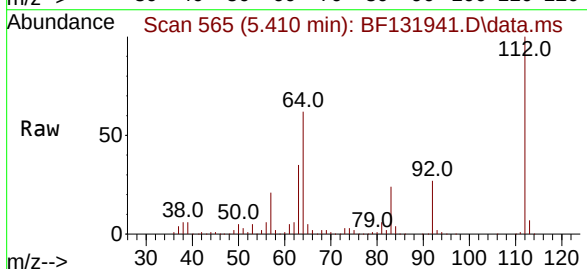
Tgt Ion:152 Resp: 57110
Ion Ratio Lower Upper
152 100
150 144.3 120.0 180.0
115 65.6 55.1 82.7

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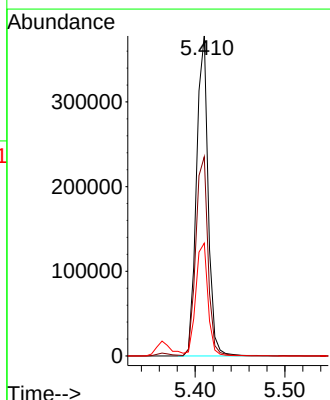
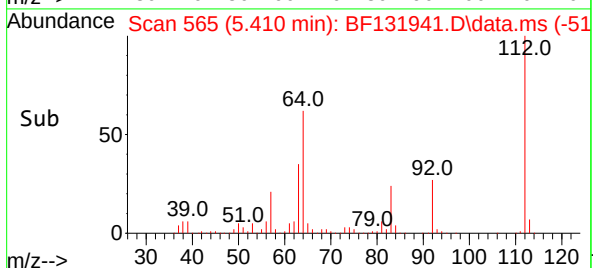
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

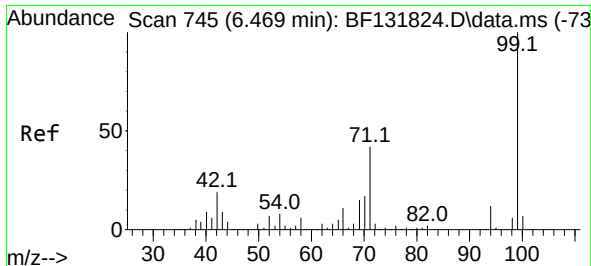


#5
2-Fluorophenol
Concen: 99.158 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53



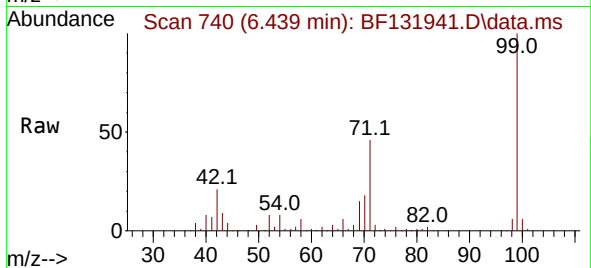
Tgt Ion:112 Resp: 341713
Ion Ratio Lower Upper
112 100
64 62.2 49.2 73.8
63 35.2 27.5 41.3





#7
Phenol-d6
Concen: 96.982 ng
RT: 6.439 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

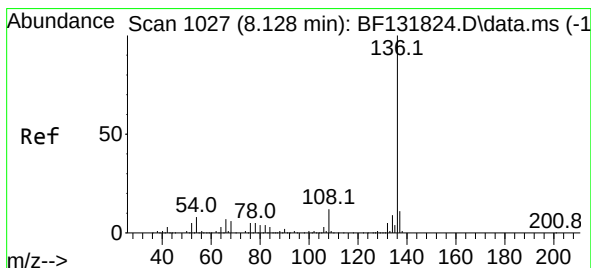
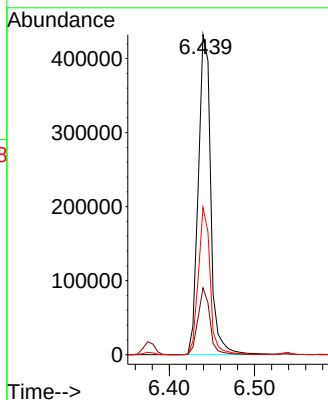
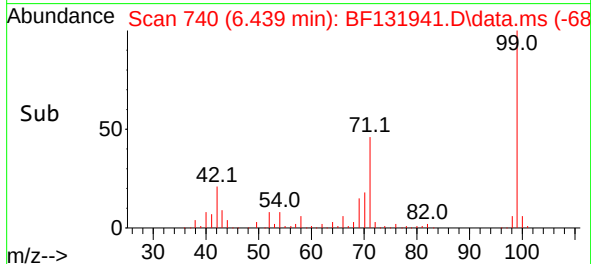
Instrument :
BNA_F
ClientSampleId :
PE-17



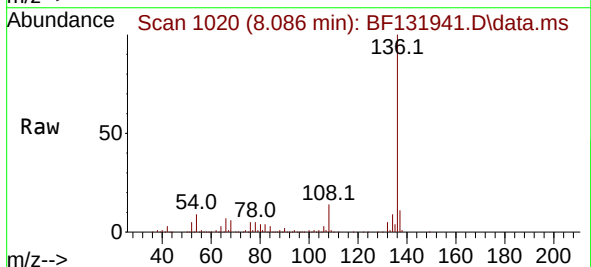
Tgt Ion: 99 Resp: 439091
Ion Ratio Lower Upper
99 100
42 20.9 15.3 22.9
71 46.0 33.5 50.3

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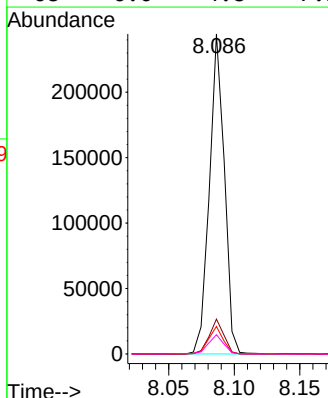
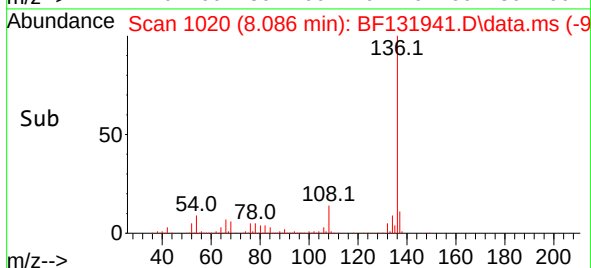
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

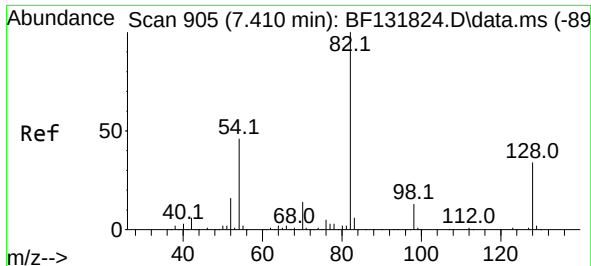


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53



Tgt Ion:136 Resp: 194761
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.6 6.7 10.1
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 64.891 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

Instrument :

BNA_F

ClientSampleId :

PE-17

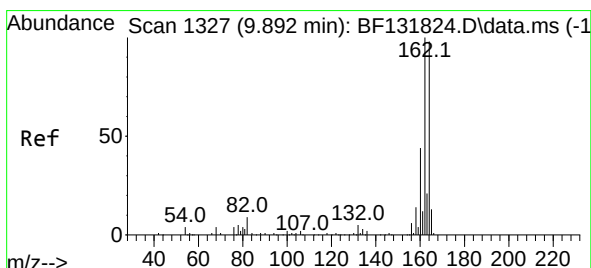
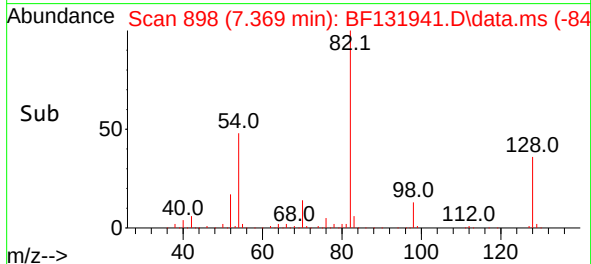
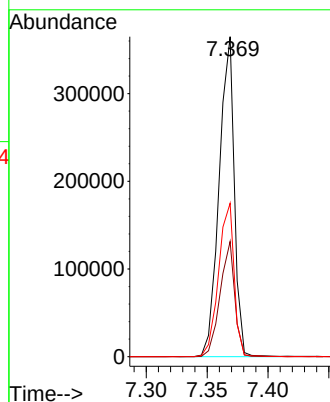
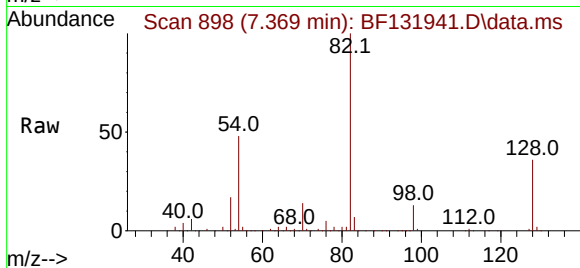
Tgt Ion: 82 Resp: 31654

Ion	Ratio	Lower	Upper
82	100		
128	36.0	27.1	40.7
54	47.9	37.0	55.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

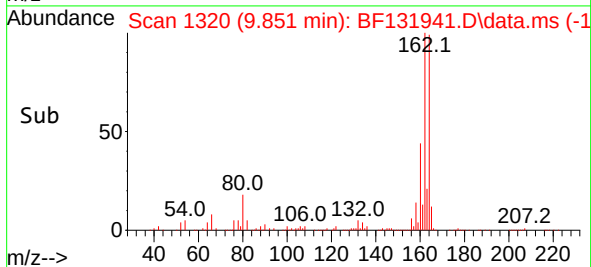
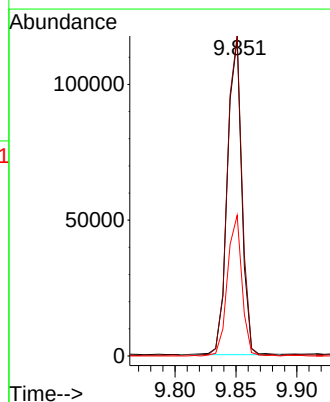
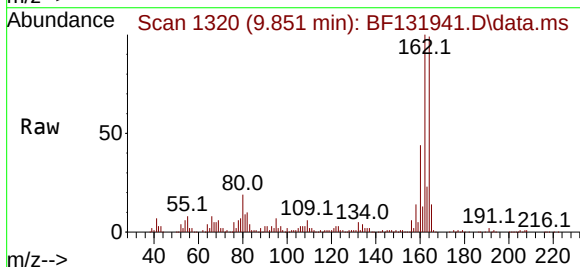
Delta R.T. -0.000 min

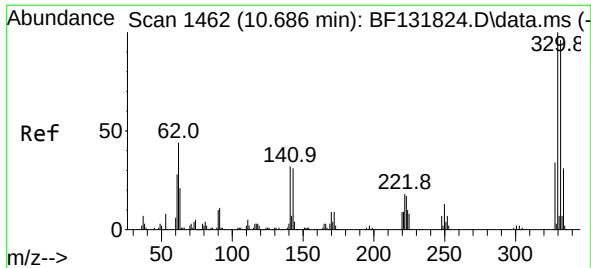
Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

Tgt Ion:164 Resp: 95593

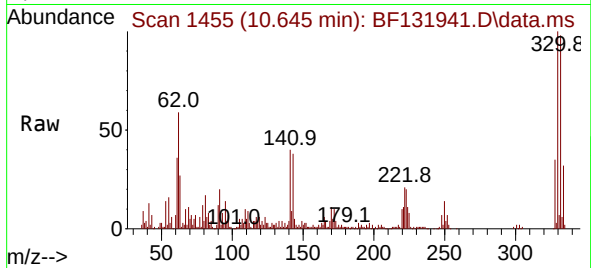
Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.8	122.6
160	44.4	35.7	53.5





#42
2,4,6-Tribromophenol
Concen: 84.580 ng
RT: 10.645 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

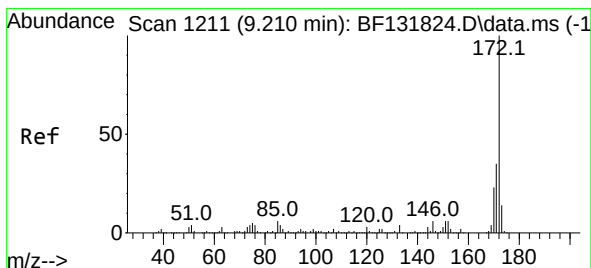
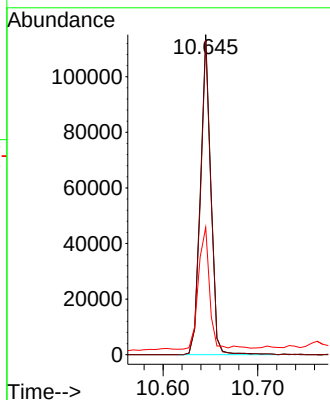
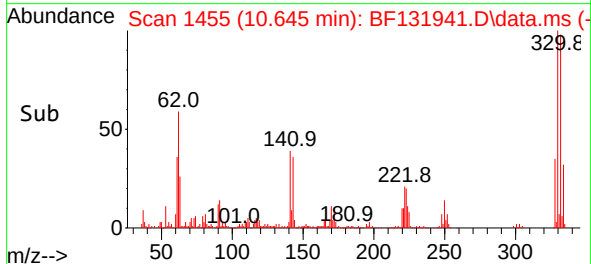
Instrument :
BNA_F
ClientSampleId :
PE-17



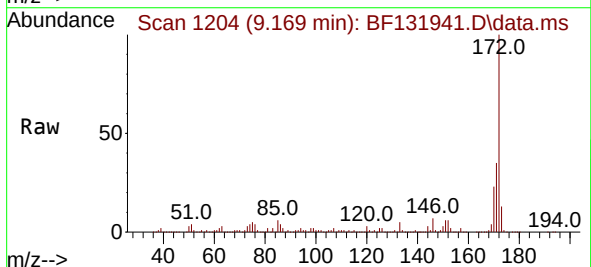
Tgt Ion:330 Resp: 8784
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 40.2 31.0 46.4

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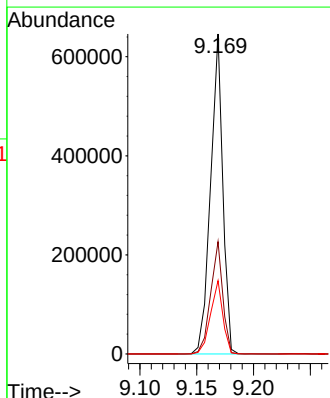
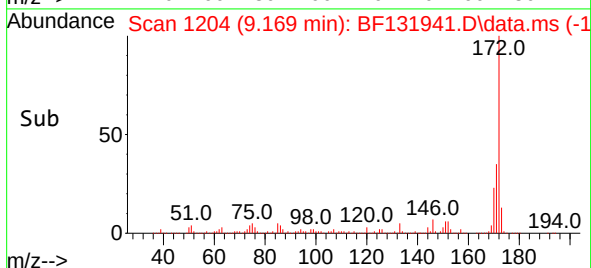
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

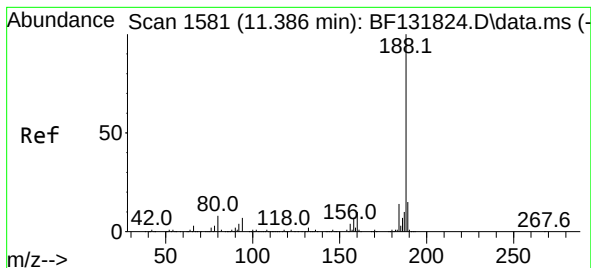


#45
2-Fluorobiphenyl
Concen: 69.131 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53



Tgt Ion:172 Resp: 482463
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.9 18.7 28.1





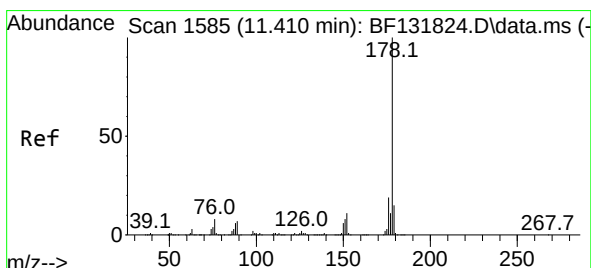
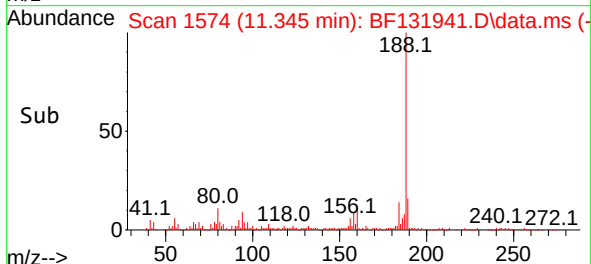
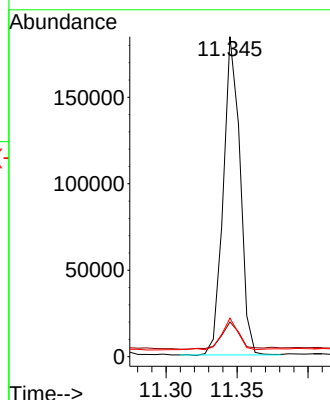
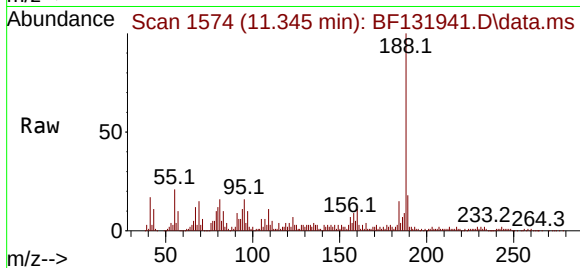
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

Instrument :
BNA_F
ClientSampleId :
PE-17

Tgt Ion:188 Resp: 15066
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.6
80 12.1 6.7 10.1

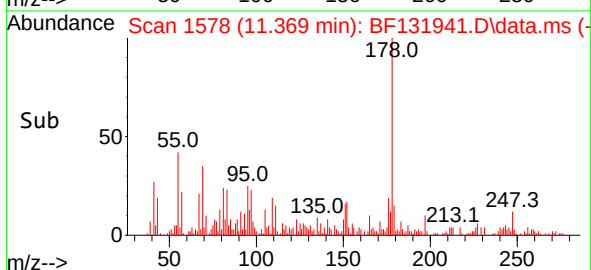
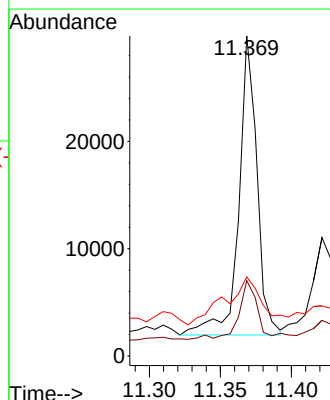
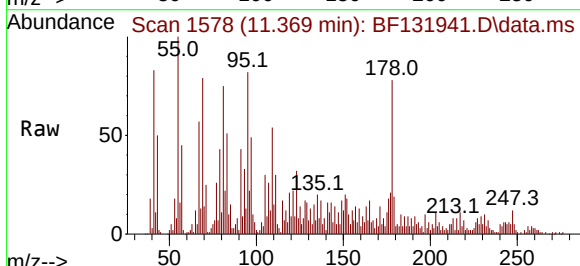
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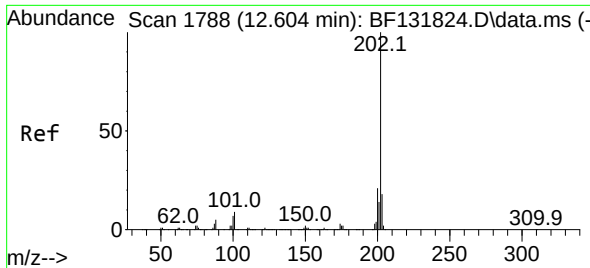
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#71
Phenanthrene
Concen: 3.002 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

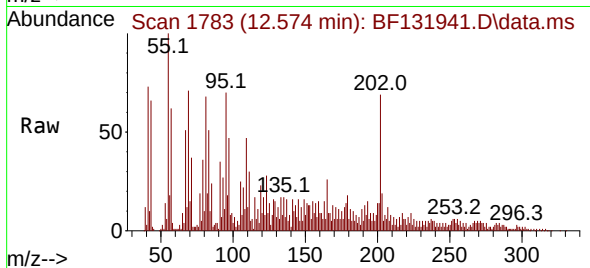
Tgt Ion:178 Resp: 24871
Ion Ratio Lower Upper
178 100
176 23.5 15.5 23.3#
179 24.8 12.2 18.4#





#75
Fluoranthene
Concen: 3.842 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

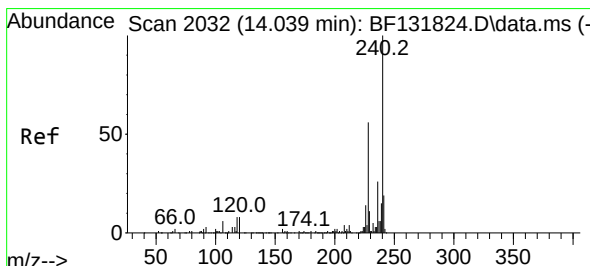
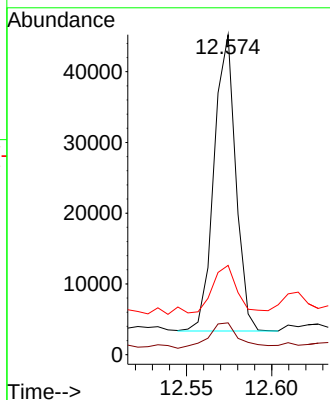
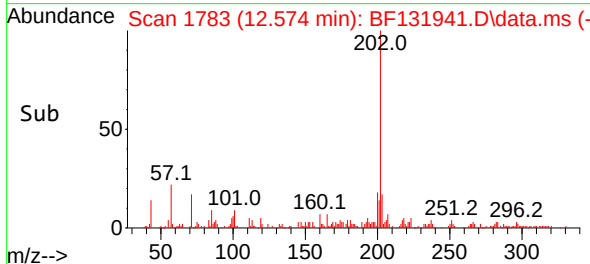
Instrument :
BNA_F
ClientSampleId :
PE-17



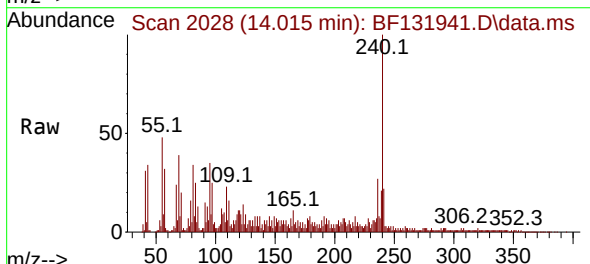
Tgt Ion:202 Resp: 37080
Ion Ratio Lower Upper
202 100
101 9.9 0.0 28.6
203 27.9 0.0 37.8

Manual Integrations
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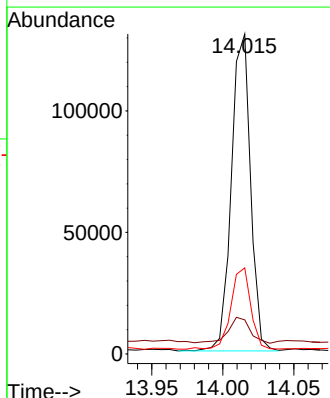
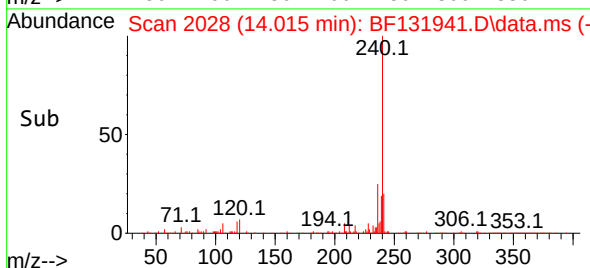
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

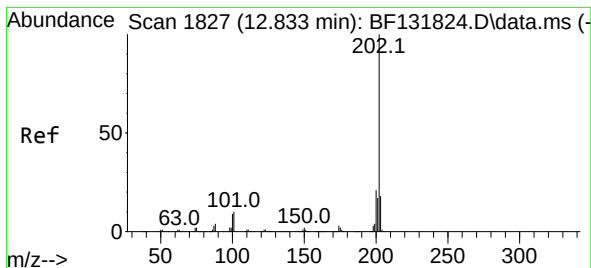


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.018 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53



Tgt Ion:240 Resp: 122504
Ion Ratio Lower Upper
240 100
120 10.7 6.7 10.1#
236 26.9 20.6 31.0





#78

Pyrene

Concen: 3.909 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.012 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

Instrument :

BNA_F

ClientSampleId :

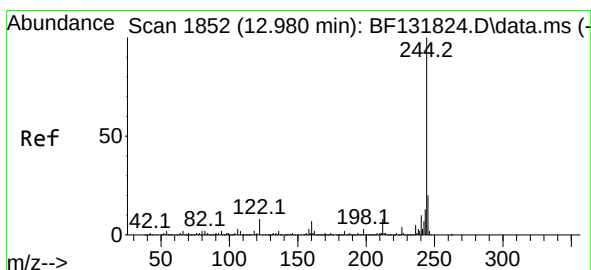
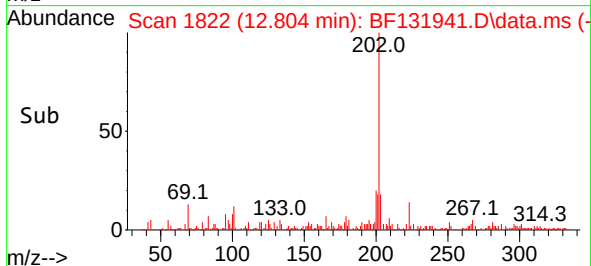
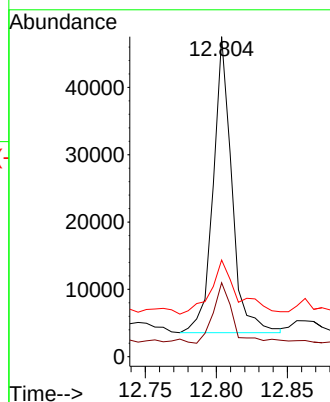
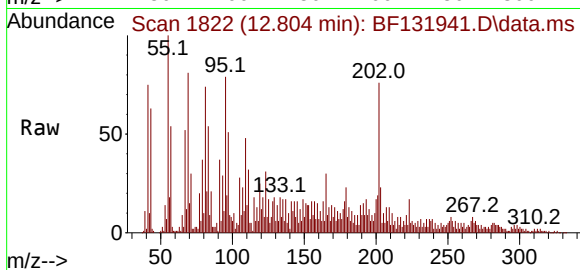
PE-17

Tgt Ion:	202	Resp:	40138
Ion Ratio	Lower	Upper	
202	100		
200	23.1	16.7	25.1
203	30.2	14.4	21.6

Manual Integrations

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#79

Terphenyl-d14

Concen: 56.168 ng

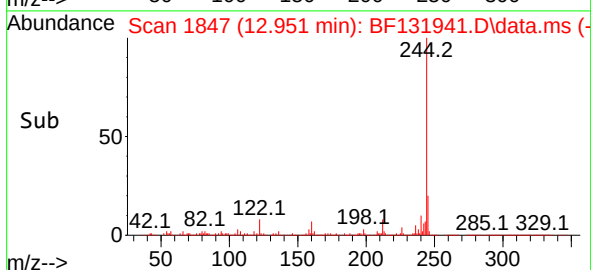
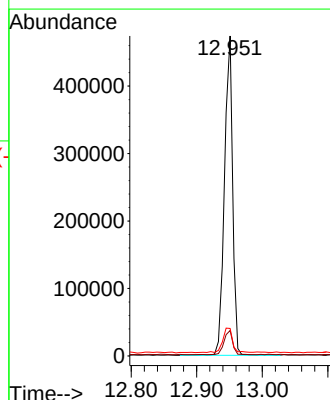
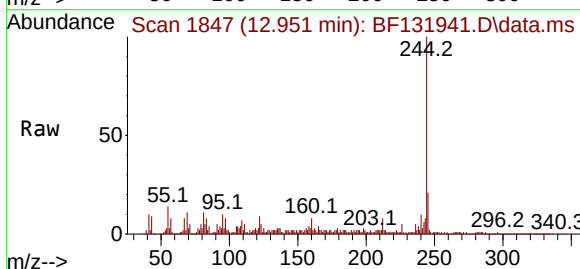
RT: 12.951 min Scan# 1847

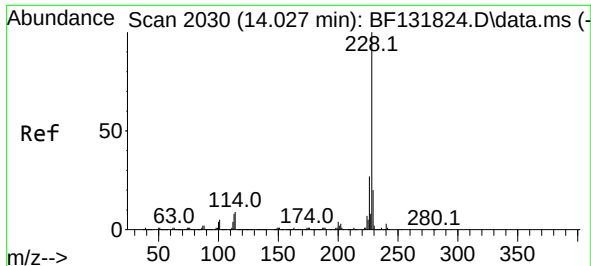
Delta R.T. 0.012 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

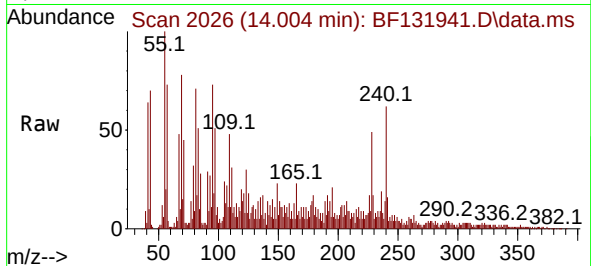
Tgt Ion:	244	Resp:	406782
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.3	9.5
122	8.6	6.4	9.6





#81
Benzo(a)anthracene
Concen: 3.214 ng
RT: 14.004 min Scan# 2030
Delta R.T. 0.018 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

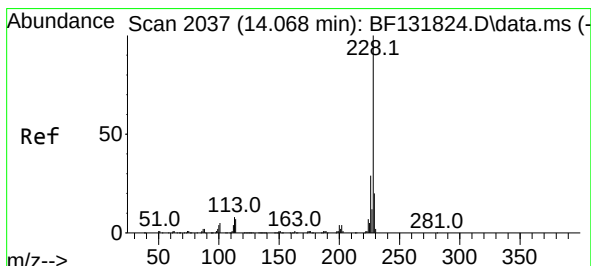
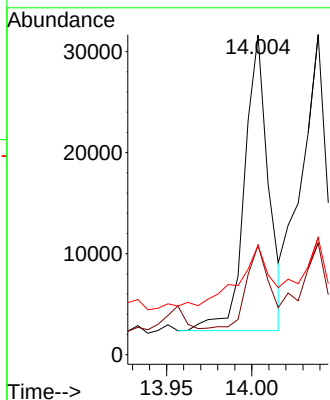
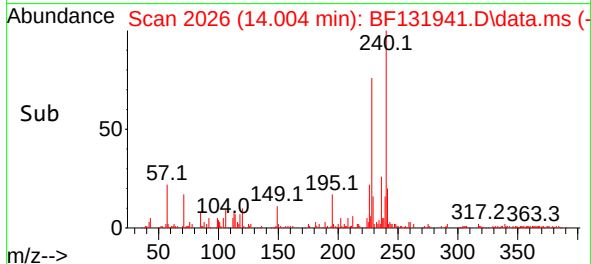
Instrument :
BNA_F
ClientSampleId :
PE-17



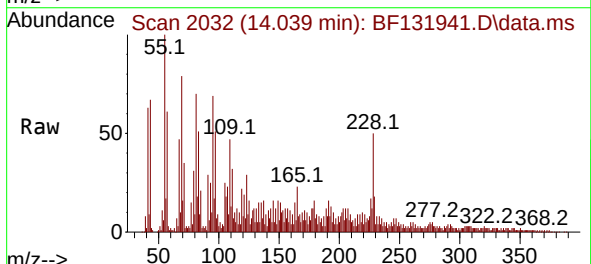
Tgt Ion:228 Resp: 2850
Ion Ratio Lower Upper
228 100
226 34.2 22.0 33.0
229 34.2 16.0 24.0

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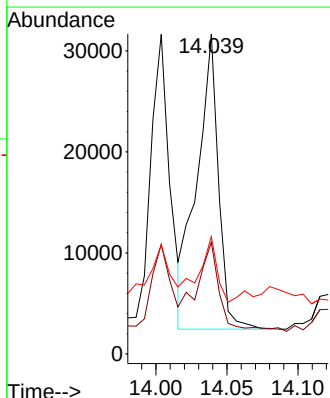
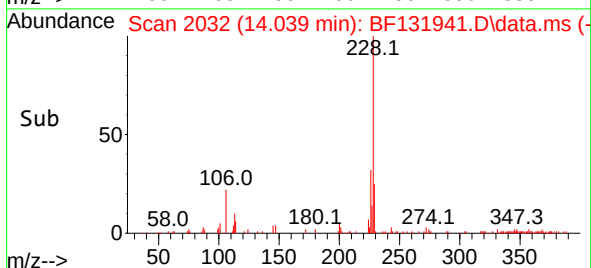
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

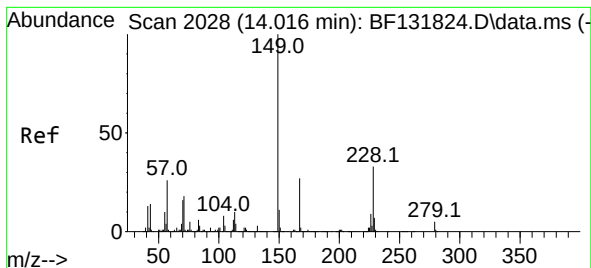


#83
Chrysene
Concen: 3.722 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53



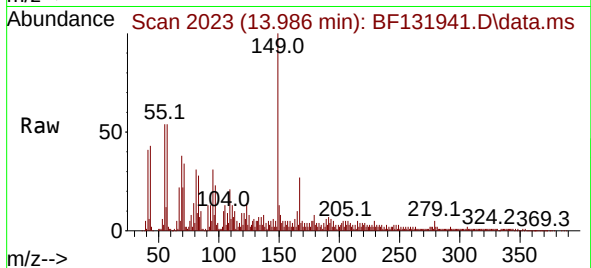
Tgt Ion:228 Resp: 31025
Ion Ratio Lower Upper
228 100
226 34.9 23.5 35.3
229 36.7 16.2 24.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 25.261 ng
RT: 13.986 min Scan# 2028
Delta R.T. 0.012 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

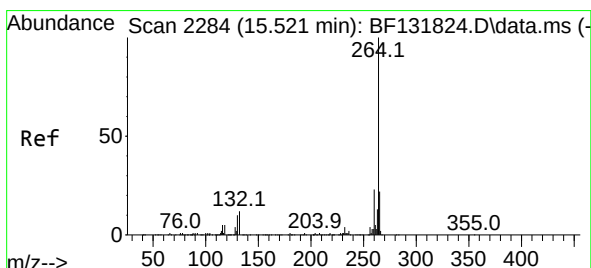
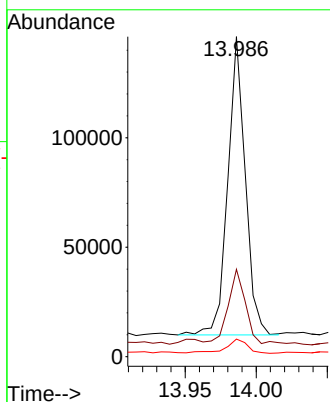
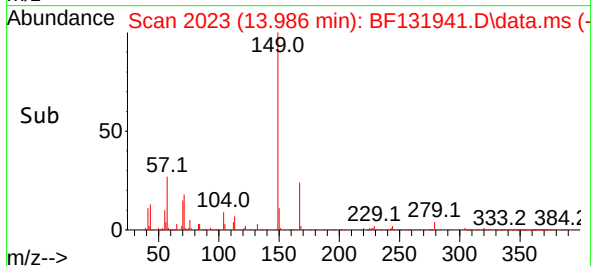
Instrument :
BNA_F
ClientSampleId :
PE-17



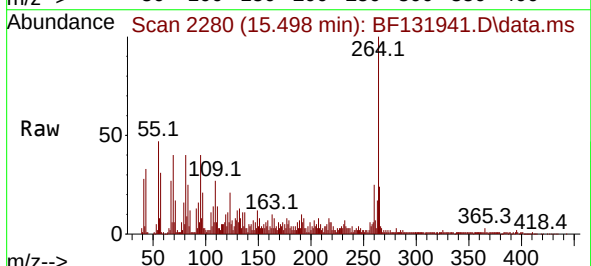
Tgt Ion:149 Resp: 117139
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.6
279 5.5 3.9 5.9

Manual Integrations
APPROVED

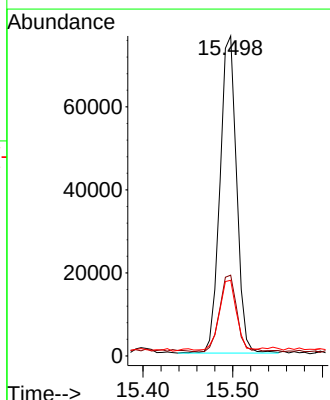
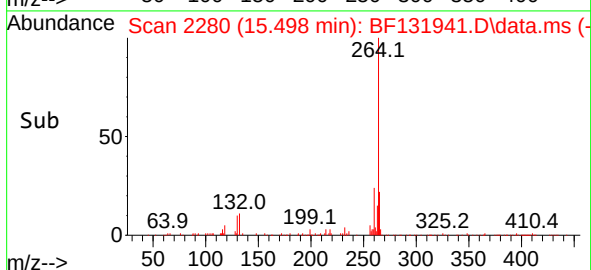
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

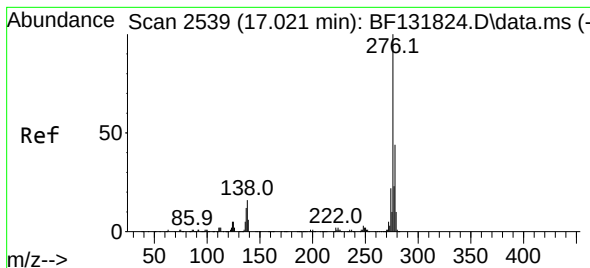


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.029 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53



Tgt Ion:264 Resp: 98304
Ion Ratio Lower Upper
264 100
260 25.3 18.6 28.0
265 23.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.356 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

Instrument :

BNA_F

ClientSampleId :

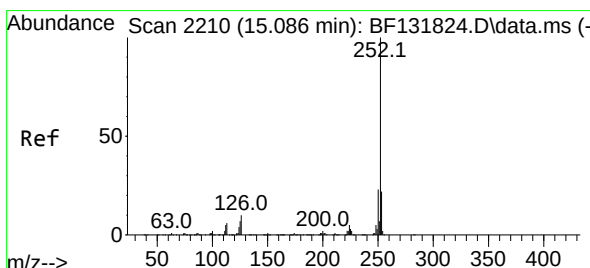
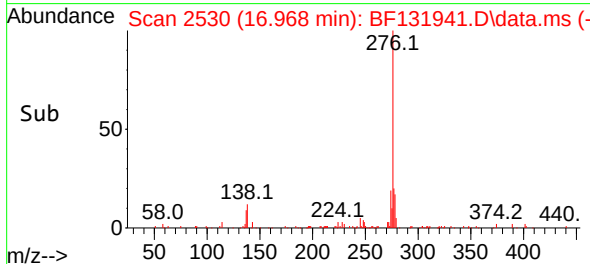
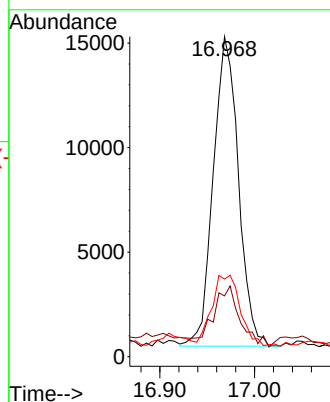
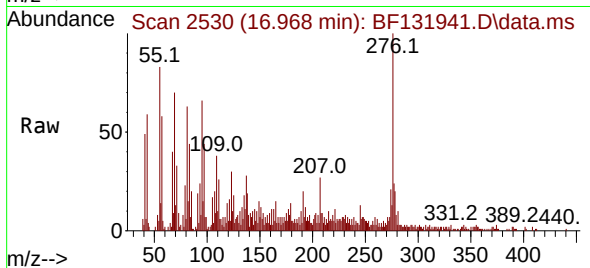
PE-17

Tgt Ion:	276	Resp:	2720
Ion Ratio	Lower	Upper	
276	100		
138	21.4	14.5	21.7
277	25.9	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#88

Benzo(b)fluoranthene

Concen: 6.846 ng m

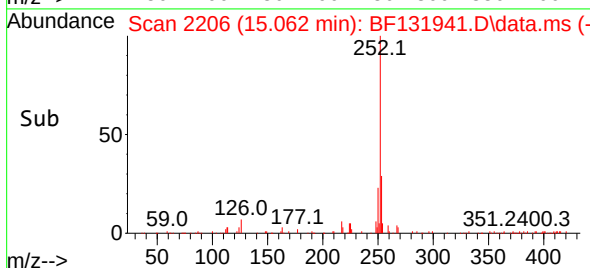
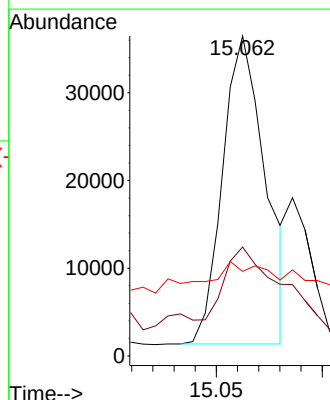
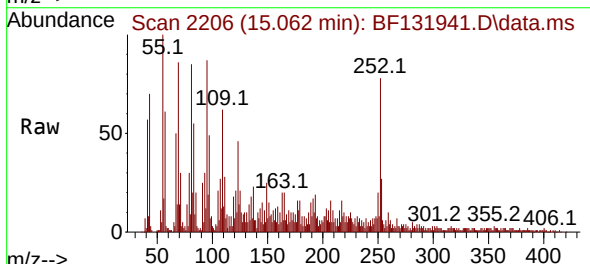
RT: 15.062 min Scan# 2206

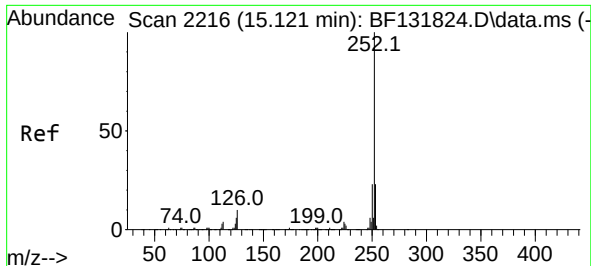
Delta R.T. 0.023 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

Tgt Ion:	252	Resp:	49350
Ion Ratio	Lower	Upper	
252	100		
253	34.1	17.6	26.4#
125	26.5	5.8	8.8#





#89

Benzo(k)fluoranthene

Concen: 2.016 ng m

RT: 15.086 min Scan# 2210

Delta R.T. 0.018 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

Instrument :

BNA_F

ClientSampleId :

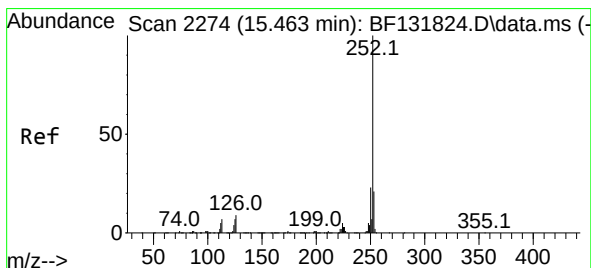
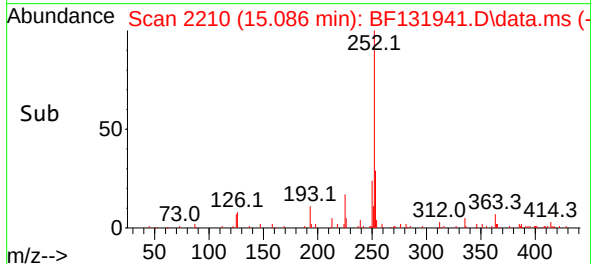
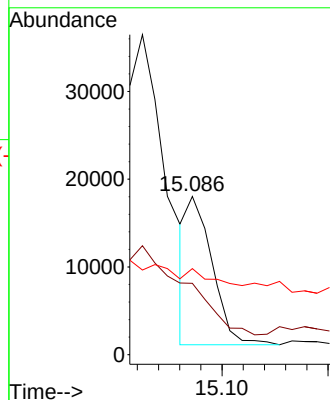
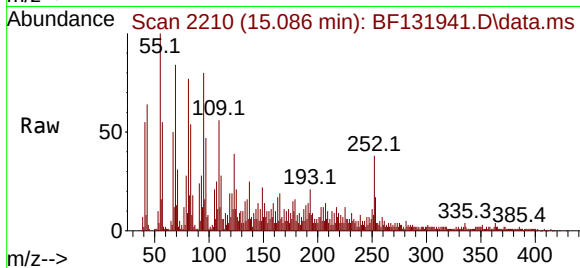
PE-17

Tgt Ion:	252	Resp:	1404
Ion Ratio	Lower	Upper	
252	100		
253	45.1	17.7	26.5
125	54.4	5.4	8.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#90

Benzo(a)pyrene

Concen: 6.317 ng

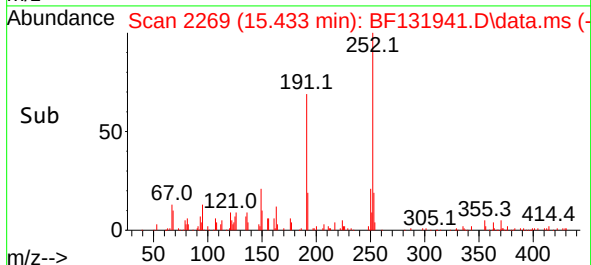
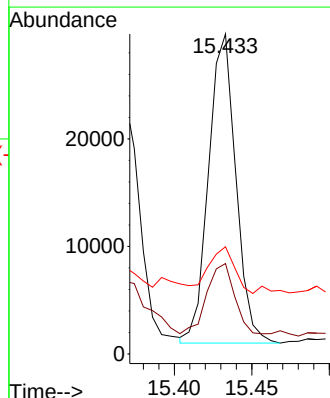
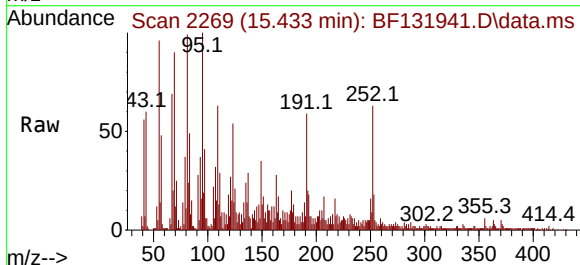
RT: 15.433 min Scan# 2269

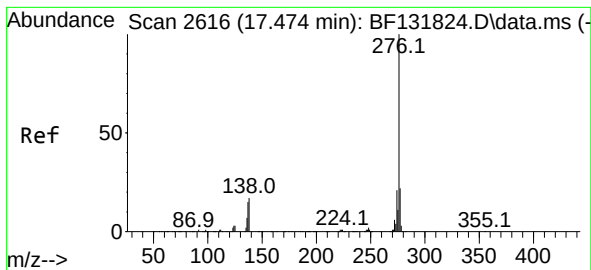
Delta R.T. 0.023 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

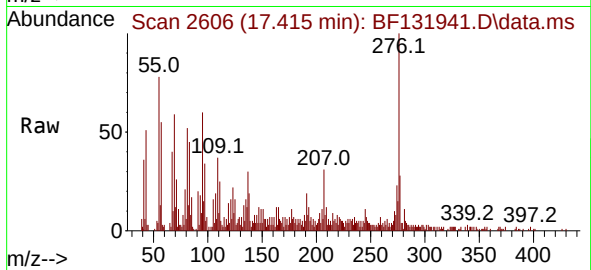
Tgt Ion:	252	Resp:	35254
Ion Ratio	Lower	Upper	
252	100		
253	28.2	16.6	24.8
125	33.5	5.8	8.8





#92
Benzo(g,h,i)perylene
Concen: 9.426 ng
RT: 17.415 min Scan# 2066
Delta R.T. 0.018 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

Instrument :
BNA_F
ClientSampleId :
PE-17



Tgt Ion:276 Resp: 28390
Ion Ratio Lower Upper
276 100
277 28.4 17.9 26.9
138 19.1 13.7 20.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

