Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126088.D
Acq On : 9 Nov 2021 18:44
Operator : JU/CG
Sample : M4574-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-0-10

Quant Time: Nov 10 10:02:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	174635	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	654559	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	394349	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	699184	20.000	ng	0.00
76) Chrysene-d12	14.004	240	379086	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	374878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1157773	113.850	ng	0.01
7) Phenol-d6	6.481	99	1517057	105.826	ng	0.00
23) Nitrobenzene-d5	7.416	82	1133861	81.694	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	514143	113.767	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2079300	71.254	ng	0.00
79) Terphenyl-d14	12.957	244	1906116	81.082	ng	0.00
Target Compounds						Qvalue

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

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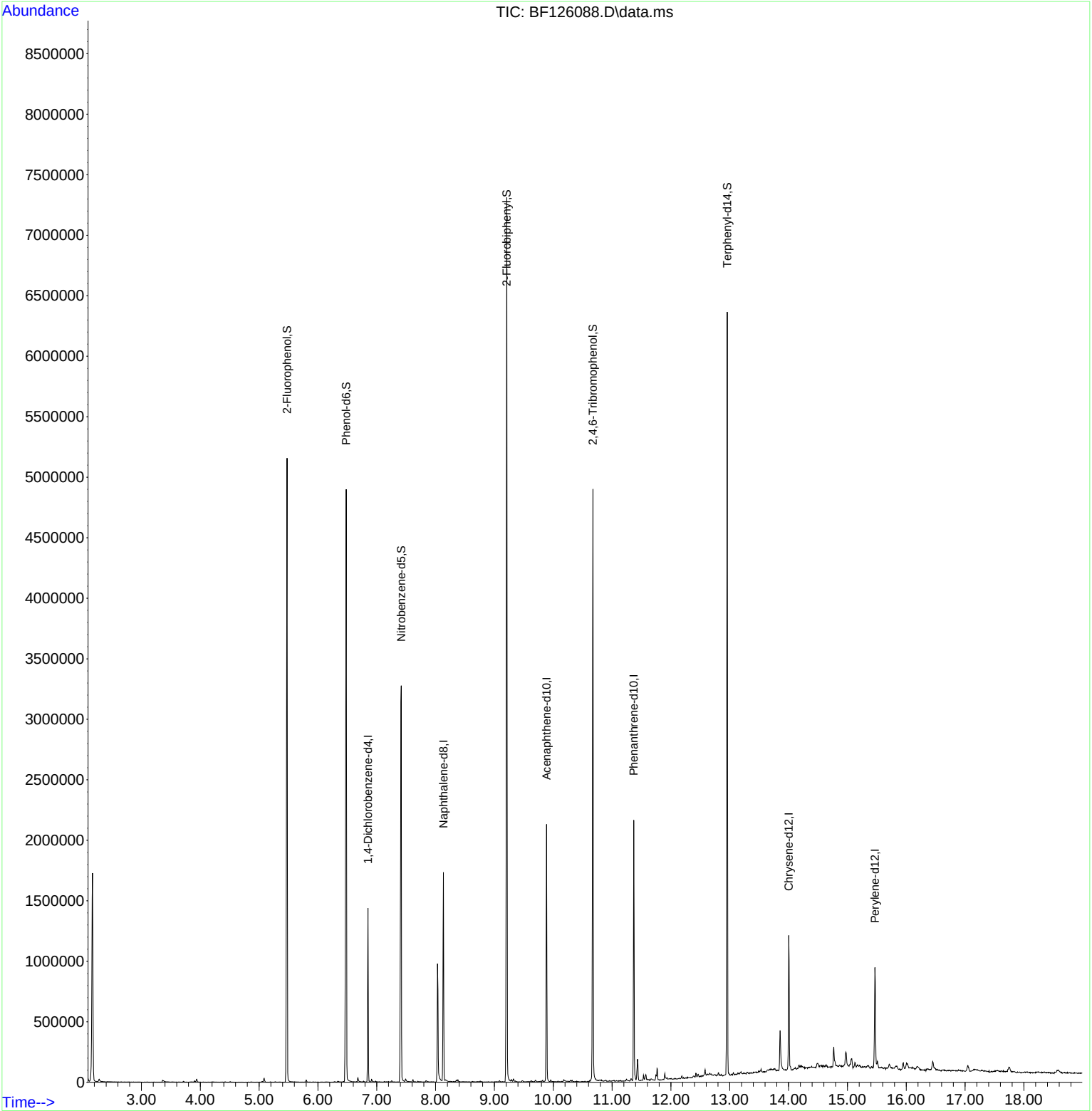
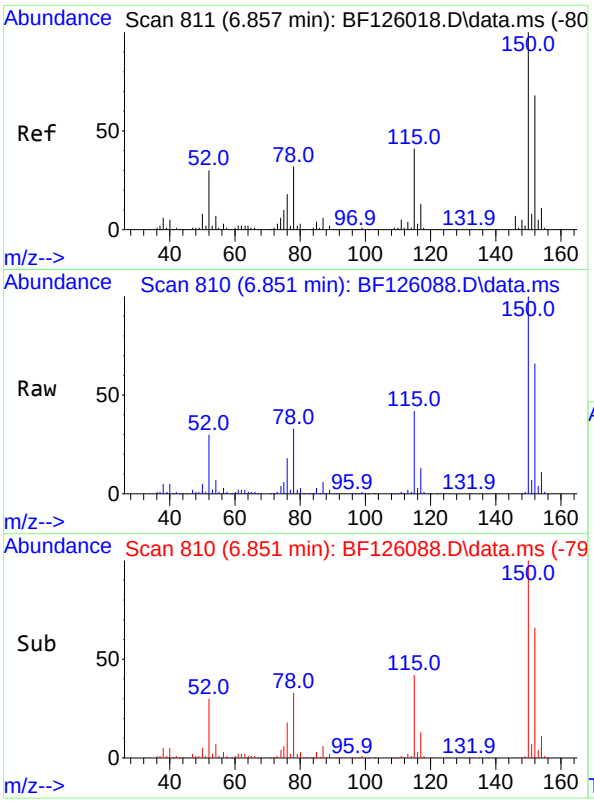


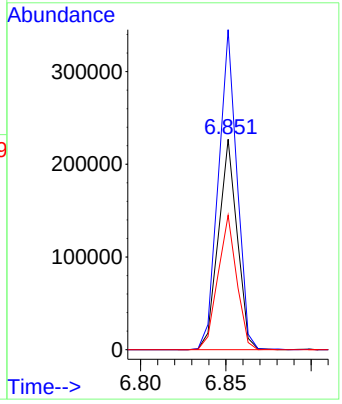


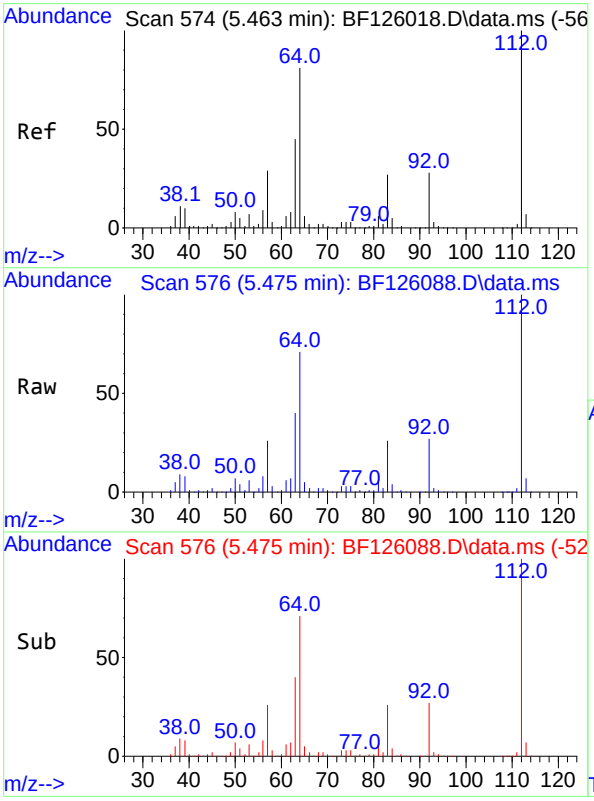
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-0-10

Tgt Ion:152 Resp: 174635

Ion	Ratio	Lower	Upper
152	100		
150	152.0	117.6	176.4
115	63.8	47.1	70.7

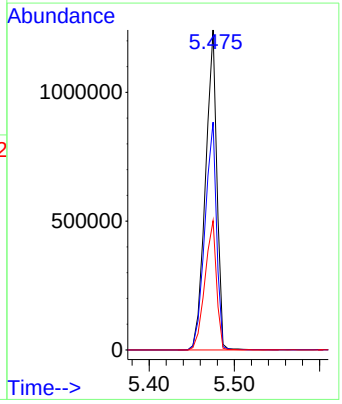


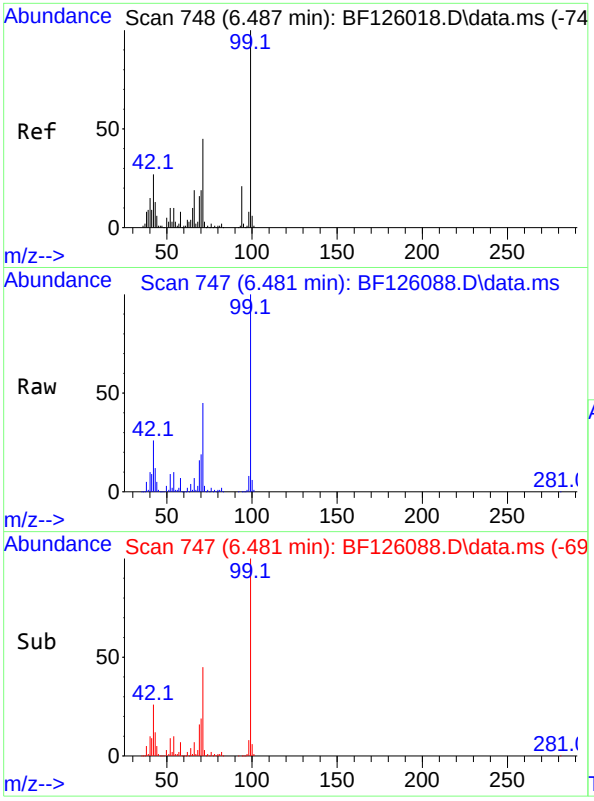


#5
2-Fluorophenol
Concen: 113.850 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Tgt Ion:112 Resp: 1157773

Ion	Ratio	Lower	Upper
112	100		
64	71.2	44.2	66.2#
63	40.4	26.2	39.2#



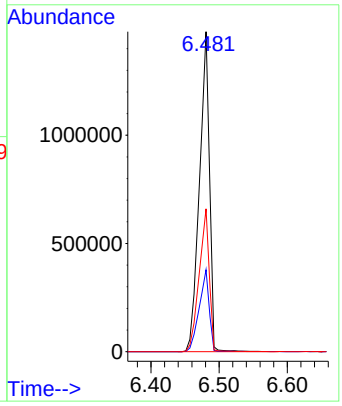


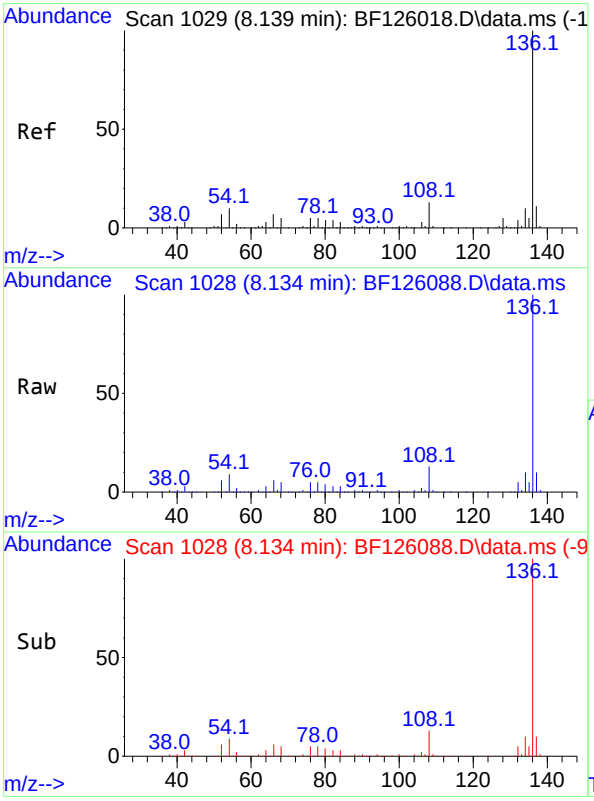
#7
Phenol-d6
Concen: 105.826 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-0-10

Tgt Ion: 99 Resp: 1517057

Ion	Ratio	Lower	Upper
99	100		
42	25.6	23.5	35.3
71	44.7	25.6	38.4#

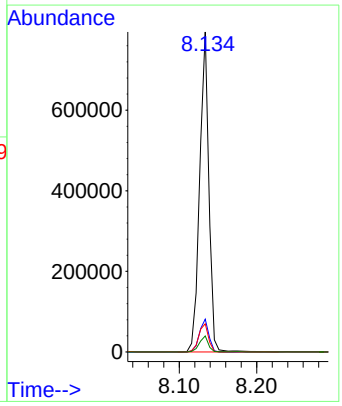


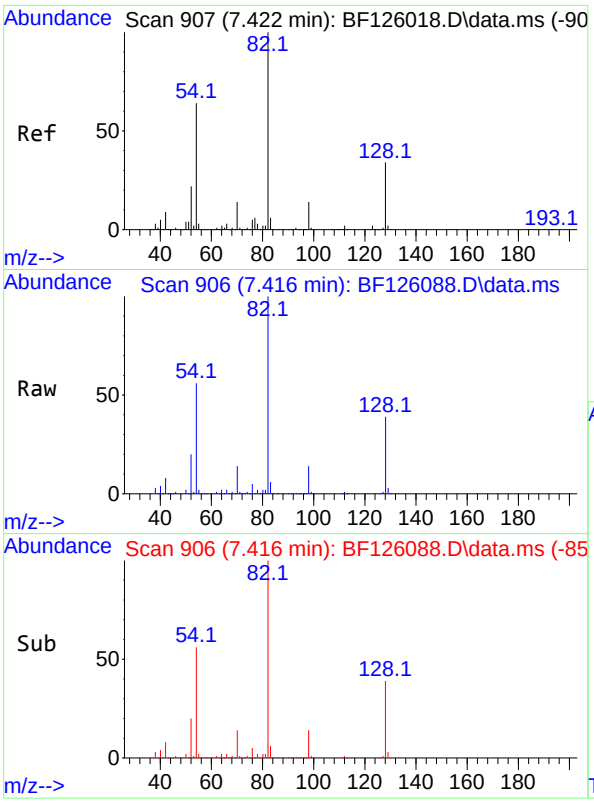


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Tgt Ion:136 Resp: 654559

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	8.8	6.4	9.6
68	5.0	3.3	4.9#



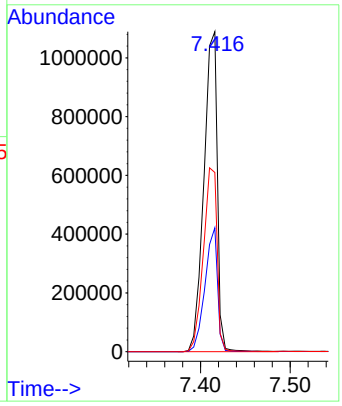


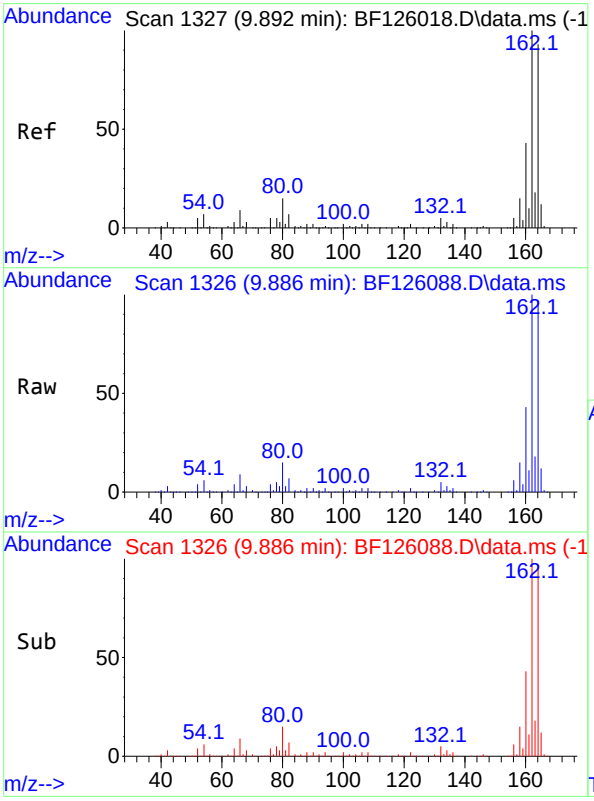
#23
Nitrobenzene-d5
Concen: 81.694 ng
RT: 7.416 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-0-10

Tgt Ion: 82 Resp: 1133861

Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	60.8#
54	56.0	49.6	74.4

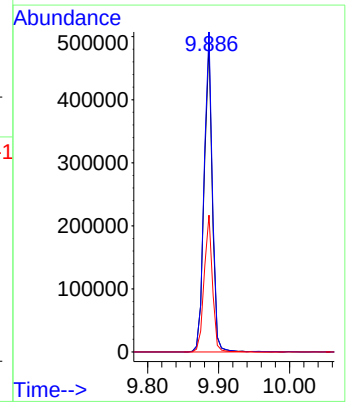


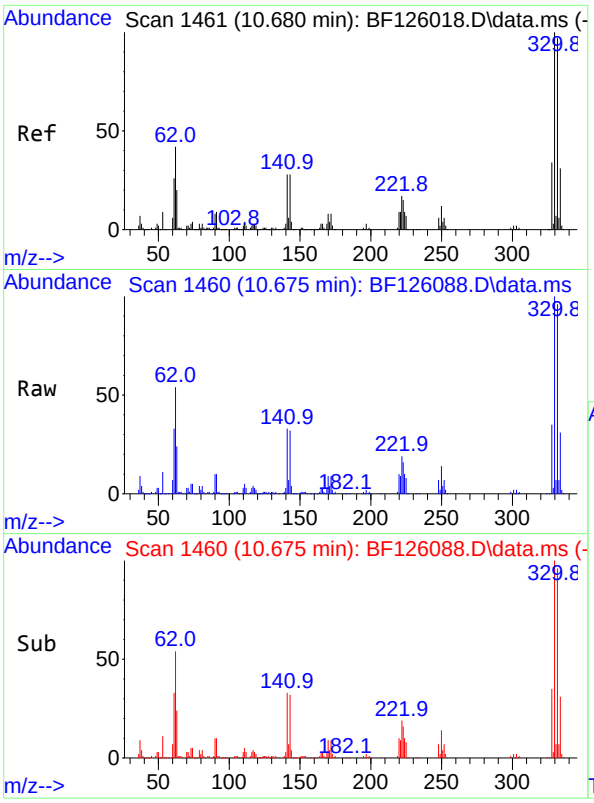


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Tgt Ion:164 Resp: 394349

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.3	121.9
160	44.3	38.0	57.0



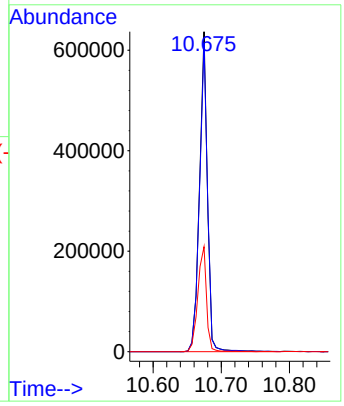


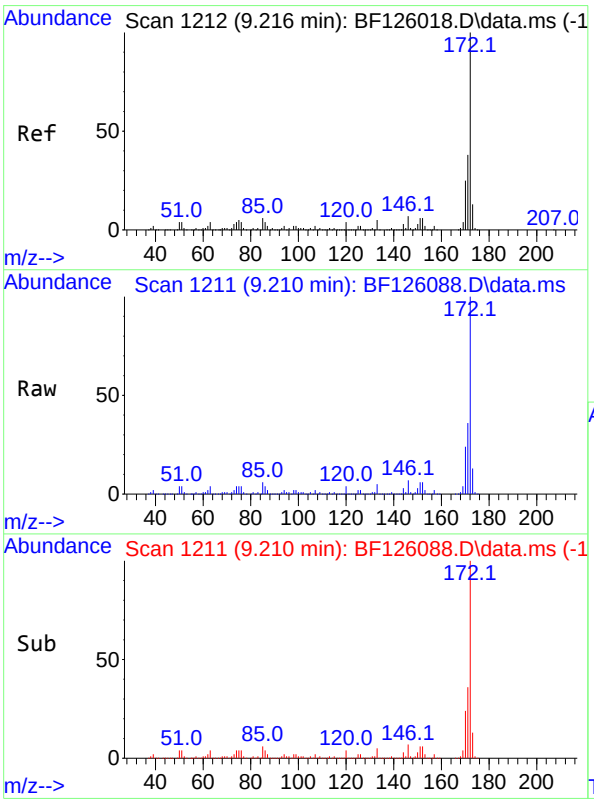
#42
2,4,6-Tribromophenol
Concen: 113.767 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-0-10

Tgt Ion:330 Resp: 514143

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.2	114.4
141	36.2	44.6	66.8#

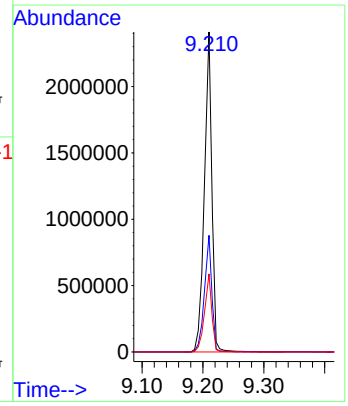


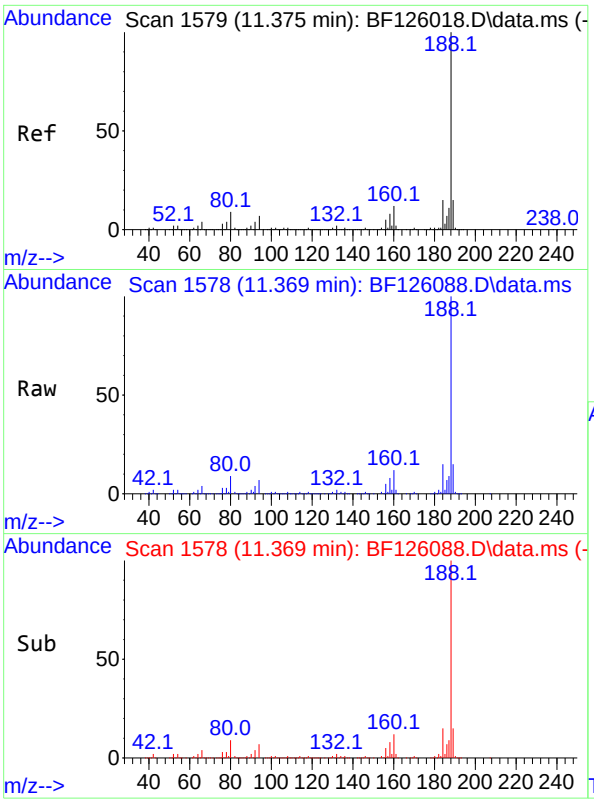


#45
2-Fluorobiphenyl
Concen: 71.254 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Tgt Ion:172 Resp: 2079300

Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.5	39.7
170	24.4	18.8	28.2



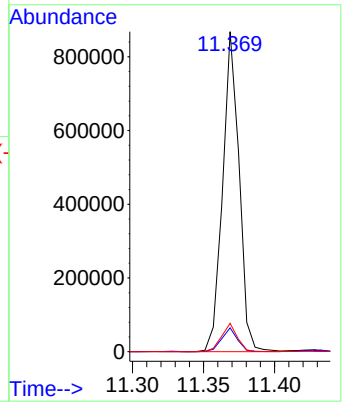


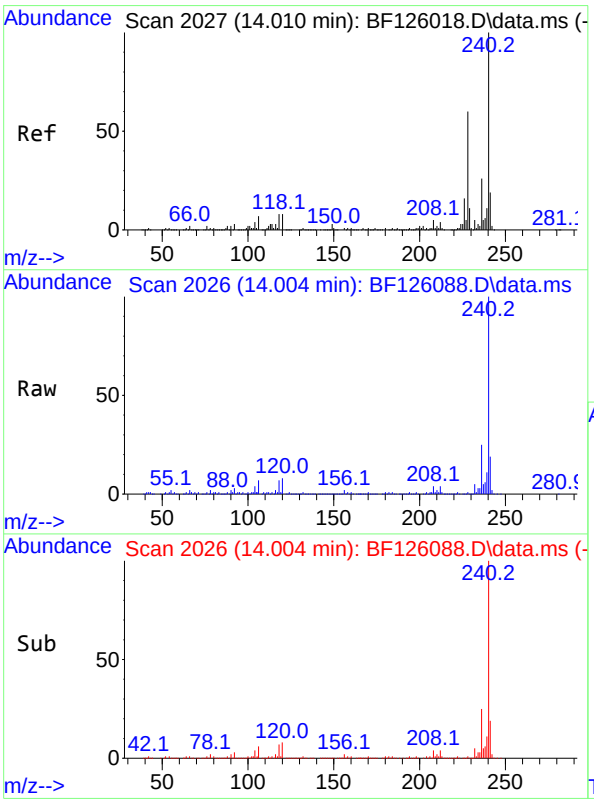
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-0-10

Tgt Ion:188 Resp: 699184

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.8	7.5	11.3

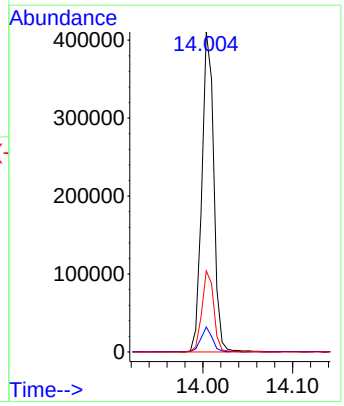


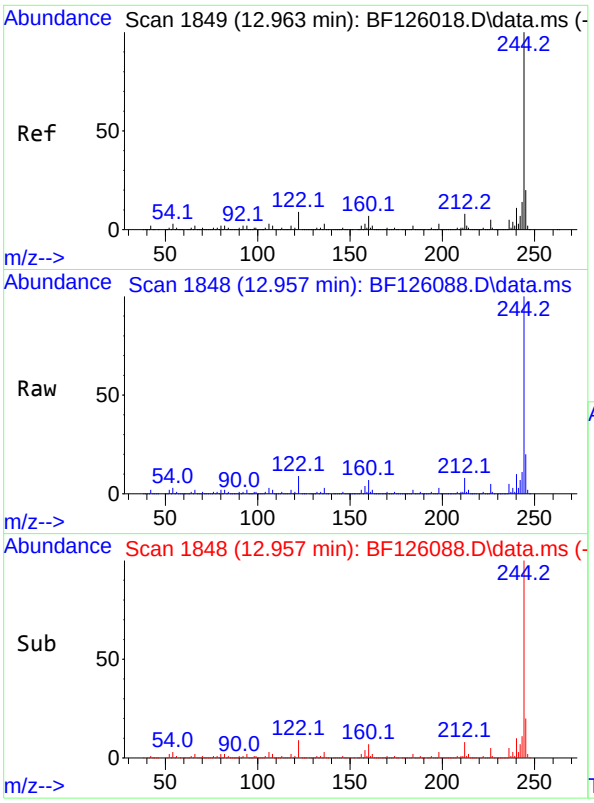


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Tgt Ion:240 Resp: 379086

Ion	Ratio	Lower	Upper
240	100		
120	7.8	10.8	16.2#
236	25.4	21.6	32.4



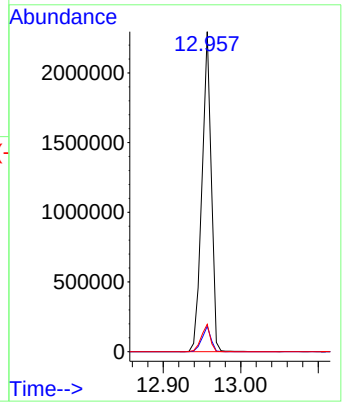


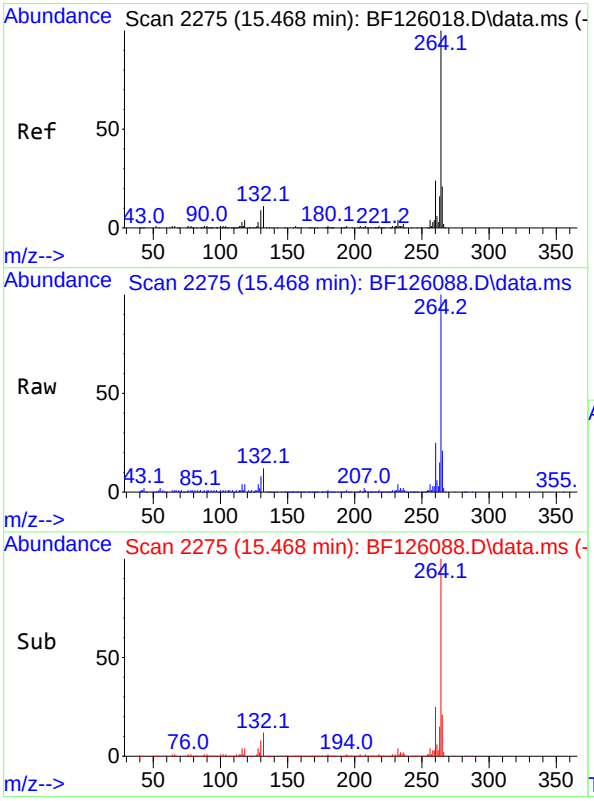
#79
Terphenyl-d14
Concen: 81.082 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-0-10

Tgt Ion:244 Resp: 1906116

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	8.6	9.0	13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF126088.D
Acq: 9 Nov 2021 18:44

Tgt Ion:264 Resp: 374878

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.0	17.2	25.8